Supplemental Site Investigation (SI) Work Plan (WP)

Barton Products Former Prism Mfg. – TCE AST
4991 Hron Road
West Bend, WI 53095
BRRTS# 02-67-579813

Prepared For:

JR Land Holdings, LLC
4450 Hron Road
West Bend, WI 53095

Prepared By:

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April 16, 2025

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List of Abbreviations and Acronyms

AST	Above ground storage tank
Bgs	below ground surface
BRRTS	Bureau of Remediation and Redevelopment Tracking System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COCs	Contaminants of Concern
CVOCs	Chlorinated Volatile Organic Compounds
DO	Dissolved Oxygen
EPA	Environmental Protection Agency
ERP	Environmental Repair Program
ES	Enforcement Standard
ESA	Environmental Site Assessment
GWMW	Groundwater Monitoring Well
IA	Indoor Air
Kapur	Kapur and Associates, Inc.
KEC	Konicek Environmental Consulting, LLC
NA	Natural Attenuation
OD	outer-diameter
ORP	Oxidation Reduction Potential/Redox Potential
PAHs	Polycyclic Aromatic Hydrocarbons
PAL	Preventive Action Level
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PFAS	Perfluoroalkyl and Polyfluoroalkyl Substances
PFE	Pressure Field Extension
PVC	Polyvinyl Chloride
RA	Remedial Action(s)
RAO	Remedial Action Option(s)
RAP	Remedial Action Plan
RCL	Residual Contaminant Level
RCRA	Resource Conservation and Recovery Act
ROW	Right of Way
SI	Site Investigation
Stantec	Stantec Consulting Services Inc.
TCE	Trichloroethene
VAL	Vapor Action Level
VMS	Vapor Mitigation System
VOCs	Volatile Organic Compounds
VRSL	Vapor Risk Screening Level
WAC	Wisconsin Administrative Code
WDNR	Wisconsin Department of Natural Resources

NR 700 SUBMITTAL CERTIFICATIONS

"I Gregory A. Konicek, hereby certify that I am a hydrogeologist as that term is defined in S. NR 712.03(1), Wisconsin Administrative Code, and that, to the best of my knowledge, the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in Chapters NR 700 to 726, Wisconsin Administrative Code."

Greg Konicek

Signature

04/16/2025

Date

Konicek Environmental Consulting, LLC

Aaron Lofberg

Aaron C. Lofberg, B.S. - Geology

Greg Konicek

Gregory A. Konicek, P.G., CHMM

1.0 Introduction

This Supplemental SI WP is for the Barton Products Former Prism Mfg. – TCE AST site, 4991 Hron Road, West Bend, Wisconsin 53095 BRRTS# 02-67-579813 and was prepared for and submitted on behalf of JR Land Holdings, LLC by KEC. This SI WP was prepared in accordance with NR 716 of the Wisconsin Administrative Code. This proposed Supplemental SI WP was prepared in response to the February 25th 2025 WDNR letter and discussions with the WDNR during the April 7th 2025 on-site meeting.

1.1 Site Information

4991 Hron Road
West Bend, WI 53095
BRRTS# 02-67-579813
Washington County: SE 1/4 of the SW 1/4 of Section 36, Township 11N, Range 19E
WTM Coordinates: X: 668242 Y: 323651

1.2 Responsible Party Information

JR Land Holdings, LLC
4991 Hron Road
West Bend, WI 53095
Contact: Jill Martin
Email: rjwood@att.net
Phone: (262) 677-8955

1.3 Consultant Information

Konicek Environmental Consulting LLC
1032 S. Spring Street
Port Washington, WI 53074
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2.0 Objective

The objective of the SI is to further define the degree and extent of contamination as well as evaluate vapor intrusion pathways and commission the existing sub-slab VMS in accordance with the RR-800 Vapor Intrusion guidance document. The purpose of the scope of work discussed herein is to supplement SI work performed to date at the Former Barton Facility site. The objectives of the SI will be met through installation of a piezometer, surveying of the newly installed piezometer to establish water table elevations, advancement of one soil probe in the source area, the seasonal collection of PFE pressure readings and indoor air vapor samples, at least one sub-slab vapor sampling event, and collection of groundwater samples from the groundwater monitoring well network. The SI will be conducted in accordance with Chapter NR 716 of the WAC.

The vapor sample results will be compared to the WDNR VRSL and VAL regulatory standards. Groundwater sample results will be compared to Chapter NR 140 WAC groundwater quality standards. CVOCs are the COCs at the site.

3.0 Background Information

3.1 Site Background

The site is assigned the address 4991 Hron Road West Bend, WI 53095. The site property is located in an area west of the Hron Road right-of-way (ROW) and north of the Highway NN ROW. The site property is approximately 23.70 acres in size and is developed with the RJ Wood Industries Industrial building structure. Based on review of online property information, the property was annexed into the City West Bend from the Town of West Bend in January 2020.

The site was previously occupied by Barton Products business and was later sold to Prism Mfg. in 2011. In addition, Prism Mfg. was reportedly later liquidated in 2016. The site facility is currently occupied by RJ Wood Industries.

The former site operations included the use of a former waste-solvent AST which was formerly located outside the western-portion industrial-building footprint on a canopied loading dock concrete-paved area. During a 2017 Phase II ESA performed by Stantec, a release was discovered in one soil boring in the canopied loading dock area outside the industrial-building footprint.

3.2 Summary of Previous Work Performed

In June 2017 Stantec conducted a Phase II Environmental Site Assessment at the site property. The Phase II ESA identified the SB-4 boring location (performed in the vicinity of the canopied loading dock area) as the release area from the former waste solvent AST. SB-4 soil CVOC concentrations at approximately 8-10 feet bgs were identified above NR 720 RCLs. Groundwater samples collected from the SB-4/TW-4 and SB-7/TW-7 locations (located near the canopied loading dock) were identified with CVOC concentrations above the NR 140 ES regulatory standard.

Following the performance of the Phase II ESA, Stantec and Kapur performed additional SI work at the site consisting of:

- Advancement of 6 additional soil borings (SB-19 thru SB-23, & SB-28/TW-10) to further delineate soil impacts.
- Installation of four 2-inch groundwater monitoring wells (MW-1 thru MW-4) and one piezometer (P-1) as well as groundwater sample collection.
- Installation and collection of sub-slab vapor samples (VP-1 thru VP-4).

- Collection of Indoor Air vapor samples (VS-1, IAVS-1, IAVS-2, IAVS-3, IAVS-4, IAVS-5, and IAVS-6).

- Replacement of a reportedly damaged TW-4 (temporary monitoring well) with the B-30/TW-4RR 2-inch GWMW.

- Infiltration & Injection Exemption Request WDNR Approval. The injection activity reportedly consisted of nine injection wells and three sentinel wells to remediate subsurface CVOC contaminants. The injection reportedly utilized Provect-OX product mixed with water at a water : product ratio of 3:5. It is the opinion of KEC the injection work performed is considered a RA. The WDNR issued an Infiltration Temporary Exemption Request Approval Letter dated May 10th 2021 for the site.

- Performance of a Demographic Survey of on-site industrial facility workers. Based on review of the Demographic Survey, the survey results concluded the building office areas are considered "safe" for employees and the manufacturing plant area indoor air sample results were not consistent or representative of a sub-slab CVOC vapor intrusion scenario.

Soil sample results collected to date identified isolated CVOC soil concentrations in the vicinity of the B-30/SB-4 canopied loading dock source-area located on outside the western portion of the industrial-building footprint.

Most recent SI groundwater and vapor sampling analytical results to date identify only one well TW-4RR (located in source area) containing CVOC concentrations in excess of the NR 140 PAL and/or ES, and no CVOC vapor VRSL or VAL exceedances.

Soil, Groundwater, and Vapor Data Tables are included in Attachment 1.

4.0 Physiologic and Geologic Setting

4.1 Topography

The Former Barton Products Prism Mfg. Facility is located north of Evergreen Creek which is a minor tributary of Lake Michigan. Based on field observations of site topography, the land surface appears to slope to the south towards Evergreen Creek. Review of a USGS topographic map on the WDNR Surface Water Data Viewer indicates the topography of the subject site slopes south-southeast.

4.2 Hydrologic Features

Based on the elevation and depth measurement data collected to date at the site, the flow gradient appears to be in the southeast-eastern direction. The soil type identified at the soil-groundwater interface is silty clay.

4.3 Soils

Soils encountered during the SI activities reportedly consisted of native gravel, silty clay, and silty sand to 35 feet bgs, the maximum depth reportedly explored. Soil types reportedly present directly below the on-site industrial building concrete slab consist of gravel base course and native silty clay till.

4.4 Geology and Hydrogeology

Based on review of the SI Report dated March 8, 2018 prepared by Stantec, the well construction report (1979) data for the currently out-of-service potable well indicates the geology of the site consists of sand from 0-105 ft bgs, sandy clay from 105-240 ft bgs, clay & stones from 240-317 ft bgs, sandy clay from 317-350 ft bgs, gravel and sand 350-387 ft bgs, and Limestone 387-400 ft bgs. However, other well log information reviewed for the immediate surrounding area as well as SI boring log information indicates silty clay is the primary soil type in the shallow water table site sub-surface. In addition, it is noted in Stantec's SI Report that depth to bedrock on-site is approximately 387 feet bgs which is a greater depth relative to many other sites in Wisconsin.

4.5 Potential Receptors

Based on review of work performed to date as well as site specific circumstances, the following potential receptors and pathways are summarized as follows:

- Direct Contact: SB-4 (8-10 feet bgs) was identified with Trichloroethene at a concentration above the NR 720 Direct Contact RCL. This sample location is located below the direct contact zone of 0-4 feet bgs and as such is not considered a direct contact concern.

- Vapor Intrusion: Based on review of SI work performed to date as well as the RR-800 CVOC Vapor Intrusion Screening Guidelines, it is the understanding of KEC that the CVOC vapor intrusion screening criteria is met for the site and vapor sampling is considered warranted.

- Utilities: Based on review of SI work performed to date, the utility corridors do not to transect the CVOC source area beneath the concrete paved canopied loading dock area and do not transect any groundwater impacts. KEC reviewed site building plan drawings and spoke with on-site personnel to identify approximate site utility locations.

- Groundwater Migration Pathway: Based on correspondences with on-site personnel, the existing potable well on-site located off the southeastern corner of the building no longer supplies water to the property. Municipal water services the building as of a few years ago. Based on SI groundwater sampling history and laboratory analytical results, no NR 140 impacts have been identified near the well to date. Per WDNR request, further groundwater sampling is proposed in this work plan to monitor potential contaminant plume migration.

Updated site utility locations and proposed sample locations are depicted on the Figure B.1.b included in Attachment 2.

Based on site sampling results collected to date, site utilities do not appear to be acting as subsurface migration pathways for the CVOC COCs. And as such, further SI work to investigate site utilities is not considered warranted.

In May 2024 per WDNR request, KEC attempted to sample the out-of-service potable well. The potable well pump was no longer operational and as such a water sample of the well could not be obtained. As such it was recommended that the potable well be abandoned since it was no longer in service to the building. Final abandonment of the potable well is currently in progress.

In addition, KEC searched the WDNR Well Construction Information Database for potable wells within 1200 feet of the site. The database identified five wells including the on-site potable well that is no longer in-use. The nearest off-site well to the site is over 600 feet up-gradient to the west, none of the wells within 1200 feet of the site are downgradient (or southeast) of the site. In addition, there are no indications that the site groundwater impact (limited to one GWMW in the source area) have left the source property. Well construction reports for the wells and database information are included in Attachment 3.

Prior to any subsurface exploration, KEC will contact Diggers Hotline to mark utilities on the property.

4.6 Site Zoning Verification & Applicable Cleanup Standards

Based on site available public records and correspondence with on-site personnel, the site building structure interior floor space consists of approximately 3,000 square feet of office space and 30,000 square feet of industrial workshop space. In addition according to publicly available Washington County Zoning information, the site is zoned as M-2 Heavy Industrial. As such, based on the industrial zoning and vast majority of industrial workshop space within the industrial building structure - the site should be appropriately assigned and compared to: Large Commercial/Industrial VRSL with default attenuation factor = 0.01, the Large Commercial/Industrial VAL vapor standards, and NR 720 Industrial RCLs. Based on the vast-majority of industrial workshop space present within the industrial site building and industrial-zoning, it is the opinion of KEC that the property is not considered a small commercial property type which should be reserved for non-industrial-zoned property classifications.

Site Zoning and Site Use Documentation is included in Attachment 4.

5.0 Proposed Field Investigation

5.1 Investigative Techniques

5.1.1 Soil Investigation

Per WDNR request in the February 25th 2025 letter and discussions during the meeting with the WDNR on April 7th 2025, one additional soil probe (SB-31) is proposed to be performed in the source area, adjacent to the B-30/TW-4RR GWMW. The probe is anticipated to be advanced to a depth of 10 feet bgs and one soil sample from approximately 8-10 feet bgs will be collected and submitted for laboratory analysis of CVOCs. If odors and/or staining is observed in the shallow SB-31 soils, an additional soil sample will be collected and submitted for CVOC laboratory analysis. The purpose of the soil probe is to document post-remediation saturated soil conditions after the performance of the remedial injection at the site in May 2021.

Per WDNR request in the February 25th 2025 letter and discussions during the meeting with the WDNR on April 7th 2025, the installation of an additional piezometer (SB-32/P-2) is proposed to be performed and is scheduled to be nested with the down-gradient TW-8 GWMW to further assess the potential vertical migration of the site CVOC COCs. The well is anticipated to be installed at a similar depth to the existing piezometer (P-1), around approximately 30-35 feet bgs. If odors and/or staining is observed in the SB-32/P-2 soils, a soil sample will be collected and submitted for CVOC laboratory analysis. No other soil sample collection is anticipated or proposed for the SB-32/P-2 installation.

Piezometer P-2 is proposed to be installed and nested with the TW-8 GWMW since TW-8 and TW-9 have been consistently identified as the down-gradient well locations on the eastern portion of the site. Groundwater elevation data tables with tabulated site GWMW water table elevations are included in Attachment 1. KEC is scheduled to re-survey site GWMWs to establish elevations for the proposed P-2 piezometer.

5.1.2 Groundwater Investigation

Per WDNR request in the February 25th 2025 WDNR letter and discussions during the meeting with the WDNR on April 7th 2025, additional groundwater monitoring events are anticipated to document groundwater sample analysis in the newly installed piezometer (P-2), additional definition of the degree and extent of potential CVOC groundwater impacts, as well as field and laboratory NA parameter groundwater sample analysis. Based on review of the RR-614 WDNR guidance document; Field NA parameters anticipated to be collected from groundwater samples are: DO, ORP, and pH. Based on review of the RR-614 WDNR guidance document; Groundwater samples are proposed to be submitted for NA parameter laboratory analysis consisting of: Nitrate, Manganese, Ferrous Iron, Sulfate, Methane, and Alkalinity. The existing GWMW network and the newly installed P-2 are proposed to be monitored for two to three groundwater sampling events depending upon groundwater sample results. Groundwater samples are proposed to be submitted to Pace Analytical for laboratory analysis of the NA parameters listed above as well as for CVOC analysis. Per WDNR request, the purpose of the proposed groundwater sample NA parameter sample analysis is to document the effectiveness of the natural biodegradation of the COCs in the subsurface as well as the effectiveness of the

remedial injection performed in May 2021. Depending upon initial groundwater sample results, individual wells may be removed from follow-up sample events if no NR 140 impacts are present.

Per WDNR request, the initial groundwater sample collected from the source-area TW-4RR GWMW will also be submitted for laboratory analysis of 1,4-Dioxane. Depending upon the initial 1,4-Dioxane laboratory sample results, future groundwater samples from the TW-4RR GWMW may also be submitted for 1,4-Dioxane analysis.

The GWMW top-of-casing and ground surface elevations will be re-surveyed to document the installation of the P-2 piezometer and to incorporate the piezometer into the existing GWMW network.

To measure the well volume, the depth to the static water level and to the bottom of the well will be measured from the survey reference point (the highest point on the well casing). The water level meter will be decontaminated between measurements. Well volume will be calculated using the depth to water, well depth and well radius. Groundwater samples will be obtained in accordance with NR 700 procedures. Prior to sampling, each well will be purged of at least three well volumes. Following the well purging process, groundwater samples will be collected by well-dedicated disposable bailers. All samples requiring preservation will be preserved in the field. If free product is encountered, the product level will be recorded, the product will be removed.

5.1.3 Vapor Investigation

Per WDNR request in the February 25th 2025 WDNR letter and discussions during the meeting with the WDNR on April 7th 2025, additional vapor sampling events are anticipated to consist of three to four paired IA sample collection and PFE reading collection events to document the effectiveness of the existing VMS in accordance with the RR-800 Vapor Intrusion guidance document. In accordance with RR-800, the IA vapor samples and PFE readings are proposed to be collected during seasonal high-water table elevation (spring), cooling season (summer), and the heating season (winter). The indoor air samples are proposed to be collected utilizing 7-day Radiello passive air samplers provided by Eurofins. An outdoor air sample (OA-1) is also proposed to be collected, the specific outdoor air sample location will be determined in the field during sampling.

The existing sub-slab vapor sample location SS-2/VP-4 is proposed to be re-sampled for one to two seasonal events, one of which occurring in the heating season. As depicted on the A.4 Data Table included in Attachment 1, the other sub-slab vapor sample locations (SS-1, SS-3, and SS-4) have not been identified with a CVOC VRSL sub-slab vapor impact in the last 3 consecutive vapor sampling events. As such, the collection of additional sub-slab vapor samples from those locations is not considered warranted. As previously mentioned, KEC will collect additional PFE readings during seasonal indoor air sampling events

and based on those results, will determine if additional sub-slab vapor samples in the area of SS-2/VP-4 are considered warranted.

If future SS-2/VP-4 sample results identify CVOC VRSL exceedances and PFE readings in the area of SS-2 do not meet the regulatory standard of 0.004 inches of water column; then the performance of additional sub-slab sampling in the area of SS-2 may be considered warranted in accordance with RR-800. PFE readings performed to date have not identified less than a 0.004 reading in the SS-2 area.

Proposed sub-slab vapor sampling within the site building will be completed using Cox Colvin Vapor Pin Kit equipment. The sampling techniques consist of drilling a 5/8" hole through the concrete floor-slab at pre-existing sample locations using a hammer drill. Dust created from drilling will be contained and cleaned with a Hepa Vacuum. Upon completion of drilling, a copper vapor pin and silicon sleeve will be driven into the sub-slab vapor port. A sample train composed of a moisture filter, 1/4" outer diameter (O.D.) Teflon tubing, 3/8" O.D. Teflon tubing, and plastic plumbing T-fitting and stop-valves, will be connected to the vapor pin and the laboratory provided 6-liter summa canister. Water Dam and Shut-In quality assurance/quality control (QA/QC) tests will be performed on the summa canister, sample tubing, and vapor pin connections to verify that no leaks are present. After verifying air-tight connections, the summa canister will be allowed to collect a vapor sample over a time period of 30 minutes. Upon sample completion, the drilled hole will be filled and plugged with a mixture of quick-crete and water and made flush with the ground surface. The summa canister(s) will then be submitted to Eurofins for CVOC laboratory analysis.

The proposed Radiello indoor/outdoor passive air sampling method consists of assembling the support plate, clip and sample cartridge in accordance with laboratory provided instructions. Adhesive labels are attached to the support plate to identify the sample(s) collected and date/time of sampling recorded. The passive air sample cartridge is hung in the breathing zone and allowed to collect an air sample over a period of 7 days. Upon completion, the sample equipment is disassembled, sample cartridge maintained, and date/time recorded. The Radiello samplers will then be submitted to Eurofins for CVOC laboratory analysis.

The newly proposed soil, groundwater, and vapor sample locations are depicted in red on Figure B.1.b included as Attachment 2.

5.2 Quality Control/Quality Assurance

Groundwater samples will be stored on ice and delivered to the lab under standard Chain of Custody procedures within acceptable holding times. A trip blank supplied by the laboratory will be submitted for analysis during each round of sampling.

5.3 Decontamination Procedures

The down-hole drilling equipment will be decontaminated prior to mobilization and between boring locations using a high-pressure steam cleaner. The split spoon soil sampler and soil probe sampler will be decontaminated between each use. Decontamination will consist of tap water and detergent wash, tap water rinse and a distilled water rinse. Decontamination water will not be contained.

Well-dedicated disposable bailers will be used for each sampling event. The water level meter will be decontaminated with a detergent wash, tap water rinse and distilled water rinse between each well.

Dedicated pre-constructed vapor sampling-trains will be utilized at each sub-slab vapor sample location. Vapor sample trains will be air-equilibrated and air-purged back at the office between each vapor sampling event.

5.4 Investigative Wastes

Investigative waste will be stored in labeled 55-gallon drums. The drums will be stored on-site for later off-site management at an appropriately licensed facility.

6.0 Schedule

The outlined scope of services are scheduled to begin concurrently with WDNR approval of the proposed work plan. A combination SI/RA report documenting the procedures and results of the investigation will be submitted at the completion of the investigation.

The completed SI report will also make recommendations for Case Closure, if warranted.

Attachment-1

Table A.1. Groundwater Analytical
BRRTS#: 02-67-579813
Barton Products (Former Prism Manufacturing Facility)
4991 Hron Road, West Bend, WI

	TW1	TW2	TW3	TW4	DUP	TW4	TW4	TW-4R	TW-4RR							TW5		TW6	TW7
	6/12/17	6/12/17	6/12/17	6/12/17	6/12/17	8/9/18	######	3/4/20	6/9/21	9/23/21	10/7/22	1/11/23	4/13/23	7/12/23	2/2/24	6/12/17	12/21/17	6/12/17	6/12/17
Metals(dissolved, ug/L)																			
Barium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Iron, Dissolved	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOCs (ug/L)																			
Acetone	<9.0	25J	<9.0	<900	<900	---	---	---	---	---	---	---	---	---	---	16J	<9.0	28J	22J
Benzene	---	---	---	---	---	<0.25	<1.2	<2.5	<1.5	<14.8	<0.3	<15	<0.3	---	---	---	---	---	---
Bromobenzene	---	---	---	---	---	<0.24	<1.2	<2.4	<1.8	<18.0	<0.34	<17	<0.34	---	---	---	---	---	---
Bromochloromethane	---	---	---	---	---	<0.36	<1.8	<3.6	<1.8	<17.9	<0.36	---	<0.36	---	---	---	---	---	---
Bromodichloromethane	---	---	---	---	---	<0.36	<1.8	<3.6	<2.1	<20.8	<0.36	<18	<0.42	---	---	---	---	---	---
Bromoform	---	---	---	---	---	<4.0	<19.9	<39.7	<19.0	<190	<0.42	<21	<0.43	---	---	---	---	---	---
Bromomethane	---	---	---	---	---	<0.97	<4.9	<9.7	<6.0	<59.6	---	---	<1.2	---	---	---	---	---	---
2.Butanone (MEK)	<4.0	6.9J	<4.0	<400	<400	---	---	---	---	---	---	---	---	---	---	4.3J	4	8.9J	<4.0
n-Butylbenzene	---	---	---	---	---	<0.71	<3.5	<7.1	<4.3	<42.9	1.32J	<35.5	<0.86	---	---	---	---	---	---
sec-Butylbenzene	---	---	---	---	---	<0.85	<4.2	<8.5	<2.1	<21.2	4	<16.5	2.2	---	---	---	---	---	---
tert-Butylbenzene	---	---	---	---	---	<0.30	<1.5	<3.0	<2.9	<29.3	0.39J	<18.5	<0.59	---	---	---	---	---	---
Carbon tetrachloride	---	---	---	---	---	<0.17	<0.83	<16.4	<1.8	<18.5	<0.34	<17	<0.37	---	---	---	---	---	---
Chlorobenzene	---	---	---	---	---	<0.71	<3.6	<7.1	<4.3	<42.8	<0.29	<14.5	<0.86	---	---	---	---	---	---
Chloroethane	---	---	---	---	---	<1.3	<6.7	<13.4	<6.9	<69.0	<0.62	<31	<1.4	---	---	---	---	---	---
Chloroform	---	---	---	---	---	<1.3	<6.4	<12.7	<5.9	<59.1	<0.33	<16.5	<0.50	---	---	---	---	---	---
Chloromethane	---	---	---	---	---	<2.2	<10.9	<21.9	<8.2	<81.8	<0.74	**249**	<1.6	---	---	---	---	---	---
2-Chlorotoluene	---	---	---	---	---	<0.93	<4.6	<9.3	<4.4	<44.5	<0.34	<17	<0.89	---	---	---	---	---	---
4-Chlorotoluene	---	---	---	---	---	<0.76	<3.8	<7.6	<4.5	<44.7	<0.4	<20	<0.89	---	---	---	---	---	---
1,2Dibromo-3-chloropropane	---	---	---	---	---	<1.8	<8.8	<17.6	<11.8	<118	<0.74	<37	<2.4	---	---	---	---	---	---
Dibromochloromethane	---	---	---	---	---	<2.6	<13.0	<26.0	<13.2	<132	<0.36	<18	<2.6	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	---	---	---	---	---	<0.83	<4.1	<8.3	<1.5	<15.5	---	<19.5	<0.31	---	---	---	---	---	---
Dibromomethane	---	---	---	---	---	<0.94	<4.7	<9.4	<5.0	<49.5	---	<18	<0.99	---	---	---	---	---	---
1,2-Dichlorobenzene	---	---	---	---	---	<0.71	<3.5	<7.1	<1.6	<16.3	<0.4	<20	<0.33	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	<0.63	<3.1	<6.3	<1.8	<17.6	<0.35	<17.5	<0.35	---	---	---	---	---	---
1,4-Dichlorbenzene	---	---	---	---	---	<0.94	<4.7	<9.4	<4.5	<44.6	<0.49	<24.5	<0.89	---	---	---	---	---	---
Dichlorodifluoromethane	---	---	---	---	---	<0.50	<2.5	<5.0	<2.3	<22.8	<0.3	<15	<0.46	---	---	---	---	---	---
1,1-Dichloroethane	<0.30	0.96J	16	100J	69J	<0.27	<1.4	31.5	21.9	34.7J	22.8	28J	14.6	---	16.3J	<0.30	<0.30	<0.30	4.9
1,2-Dichloroethane	---	---	---	---	---	<0.28	<1.4	<2.8	<1.5	<14.6	0.80J	<21.5	<0.29	---	<7.3	---	---	---	---
1,1-Dichloroethene	<0.40	<0.40	*4.3*	<40	<40	*1.6*	<1.2	*5.4*	<2.9	<29.1	**17**	48J	**10.5**	---	<14.6	<0.40	<0.40	<0.40	<0.40
cis-1,2-Dichloroethene	<0.30	<0.30	0.3J	**17000**	**15000**	**4930**	**759**	**5750**	**4200**	**6170**	**7400**	**8000**	**3550**	**8400**	**3460**	<0.30	<0.30	<0.30	**590**
trans-1,2-Dichloroethene	<0.60	<0.60	<0.60	<60	<60	5.5	<5.5	16.1J	**423**	34.9J	*50*	35J	19.5	25.5J	23.7J	<0.60	<0.60	<0.60	4.1
1,2-Dichloropropane	---	---	---	---	---	<0.28	<1.4	<2.8	<2.2	<22.4	<0.39	<19.5	<0.45	---	---	---	---	---	---
1,3-Dichloropropane	---	---	---	---	---	<0.83	<4.1	<8.3	<1.5	<15.2	<0.38	<19	<0.30	---	---	---	---	---	---
2,2-Dichloropropane	---	---	---	---	---	<2.3	<11.3	<22.7	<20.9	<209	---	---	<0.42	---	---	---	---	---	---
1,1-Dichloropropene	---	---	---	---	---	<0.54	<2.7	<5.4	<2.1	<20.5	---	---	<0.41	---	---	---	---	---	---
cis-1,3-Dichloropropene	---	---	---	---	---	<3.6	<18.1	<36.3	<1.8	<17.9	<0.41	<20.5	<0.24	---	---	---	---	---	---
trans-1,3-Dichlorpropene	---	---	---	---	---	<4.4	<21.9	<43.7	<17.3	<173	<0.41	<20.5	<0.27	---	---	---	---	---	---
Diisopropyl either	---	---	---	---	---	<1.9	<9.4	<18.9	<5.5	<55.0	<0.48	<24	<1.1	---	---	---	---	---	---
Ethylbenzene	---	---	---	---	---	<0.22	<1.1	<3.2	<1.6	<16.3	1.39	<16.5	<0.33	---	---	---	---	---	---
Hexachlorobutadiene	---	---	---	---	---	---	---	---	---	---	<0.81	<40.5	---	---	---	---	---	---	---
Hexachloro-1,3-butadiene	---	---	---	---	---	<1.2	<5.9	<14.6	<13.7	<137	---	---	<2.7	---	---	---	---	---	---
Isopropylbeneze (Cumene)	---	---	---	---	---	<0.39	<2.0	<16.9	<5.0	<50.0	5.4	<17	2.5J	---	---	---	---	---	---
p-Isopropyltoluene	---	---	---	---	---	<0.80	<4.0	<8.0	<5.2	<52.2	<0.47	<23.5	<1.0	---	---	---	---	---	---
4-Methyl-2-pentanone	<6.0	<6.0	<6.0	<600	<600	---	---	---	---	---	---	---	---	---	---	<6.0	<6.0	8.3J	6.8J
Methylene Chloride	---	---	---	---	---	<0.58	<2.9	<5.8	<1.6	<16.0	<0.79	<39.5	<0.32	---	---	---	---	---	---
Methyl-tert-butyl ether	---	---	---	---	---	<1.2	<6.2	<12.5	<5.6	<56.5	<0.47	<23.5	<1.1	---	---	---	---	---	---
Naphthalene	<0.70	<0.70	<0.70	<70	<70	<1.2	<5.9	<11.8	<5.6	<56.5	<1.4	<70	<1.9	---	---	<0.70	<0.70	<0.70	<0.70
n-Propylbenzene	---	---	---	---	---	<0.81	<4.1	<8.1	1.9J	<17.3	3.16	<19.5	0,54J	---	---	---	---	---	---
Styrene	---	---	---	---	---	<0.47	<2.3	<30.1	<1.8	<17.8	---	---	<0.36	---	---	---	---	---	---
1,1,1,2-Tetrachloroethane	---	---	---	---	---	<0.27	<1.3	<2.7	<1.8	<17.8	<0.55	<27.5	<0.36	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	---	---	---	---	---	<0.28	<1.4	<2.8	<1.9	<18.9	<0.43	<21.5	<0.38	---	---	---	---	---	---
Tetrachlorethene	---	---	---	---	---	0.36J	<1.6	<3.3	<2.0	<20.4	<0.47	<23.5	<0.41	<23.5	<10.2	---	---	---	---
Tetrahydrofuran	<3.0	<3.0	<3.0	330J	320J	---	---	---	---	---	---	---	---	---	---	<3.0	<3.0	<3.0	<3.0
Toluene	<0.30	<0.30	<0.30	<30	<30	0.29J	<0.86	<2.7	<1.4	<14.4	0.43J	<16.5	0.45J	---	---	<0.30	<0.30	0.42J	0.4J
1,2,3-Trichlorobenzene	---	---	---	---	---	<0.63	<3.1	<22.1	<5.1	<50.9	<1.4	<70	<1.0	---	---	---	---	---	---
1,2,4-Trichlorobenzene	---	---	---	---	---	<0.95	<4.8	<9.5	<4.8	<47.5	<0.63	<31.5	<0.95	---	---	---	---	---	---
1,1,1-Trichloroethane	<0.50	2.1	21	<50	<50	<0.24	<1.2	<2.4	25.7	*67.6*	*45*	**314**	*89.4*	---	*76.2*	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichlorethane	---	---	---	---	---	<0.55	<2.8	<5.5	<1.7	<17.2	*2.19*	<21	0.72J	---	<8.6	---	---	---	---
Trichlorethene (TCE)	0.63J	0.46J	*1.4*	**7600**	**6700**	*3.18*	**118**	**81.5**	*1.17*	**490**	**360**	**2440**	**992**	36J	**437**	<0.30	<0.30	<0.30	**14**
Trichlorofluoromethane	---	---	---	---	---	<0.21	<1.1	<2.1	<2.1	<20.9	<0.33	<16.5	<0.42	---	---	---	---	---	---
1,2,3-Trichloropropane	---	---	---	---	---	<0.59	<3.0	<5.9	<2.8	<27.8	---	---	<0.56	---	---	---	---	---	---
1,2,4-Trimethylbenzene	<0.40	<0.40	<0.40	<0.40	<0.40	<0.84	<4.2	<8.4	<2.2	<22.4	1.67	<17.5	1.2	---	---	<0.40	<0.40	0.57J	0.55J
1,3,5-Trimethylbenzene	---	---	---	---	---	<0.87	<4.4	<8.7	<1.8	<17.9	<0.41	<20.5	<0.36	---	---	---	---	---	---
vinyl chloride	<0.19	<0.19	<0.19	<0.19	<0.19	**0.76**	<0.87	**2.4**	**1.9**	<8.7	**3.05**	<7.5	**1.5**	<7.5	<4.4	<0.19	<0.19	<0.19	**0.79**
m&p-Xylene	<0.50	<0.50	<0.50	<0.50	<0.50	<0.47	<2.3	<4.7	<3.5	<35.0	<0.64	<32	<0.70	---	---	<0.50	<0.50	<0.50	0.55J
o-Xylene	---	---	---	---	---	<0.26	<1.3	<2.6	<1.7	<17.4	<0.37	<18.5	<0.35	---	---	---	---	---	---
Xylenes(total)	---	---	---	---	---	<0.73	<3.6	<7.3	<5.2	<52.4	<1.01	<50.5	<1.05	---	---	---	---	---	---
PAHs (ug/L)																			
Benzo (b) flouranthene	---	<0.005	<0.005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Flouranthene	---	0.016J	<0.009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	---	<0.14	<0.14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

	TW8								TW9		TW10
	#####	8/9/18	11/27/18	3/8/19	3/4/20	6/9/21	9/23/21	10/7/22	6/12/17	10/7/22	12/19/17
Metals(dissolved, ug/L)											
Barium	---	---	---	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---	---	---	---
Iron, Dissolved	---	---	---	---	---	---	---	---	---	---	---
VOCs (ug/L)											
Acetone	10J	---	---	---	---	---	---	---	<9.0	---	53
Benzene	---	<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.3	---	<0.3	---
Bromobenzene	---	<0.24	<0.24	<0.24	<0.24	<0.36	<0.36	<0.34	---	<0.34	---
Bromochloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	---	---		---
Bromodichloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.42	<0.42	<0.36	---	<0.36	---
Bromoform	---	<4.0	<4.0	<4.0	<4.0	<3.8	<3.8	<0.42	---	<0.42	---
Bromomethane	---	< 0.97	< 0.97	< 0.97	< 0.97	<1.2	<1.2	---	---	---	---
2.Butanone (MEK)	<4.0	---	---	---	---	---	---	---	<4.0	---	<20
n-Butylbenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.71	---	<0.71	---
sec-Butylbenzene	---	<0.85	<0.85	<0.85	<0.85	<0.42	<0.42	<0.33	---	<0.33	---
tert-Butylbenzene	---	<0.30	<0.30	<0.30	<0.30	<0.59	<0.59	<0.34	---	<0.34	---
Carbon tetrachloride	---	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.34	---	<0.34	---
Chlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.29	---	<0.29	---
Chloroethane	---	<1.3	<1.3	<1.3	<1.3	<1.4	<1.4	<0.62	---	<0.62	---
Chloroform	---	<1.3	<1.3	<1.3	<1.3	<1.2	<1.2	<0.33	---	<0.33	---
Chloromethane	---	<2.2	<2.2	<2.2	<2.2	<1.6	<1.6	<0.74	---	<0.74	---
2-Chlorotoluene	---	<0.93	<0.93	<0.93	<0.93	<0.89	<0.89	<0.34	---	<0.34	---
4-Chlorotoluene	---	<0.76	<0.76	<0.76	<0.76	<0.89	<0.89	<0.4	---	<0.4	---
1,2Dibromo-3-chloropropane	---	<1.8	<1.8	<1.8	<1.8	<2.4	<2.4	<0.74	---	<0.74	---
Dibromochloromethane	---	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<0.36	---	<0.36	---
1,2-Dibromoethane (EDB)	---	<0.83	<0.83	<0.83	<0.83	<0.31	<0.31	---	---	---	---
Dibromomethane	---	<0.94	<0.94	<0.94	<0.94	<0.99	<0.99	---	---	---	---
1,2-Dichlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.33	<0.33	<0.4	---	<0.4	---
1,3-Dichlorobenzene	---	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35	---	<0.35	---
1,4-Dichlorbenzene	---	<0.94	<0.94	<0.94	<0.94	<0.89	<0.89	<0.49	---	<0.49	---
Dichlorodifluoromethane	---	<0.50	<0.50	<0.50	<0.50	<0.46	<0.46	<0.3	---	<0.3	---
1,1-Dichloroethane	<0.30	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.43	<0.30	<0.43	2.9
1,2-Dichloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.43	---	<0.43	---
1,1-Dichloroethene	<0.40	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.43	<0.40	<0.43	<2.0
cis-1,2-Dichloroethene	2.9	<0.27	<0.27	<0.27	1.1	1.5	5.4	<0.32	<0.30	<0.32	3.8
trans-1,2-Dichloroethene	<0.60	<1.1	<1.1	<1.1	<1.1	<0.53	<0.53	<0.5	<0.60	<0.5	<3.0
1,2-Dichloropropane	---	<0.28	<0.28	<0.28	<0.28	<0.45	<0.45	<0.39	---	<0.39	---
1,3-Dichloropropane	---	<0.83	<0.83	<0.83	<0.83	<0.30	<0.30	<0.38	---	<0.38	---
2,2-Dichloropropane	---	<2.3	<2.3	<2.3	<2.3	<4.2	<4.2	---	---	---	---
1,1-Dichloropropene	---	<0.54	<0.54	<0.54	<0.54	<0.41	<0.41	---	---	---	---
cis-1,3-Dichloropropene	---	<3.6	<3.6	<3.6	<3.6	<0.36	<0.36	<0.41	---	<0.41	---
trans-1,3-Dichlorpropene	---	<4.4	<4.4	<4.4	<4.4	<3.5	<3.5	<0.41	---	<0.41	---
Diisopropyl either	---	<1.9	<1.9	<1.9	<1.9	<1.1	<1.1	<0.48	---	<0.48	---
Ethylbenzene	---	<0.22	<0.22	<0.22	<0.32	<0.33	<0.33	<0.33	---	<0.33	---
Hexachlorobutadiene	---	---	---	---	---	---	---	<0.81	---	<0.81	---
Hexachloro-1,3-butadiene	---	<1.2	<1.2	<1.2	<1.5	<2.7	<2.7	---	---	---	---
Isopropylbeneze (Cumene)	---	<0.39	<0.39	<0.39	<1.7	<1.0	<1.0	<0.34	---	<0.34	---
p-Isopropyltoluene	---	<0.80	<0.80	<0.80	<0.80	<1.0	<1.0	<0.47	---	<0.47	---
4-Methyl-2-pentanone	<6.0	---	---	---	---	---	---	---	<6.0	---	<30
Methylene Chloride	---	<0.58	<0.58	<0.58	<0.58	<0.32	<0.32	<0.79	---	<0.79	---
Methyl-tert-butyl ether	---	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<0.47	---	<0.47	---
Naphthalene	<0.70	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.4	<0.70	<1.4	<3.5
n-Propylbenzene	---	<0.81	<0.81	<0.81	<0.81	<0.35	<0.35	<0.39	---	<0.39	---
Styrene	---	<0.47	<0.47	<0.47	<3.0	<0.36	<0.36	---	---	---	---
1,1,1,2-Tetrachloroethane	---	<0.27	<0.27	<0.27	<0.27	<0.36	<0.36	<0.55	---	<0.55	---
1,1,2,2-Tetrachloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38	<0.43	---	<0.43	---
Tetrachlorethene	---	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.47	---	<0.47	---
Tetrahydrofuran	<3.0	---	---	---	---	---	---	---	<3.0	---	<15
Toluene	<0.30	<0.17	0.21J	<0.17	<0.27	<0.29	<0.29	<0.33	<0.30	0.38J	<1.5
1,2,3-Trichlorobenzene	---	<0.63	<0.63	<0.63	<2.2	<1.0	<1.0	<1.4	---	<1.4	---
1,2,4-Trichlorobenzene	---	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.63	---	<0.63	---
1,1,1-Trichloroethane	<0.50	<0.24	<0.24	<0.24	<0.24	<0.30	<0.51J	<0.33	<0.50	<0.33	<2.5
1,1,2-Trichlorethane	---	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.42	---	<0.42	---
Trichlorethene (TCE)	*3.5*	<0.26	<0.26	<0.26	**29**	*2*	**8.2**	<0.38	<0.30	<0.38	**5.9**
Trichlorofluoromethane	---	<0.21	<0.21	<0.21	<0.21	<0.42	<0.42	<0.33	---	<0.33	---
1,2,3-Trichloropropane	---	<0.59	<0.59	<0.59	<0.59	<0.56	<0.56	---	---	---	---
1,2,4-Trimethylbenzene	0.53J	<0.84	<0.84	<0.84	<0.84	<0.45	<0.45	<0.35	<0.40	<0.35	<2.0
1,3,5-Trimethylbenzene	---	<0.87	<0.87	<0.87	<0.87	<0.36	<0.36	<0.41	---	<0.41	---
vinyl chloride	<0.19	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.15	<0.19	<0.15	<0.95
m&p-Xylene	<0.50	<0.47	<0.47	<0.47	<0.47	<0.70	<0.70	<0.64	<0.50	<0.64	<2.5
o-Xylene	---	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.37	---	<0.37	---
Xylenes(total)	---	<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.01	---	<1.01	---
PAHs (ug/L)											
Benzo (b) flouranthene	---	---	---	---	---	---	---	---	---	---	---
Flouranthene	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	---	---	---	---	---	---	---	---	---	---	---

	MW1											
	1/16/18	8/9/18	11/29/18	3/8/19	3/4/20	6/9/21	9/23/21	10/7/22	1/11/23	4/13/23	7/12/23	2/2/24
Metals(dissolved, ug/L)												
Barium	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---	---	---	---	---
Iron, Dissolved	---	---	---	---	---	---	---	---	---	---	---	---
VOCs (ug/L)												
Acetone	15	---	---	---	---	---	---	---	---	---	---	---
Benzene	---	<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.3	<0.3	<0.3	---	---
Bromobenzene	---	<0.24	<0.24	<0.24	<0.24	<0.36	<0.36	<0.34	<0.34	<0.34	---	---
Bromochloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	---	---	<0.36	---	---
Bromodichloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.42	<0.42	<0.36	<0.36	<0.36	---	---
Bromoform	---	<4.0	<4.0	<4.0	<4.0	<3.8	<3.8	<0.42	<0.42	<0.42	---	---
Bromomethane	---	<0.97	<0.97	<0.97	<0.97	<1.2	<1.2	---	---	<1.2	---	---
2.Butanone (MEK)	<2.0	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.71	<0.71	<0.86	---	---
sec-Butylbenzene	---	<0.85	<0.85	<0.85	<0.85	<0.42	<0.42	<0.33	<0.33	<0.42	---	---
tert-Butylbenzene	---	<0.30	<0.30	<0.30	<0.30	<0.59	<0.59	<0.34	<0.34	<0.59	---	---
Carbon tetrachloride	---	<0.17	<0.17	<0.17	<0.16	<0.37	<0.37	<0.34	<0.34	<0.37	---	---
Chlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.29	<0.29	<0.86	---	---
Chloroethane	---	<1.3	<1.3	<1.3	<1.3	<1.4	<1.4	<0.62	<0.62	<1.4	---	---
Chloroform	---	<1.3	<1.3	<1.3	<1.3	<1.2	<1.2	<0.33	<0.33	<1.2	---	---
Chloromethane	---	<2.2	<2.2	<2.2	<2.2	<1.6	<1.6	<0.74	<0.74	<1.6	---	---
2-Chlorotoluene	---	<0.93	<0.93	<0.93	<0.93	<0.89	<0.89	<0.34	<0.34	<0.89	---	---
4-Chlorotoluene	---	<0.76	<0.76	<0.76	<0.76	<0.89	<0.89	<0.4	<0.4	<0.89	---	---
1,2Dibromo-3-chloropropane	---	<1.8	<1.8	<1.8	<1.8	<2.4	<2.4	<0.74	<0.74	<2.4	---	---
Dibromochloromethane	---	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<0.36	<0.36	<2.6	---	---
1,2-Dibromoethane (EDB)	---	<0.83	<0.83	<0.83	<0.83	<0.31	<0.31	<0.39	<0.39	<0.31	---	---
Dibromomethane	---	<0.94	<0.94	<0.94	<0.94	<0.99	<0.99	---	---	<0.99	---	---
1,2-Dichlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.33	<0.33	<0.4	<0.4	<0.33	---	---
1,3-Dichlorobenzene	---	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35	<0.35	<0.35	---	---
1,4-Dichlorbenzene	---	<0.94	<0.94	<0.94	<0.94	<0.89	<0.89	<0.49	<0.49	<0.89	---	---
Dichlorodifluoromethane	---	<0.50	<0.50	<0.50	<0.50	<0.46	<0.46	<0.3	<0.3	<0.46	---	---
1,1-Dichloroethane	<0.41	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.43	<0.43	<0.30	---	<0.30
1,2-Dichloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.43	<0.43	<0.29	---	<0.29
1,1-Dichloroethene	<0.39	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.43	<0.43	<0.58	---	<0.58
cis-1,2-Dichloroethene	<0.41	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.32	<0.32	<0.47	<0.32	<0.47
trans-1,2-Dichloroethene	<0.35	<1.1	<1.1	<1.1	<1.1	<0.53	<0.53	<0.5	<0.5	<0.53	<0.5	<0.53
1,2-Dichloropropane	---	<0.28	<0.28	<0.28	<0.28	<0.45	<0.45	<0.39	<0.39	<0.45	---	---
1,3-Dichloropropane	---	<0.83	<0.83	<0.83	<0.83	<0.30	<0.30	<0.38	<0.38	<0.30	---	---
2,2-Dichloropropane	---	<2.3	<2.3	<2.3	<2.3	<4.2	<4.2	---	---	<0.42	---	---
1,1-Dichloropropene	---	<0.54	<0.54	<0.54	<0.54	<0.41	<0.41	---	---	<0.41	---	---
cis-1,3-Dichloropropene	---	<3.6	<3.6	<3.6	<3.6	<0.36	<0.36	<0.41	<0.41	<0.24	---	---
trans-1,3-Dichlorpropene	---	<4.4	<4.4	<4.4	<4.4	<3.5	<3.5	<0.41	<0.41	<0.27	---	---
Diisopropyl either	---	<1.9	<1.9	<1.9	<1.9	<1.1	<1.1	<0.48	<0.48	<1.1	---	---
Ethylbenzene	---	<0.22	<0.22	<0.22	<0.32	<0.33	<0.33	<0.33	<0.33	<0.33	---	---
Hexachlorobutadiene	---	---	---	---	---	---	---	<0.81	<0.81	---	---	---
Hexachloro-1,3-butadiene	---	<1.2	<1.2	<1.2	<1.5	<2.7	<2.7	---	---	<2.7	---	---
Isopropylbeneze (Cumene)	---	<0.39	<0.39	<0.39	<1.7	<1.0	<1.0	<0.34	<0.34	<1.0	---	---
p-Isopropyltoluene	---	<0.80	<0.80	<0.80	<0.80	<1.0	<1.0	<0.47	<0.47	<1.0	---	---
4-Methyl-2-pentanone	<2.2	---	---	---	---	---	---	---	---	---	---	---
Methylene Chloride	---	<0.58	<0.58	<0.58	<0.58	<0.32	<0.32	<0.79	<0.79	<0.32	---	---
Methyl-tert-butyl ether	---	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<0.47	<0.47	<1.1	---	---
Naphthalene	<0.34	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.4	<1.4	<1.9	---	---
n-Propylbenzene	---	<0.81	<0.81	<0.81	<0.81	<0.35	<0.35	<0.39	<0.39	<0.35	---	---
Styrene	---	<0.47	<0.47	<0.47	<3.0	<0.36	<0.36	---	---	<0.36	---	---
1,1,1,2-Tetrachloroethane	---	<0.27	<0.27	<0.27	<0.27	<0.36	<0.36	<0.55	<0.55	<0.36	---	---
1,1,2,2-Tetrachloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38	<0.43	<0.43	<0.38	---	---
Tetrachlorethene	---	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.47	<0.47	<0.41	<0.47	<0.41
Tetrahydrofuran	<1.9	---	---	---	---	---	---	---	---	---	---	---
Toluene	<0.15	<0.17	<0.17	<0.17	<0.27	<0.29	<0.29	<0.33	<0.33	<0.29	---	---
1,2,3-Trichlorobenzene	---	<0.63	<0.63	<0.63	<2.2	<1.0	<1.0	<1.4	<1.4	<1.0	---	---
1,2,4-Trichlorobenzene	---	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.63	<0.63	<0.95	---	---
1,1,1-Trichloroethane	<0.38	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.33	<0.33	<0.30	---	<0.30
1,1,2-Trichlorethane		<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.42	<0.42	<0.34	---	<0.34
Trichlorethene (TCE)	<0.43	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.38	<0.38	<0.32	<0.38	<0.32
Trichlorofluoromethane	---	<0.21	<0.21	<0.21	<0.21	<0.42	<0.42	<0.33	<0.33	<0.42	---	---
1,2,3-Trichloropropane	---	<0.59	<0.59	<0.59	<0.59	<0.56	<0.56	---	---	<0.56	---	---
1,2,4-Trimethylbenzene	<0.36	<0.84	<0.84	<0.84	<0.84	<0.45	<0.45	<0.35	<0.35	<0.45	---	---
1,3,5-Trimethylbenzene	---	<0.87	<0.87	<0.87	<0.87	<0.36	<0.36	<0.41	<0.41	<0.36	---	---
vinyl chloride	<0.20	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.15	<0.15	<0.17	<0.15	<0.17
m&p-Xylene	<0.22	<0.47	<0.47	<0.47	<0.47	<0.70	<0.70	<0.64	<0.64	<0.70	---	---
o-Xylene	---	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.37	<0.37	<0.35	---	---
Xylenes(total)	---	<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.01	<1.01	<1.05	---	---
PAHs (ug/L)												
Benzo (b) flouranthene	---	---	---	---	---	---	---	---	---	---	---	---
Flouranthene	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---

	MW2											
	12/19/17	8/9/18	11/27/18	3/8/19	3/4/20	6/9/21	9/23/21	10/7/22	1/11/23	4/13/23	7/12/23	2/2/24
Metals(dissolved, ug/L)												
Barium	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---	---	---	---	---
Iron, Dissolved	---	---	---	---	---	---	---	---	---	---	---	---
VOCs (ug/L)												
Acetone	47	---	---	---	---	---	---	---	---	---	---	---
Benzene	---	<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.3	<0.3	<0.3	---	---
Bromobenzene	---	<0.24	<0.24	<0.24	<0.24	<0.36	<0.36	<0.34	<0.34	<0.36	---	---
Bromochloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	---	---	<0.36	---	---
Bromodichloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.42	<0.42	<0.36	<0.36	<0.42	---	---
Bromoform	---	<4.0	<4.0	<4.0	<4.0	<3.8	<3.8	<0.42	<0.42	<0.43	---	---
Bromomethane	---	<0.97	<0.97	<0.97	<0.97	<1.2	<1.2	---	---	<1.2	---	---
2.Butanone (MEK)	<4.0	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.71	<0.71	<0.86	---	---
sec-Butylbenzene	---	<0.85	<0.85	<0.85	<0.85	<0.42	<0.42	<0.33	<0.33	<0.42	---	---
tert-Butylbenzene	---	<0.30	<0.30	<0.30	<0.30	<0.59	<0.59	<0.37	<0.37	<0.59	---	---
Carbon tetrachloride	---	<0.17	<0.17	<0.17	<0.16	<0.37	<0.37	<0.34	<0.34	<0.37	---	---
Chlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.29	<0.29	<0.86	---	---
Chloroethane	---	<1.3	<1.3	<1.3	<1.3	<1.4	<1.4	<0.62	<0.62	<1.4	---	---
Chloroform	---	<1.3	<1.3	<1.3	<1.3	<1.2	<1.2	<0.33	<0.33	<0.50	---	---
Chloromethane	---	<2.2	<2.2	<2.2	<2.2	<1.6	<1.6	<0.74	<0.74	<1.6	---	---
2-Chlorotoluene	---	<0.93	<0.93	<0.93	<0.93	<0.89	<0.89	<0.34	<0.34	<0.89	---	---
4-Chlorotoluene	---	<0.76	<0.76	<0.76	<0.76	<0.89	<0.89	<0.4	<0.4	<0.89	---	---
1,2Dibromo-3-chloropropane	---	<1.8	<1.8	<1.8	<1.8	<2.4	<2.4	<0.74	<0.74	<2.4	---	---
Dibromochloromethane	---	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<0.36	<0.36	<2.6	---	---
1,2-Dibromoethane (EDB)	---	<0.83	<0.83	<0.83	<0.83	<0.31	<0.31	---	---	<0.31	---	---
Dibromomethane	---	<0.94	<0.94	<0.94	<0.94	<0.99	<0.99	---	---	<0.99	---	---
1,2-Dichlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.33	<0.33	<0.4	<0.4	<0.33	---	---
1,3-Dichlorobenzene	---	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35	<0.35	<0.35	---	---
1,4-Dichlorbenzene	---	<0.94	<0.94	<0.94	<0.94	<0.89	<0.89	<0.49	<0.49	<0.89	---	---
Dichlorodifluoromethane	---	<0.50	<0.50	<0.50	<0.50	<0.46	<0.46	<0.3	<0.3	<0.46	---	---
1,1-Dichloroethane	<3.0	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.43	<0.43	<0.30	---	<0.30
1,2-Dichloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.43	<0.43	<0.29	---	<0.29
1,1-Dichloroethene	<0.40	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.43	<0.43	<0.58	---	<0.58
cis-1,2-Dichloroethene	<0.30	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.32	<0.32	<0.47	<0.32	<0.47
trans-1,2-Dichloroethene	<0.60	<1.1	<1.1	<1.1	<1.1	<0.53	<0.53	<0.5	<0.5	<0.53	<0.5	<0.53
1,2-Dichloropropane	---	<0.28	<0.28	<0.28	<0.28	<0.45	<0.45	<0.39	<0.39	<0.45	---	---
1,3-Dichloropropane	---	<0.83	<0.83	<0.83	<0.83	<0.30	<0.30	<0.38	<0.38	<0.30	---	---
2,2-Dichloropropane	---	<2.3	<2.3	<2.3	<2.3	<4.2	<4.2	---	---	<0.42	---	---
1,1-Dichloropropene	---	<0.54	<0.54	<0.54	<0.54	<0.41	<0.41	---	---	<0.41	---	---
cis-1,3-Dichloropropene	---	<3.6	<3.6	<3.6	<3.6	<0.36	<0.36	<0.41	<0.41	<0.24	---	---
trans-1,3-Dichlorpropene	---	<4.4	<4.4	<4.4	<4.4	<3.5	<3.5	<0.41	<0.41	<0.27	---	---
Diisopropyl either	---	<1.9	<1.9	<1.9	<1.9	<1.1	<1.1	<0.48	<0.48	<1.1	---	---
Ethylbenzene	---	<0.22	<0.22	<0.22	<0.32	<0.33	<0.33	<0.33	<0.33	<0.33	---	---
Hexachlorobutadiene	---	---	---	---	---	---	---	<0.81	<0.81	---	---	---
Hexachloro-1,3-butadiene	---	<1.2	<1.2	<1.2	<1.5	<2.7	<2.7	---	---	<2.7	---	---
Isopropylbeneze (Cumene)	---	<0.39	<0.39	<0.39	<1.7	<1.0	<1.0	<0.34	<0.34	<1.0	---	---
p-Isopropyltoluene	---	<0.80	<0.80	<0.80	<0.80	<1.0	<1.0	<0.47	<0.47	<1.0	---	---
4-Methyl-2-pentanone	<6.0	---	---	---	---	---	---	---	---	---	---	---
Methylene Chloride	---	<0.58	<0.58	<0.58	<0.58	<0.32	<0.32	<0.79	<0.79	<0.32	---	---
Methyl-tert-butyl ether	---	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<0.47	<0.47	<1.1	---	---
Naphthalene	<0.70	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.4	<1.4	<1.9	---	---
n-Propylbenzene	---	<0.81	<0.81	<0.81	<0.81	<0.35	<0.35	<0.39	<0.39	<0.35	---	---
Styrene	---	<0.47	<0.47	<0.47	<0.30	<0.36	<0.36	---	---	<0.36	---	---
1,1,1,2-Tetrachloroethane	---	<0.27	<0.27	<0.27	<0.27	<0.36	<0.36	<0.55	<0.55	<0.36	---	---
1,1,2,2-Tetrachloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38	<0.43	<0.43	<0.38	---	---
Tetrachlorethene	---	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.47	<0.47	<0.41	<0.47	<0.41
Tetrahydrofuran	<3.0	---	---	---	---	---	---	---	---	---	---	---
Toluene	0.52	<0.17	<0.17	<0.17	<0.27	<0.29	<0.29	<0.33	<0.33	<0.29	---	---
1,2,3-Trichlorobenzene	---	<0.63	<0.63	<0.63	<2.2	<1.0	<1.0	<1.4	<1.4	<1.0	---	---
1,2,4-Trichlorobenzene	---	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.63	<0.63	<0.95	---	---
1,1,1-Trichloroethane	<0.50	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.33	<0.33	<0.30	---	<0.30
1,1,2-Trichlorethane	---	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.42	<0.42	<0.34	---	<0.34
Trichlorethene (TCE)	<0.30	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.38	<0.38	<0.32	<0.38	<0.32
Trichlorofluoromethane	---	<0.21	<0.21	<0.21	<0.21	<0.42	<0.42	<0.33	<0.33	<0.42	---	---
1,2,3-Trichloropropane	---	<0.59	<0.59	<0.59	<0.59	<0.56	<0.56	---	---	<0.56	---	---
1,2,4-Trimethylbenzene	<0.40	<0.84	<0.84	<0.84	<0.84	<0.45	<0.45	<0.35	<0.35	<0.45	---	---
1,3,5-Trimethylbenzene	---	<0.87	<0.87	<0.87	<0.87	<0.36	<0.36	<0.41	<0.41	<0.36	---	---
vinyl chloride	<0.19	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.15	<0.15	<0.17	<0.15	<0.17
m&p-Xylene	<0.50	<0.47	<0.47	<0.47	<0.47	<0.70	<0.70	<0.64	<0.64	<0.70	---	---
o-Xylene	---	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.37	<0.37	<0.35	---	---
Xylenes(total)	---	<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.01	<1.01	<1.05	---	---
PAHs (ug/L)												
Benzo (b) flouranthene	---	---	---	---	---	---	---	---	---	---	---	---
Flouranthene	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---

	MW3							
	######	8/9/18	######	3/8/19	3/4/20	6/9/21	9/23/21	10/7/22
Metals(dissolved, ug/L)								
Barium	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---
Iron, Dissolved	---	---	---	---	---	---	---	---
VOCs (ug/L)								
Acetone	67	---	---	---	---	---	---	---
Benzene	---	<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.3
Bromobenzene	---	<0.24	<0.24	<0.24	<0.24	<0.36	<0.36	<0.34
Bromochloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	---
Bromodichloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.42	<0.42	<0.36
Bromoform	---	<4.0	<4.0	<4.0	<4.0	<3.8	<3.8	<0.42
Bromomethane	---	<0.97	<0.97	<0.97	<0.97	<1.2	<1.2	---
2.Butanone (MEK)	<4.0	---	---	---	---	---	---	---
n-Butylbenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.71
sec-Butylbenzene	---	<0.85	<0.85	<0.85	<0.85	<0.42	<0.42	<0.33
tert-Butylbenzene	---	<0.30	<0.30	<0.30	<0.30	<0.59	<0.59	<0.37
Carbon tetrachloride	---	<0.17	<0.17	<0.17	<0.16	<0.37	<0.37	<0.34
Chlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.29
Chloroethane	---	<1.3	<1.3	<1.3	<1.3	<1.4	<1.4	<0.62
Chloroform	---	<1.3	<1.3	<1.3	<1.3	<1.2	<1.2	<0.33
Chloromethane	---	<2.2	<2.2	<2.2	<2.2	<1.6	<1.6	<0.74
2-Chlorotoluene	---	<0.93	<0.93	<0.93	<0.93	<0.89	<0.89	<0.34
4-Chlorotoluene	---	<0.76	<0.76	<0.76	<0.76	<0.89	<0.89	<0.4
1,2Dibromo-3-chloropropane	---	<1.8	<1.8	<1.8	<1.8	<2.4	<2.4	<0.74
Dibromochloromethane	---	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<0.36
1,2-Dibromoethane (EDB)	---	<0.83	<0.83	<0.83	<0.83	<0.31	<0.31	---
Dibromomethane	---	<0.94	<0.94	<0.94	<0.94	<0.99	<0.99	---
1,2-Dichlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.33	<0.33	<0.4
1,3-Dichlorobenzene	---	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35
1,4-Dichlorbenzene	---	<0.94	<0.94	<0.94	<0.94	<0.89	<0.89	<0.49
Dichlorodifluoromethane	---	<0.50	<0.50	<0.50	<0.50	<0.46	<0.46	<0.3
1,1-Dichloroethane	<3.0	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.43
1,2-Dichloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.43
1,1-Dichloroethene	<0.40	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.43
cis-1,2-Dichloroethene	<0.30	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.32
trans-1,2-Dichloroethene	<0.60	<1.1	<1.1	<1.1	<1.1	<0.53	<0.53	<0.5
1,2-Dichloropropane	---	<0.28	<0.28	<0.28	<0.28	<0.45	<0.45	<0.39
1,3-Dichloropropane	---	<0.83	<0.83	<0.83	<0.83	<0.30	<0.30	<0.38
2,2-Dichloropropane	---	<2.3	<2.3	<2.3	<2.3	<4.2	<4.2	---
1,1-Dichloropropene	---	<0.54	<0.54	<0.54	<0.54	<0.41	<0.41	---
cis-1,3-Dichloropropene	---	<3.6	<3.6	<3.6	<3.6	<0.36	<0.36	<0.41
trans-1,3-Dichlorpropene	---	<4.4	<4.4	<4.4	<4.4	<3.5	<3.5	<0.41
Diisopropyl either	---	<1.9	<1.9	<1.9	<1.9	<1.1	<1.1	<0.48
Ethylbenzene	---	<0.22	<0.22	<0.22	<0.32	<0.33	<0.33	<0.33
Hexachlorobutadiene	---	---	---	---	---	---	---	<0.81
Hexachloro-1,3-butadiene	---	<1.2	<1.2	<1.2	<1.5	<2.7	<2.7	---
Isopropylbeneze (Cumene)	---	<0.39	<0.39	<0.39	<1.7	<1.0	<1.0	<0.34
p-Isopropyltoluene	---	<0.80	<0.80	<0.80	<0.80	<1.0	<1.0	<0.47
4-Methyl-2-pentanone	<6.0	---	---	---	---	---	---	---
Methylene Chloride	---	<0.58	<0.58	<0.58	<0.58	<0.32	<0.32	<0.79
Methyl-tert-butyl ether	---	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<0.47
Naphthalene	<0.70	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.4
n-Propylbenzene	---	<0.81	<0.81	<0.81	<0.81	<0.35	<0.35	<0.39
Styrene	---	0.47J	<0.47	<0.47	<0.30	<0.36	<0.36	
1,1,1,2-Tetrachloroethane	---	<0.27	<0.27	<0.27	<0.27	<0.36	<0.36	<0.55
1,1,2,2-Tetrachloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38	<0.43
Tetrachlorethene	---	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.47
Tetrahydrofuran	<3.0	---	---	---	---	---	---	---
Toluene	0.59	<0.17	<0.17	<0.17	<0.27	<0.29	<0.29	<0.33
1,2,3-Trichlorobenzene	---	<0.63	<0.63	<0.63	<2.2	<1.0	<1.0	<1.4
1,2,4-Trichlorobenzene	---	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.63
1,1,1-Trichloroethane	<0.50	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.33
1,1,2-Trichlorethane		<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.42
Trichlorethene (TCE)	<0.30	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.38
Trichlorofluoromethane	---	<0.21	<0.21	<0.21	<0.21	<0.42	<0.42	<0.33
1,2,3-Trichloropropane	---	<0.59	<0.59	<0.59	<0.59	<0.56	<0.56	
1,2,4-Trimethylbenzene	<0.40	<0.84	<0.84	<0.84	<0.84	<0.45	<0.45	<0.35
1,3,5-Trimethylbenzene	---	<0.87	<0.87	<0.87	<0.87	<0.36	<0.36	<0.41
vinyl chloride	<0.19	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.15
m&p-Xylene	<0.50	<0.47	<0.47	<0.47	<0.47	<0.70	<0.70	<0.64
o-Xylene	---	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.37
Xylenes(total)	---	<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.01
PAHs (ug/L)								
Benzo (b) flouranthene	---	---	---	---	---	---	---	---
Flouranthene	---	---	---	---	---	---	---	---
Naphthalene	---	---	---	---	---	---	---	---

	MW4											
	12/19/17	8/9/18	11/27/18	3/8/19	3/4/20	6/9/21	9/23/21	10/7/22	1/11/23	4/13/23	7/12/23	2/2/24
Metals(dissolved, ug/L)												
Barium	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---	---	---	---	---
Iron, Dissolved	---	---	---	---	---	---	---	---	---	---	---	---
VOCs (ug/L)												
Acetone	<9.0	---	---	---	---	---	---	---	---	---	---	---
Benzene	---	<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.3	<0.3	<0.3	---	---
Bromobenzene	---	<0.24	<0.24	<0.24	<0.24	<0.36	<0.36	<0.34	<0.34	<0.36	---	---
Bromochloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	---	---	<0.36	---	---
Bromodichloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.42	<0.42	<0.36	<0.36	<0.42	---	---
Bromoform	---	<4.0	<4.0	<4.0	<4.0	<3.8	<3.8	<0.42	<0.42	<0.43	---	---
Bromomethane	---	<0.97	<0.97	<0.97	<0.97	<1.2	<1.2	---	---	<1.2	---	---
2.Butanone (MEK)	<4.0	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.71	<0.71	<0.86	---	---
sec-Butylbenzene	---	<0.85	<0.85	<0.85	<0.85	<0.42	<0.42	<0.33	<0.33	<0.42	---	---
tert-Butylbenzene	---	<0.30	<0.30	<0.30	<0.30	<0.59	<0.59	<0.37	<0.37	<0.59	---	---
Carbon tetrachloride	---	<0.17	<0.17	<0.17	<0.16	<0.37	<0.37	<0.34	<0.34	<0.37	---	---
Chlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.29	<0.29	<0.86	---	---
Chloroethane	---	<1.3	<1.3	<1.3	<1.3	<1.4	<1.4	<0.62	<0.62	<1.4	---	---
Chloroform	---	<1.3	<1.3	<1.3	<1.3	<1.2	<1.2	<0.33	<0.33	<0.50	---	---
Chloromethane	---	<2.2	<2.2	<2.2	<2.2	<1.6	<1.6	<0.74	**68**	<1.6	---	---
2-Chlorotoluene	---	<0.93	<0.93	<0.93	<0.93	<0.89	<0.89	<0.34	<0.34	<0.89	---	---
4-Chlorotoluene	---	<0.76	<0.76	<0.76	<0.76	<0.89	<0.89	<0.4	<0.4	<0.89	---	---
1,2Dibromo-3-chloropropane	---	<1.8	<1.8	<1.8	<1.8	<2.4	<2.4	<0.74	<0.74	<2.4	---	---
Dibromochloromethane	---	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<0.36	<0.36	<2.6	---	---
1,2-Dibromoethane (EDB)	---	<0.83	<0.83	<0.83	<0.83	<0.31	<0.31	---	---	<0.31	---	---
Dibromomethane	---	<0.94	<0.94	<0.94	<0.94	<0.99	<0.99	---	---	<0.99	---	---
1,2-Dichlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.33	<0.33	<0.4	<0.4	<0.33	---	---
1,3-Dichlorobenzene	---	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35	<0.35	<0.35	---	---
1,4-Dichlorbenzene	---	<0.94	<0.94	<0.94	<0.94	<0.89	<0.89	<0.49	<0.49	<0.89	---	---
Dichlorodifluoromethane	---	<0.50	<0.50	<0.50	<0.50	<0.46	<0.46	<0.3	<0.3	<0.46	---	---
1,1-Dichloroethane	<3.0	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.43	<0.43	<0.30	---	<0.30
1,2-Dichloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.43	<0.43	<0.29	---	<0.29
1,1-Dichloroethene	<0.40	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.43	<0.43	<0.58	---	<0.58
cis-1,2-Dichloroethene	<0.30	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.32	<0.32	<0.47	<0.32	<0.47
trans-1,2-Dichloroethene	<0.60	<1.1	<1.1	<1.1	<1.1	<0.53	<0.53	<0.5	<0.5	<0.53	<0.5	<0.53
1,2-Dichloropropane	---	<0.28	<0.28	<0.28	<0.28	<0.45	<0.45	<0.39	<0.39	<0.45	---	---
1,3-Dichloropropane	---	<0.83	<0.83	<0.83	<0.83	<0.30	<0.30	<0.38	<0.38	<0.30	---	---
2,2-Dichloropropane	---	<2.3	<2.3	<2.3	<2.3	<4.2	<4.2	---	---	<0.42	---	---
1,1-Dichloropropene	---	<0.54	<0.54	<0.54	<0.54	<0.41	<0.41	---	---	<0.41	---	---
cis-1,3-Dichloropropene	---	<3.6	<3.6	<3.6	<3.6	<0.36	<0.36	<0.41	<0.41	<0.24	---	---
trans-1,3-Dichlorpropene	---	<4.4	<4.4	<4.4	<4.4	<3.5	<3.5	<0.41	<0.41	<0.27	---	---
Diisopropyl either	---	<1.9	<1.9	<1.9	<1.9	<1.1	<1.1	<0.48	<0.48	<1.1	---	---
Ethylbenzene	---	<0.22	<0.22	<0.22	<0.32	<0.33	<0.33	<0.33	<0.33	<0.33	---	---
Hexachlorobutadiene	---	---	---	---	---	---	---	<0.81	<0.81	---	---	---
Hexachloro-1,3-butadiene	---	<1.2	<1.2	<1.2	<1.5	<2.7	<2.7	---	---	<2.7	---	---
Isopropylbeneze (Cumene)	---	<0.39	<0.39	<0.39	<1.7	<1.0	<1.0	<0.34	<0.34	<1.0	---	---
p-Isopropyltoluene	---	<0.80	<0.80	<0.80	<0.80	<1.0	<1.0	<0.47	<0.47	<1.0	---	---
4-Methyl-2-pentanone	<6.0	---	---	---	---	---	---	---	---	---	---	---
Methylene Chloride	---	<0.58	<0.58	<0.58	<0.58	<0.32	<0.32	<0.79	<0.79	<0.32	---	---
Methyl-tert-butyl ether	---	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<0.47	<0.47	<1.1	---	---
Naphthalene	<0.70	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.4	<1.4	<1.9	---	---
n-Propylbenzene	---	<0.81	<0.81	<0.81	<0.81	<0.35	<0.35	<0.39	<0.39	<0.35	---	---
Styrene	---	<0.47	<0.47	<0.47	<0.30	<0.36	<0.36	---	---	<0.36	---	---
1,1,1,2-Tetrachloroethane	---	<0.27	<0.27	<0.27	<0.27	<0.36	<0.36	<0.55	<0.55	<0.36	---	---
1,1,2,2-Tetrachloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38	<0.43	<0.43	<0.38	---	---
Tetrachlorethene	---	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.47	<0.47	<0.41	<0.47	<0.41
Tetrahydrofuran	<3.0	---	---	---	---	---	---	---	---	---	---	---
Toluene	<0.30	<0.17	<0.17	<0.17	<0.27	<0.29	<0.29	<0.33	<0.33	<0.29	---	---
1,2,3-Trichlorobenzene	---	<0.63	<0.63	<0.63	<2.2	<1.0	<1.0	<1.4	<1.4	<1.0	---	---
1,2,4-Trichlorobenzene	---	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.63	<0.63	<0.95	---	---
1,1,1-Trichloroethane	<0.50	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.33	<0.33	<0.30	---	<0.30
1,1,2-Trichlorethane		<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.42	<0.42	<0.34	---	<0.34
Trichlorethene (TCE)	<0.30	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.38	<0.38	<0.32	<0.38	<0.32
Trichlorofluoromethane	---	<0.21	<0.21	<0.21	<0.21	<0.42	<0.42	<0.33	<0.33	<0.42	---	---
1,2,3-Trichloropropane	---	<0.59	<0.59	<0.59	<0.59	<0.56	<0.56	---	---	<0.56	---	---
1,2,4-Trimethylbenzene	<0.40	<0.84	<0.84	<0.84	<0.84	<0.45	<0.45	<0.35	<0.35	<0.45	---	---
1,3,5-Trimethylbenzene	---	<0.87	<0.87	<0.87	<0.87	<0.36	<0.36	<0.41	<0.41	<0.36	---	---
vinyl chloride	<0.19	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.15	<0.15	<0.17	<0.15	<0.17
m&p-Xylene	<0.50	<0.47	<0.47	<0.47	<0.47	<0.70	<0.70	<0.64	<0.64	<0.70	---	---
o-Xylene	---	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.37	<0.37	<0.35	---	---
Xylenes(total)	---	<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.01	<1.01	<1.05	---	---
PAHs (ug/L)												
Benzo (b) flouranthene	---	---	---	---	---	---	---	---	---	---	---	---
Flouranthene	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---

	P1												Dup P1	Private Well		
	12/19/17	8/9/18	11/27/18	3/8/19	3/4/20	6/9/21	9/23/21	10/7/22	1/11/23	4/13/23	7/12/23	2/2/24	12/19/17	12/19/17	NR 140.10 Table 1 **ES**	NR 140.10 Table 1 *PAL*
Metals(dissolved, ug/L)																
Barium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2000	400
Sulfate	---	---	---	---	---	---	---	---	---	---	---	---	---	---	250	125
Iron, Dissolved	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	0.15
VOCs (ug/L)																
Acetone	<9.0	---	---	---	---	---	---	---	---	---	---	---	<9.0	<9.0	9000	1800
Benzene	---	<0.25	<0.25	<0.25	<0.25	<0.30	<0.30	<0.3	<0.3	<0.3	---	---	---	---	5	0.5
Bromobenzene	---	<0.24	<0.24	<0.24	<0.24	<0.36	<0.36	<0.34	<0.34	<0.36	---	---	---	---	---	---
Bromochloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	---	---	<0.36	---	---	---	---	---	---
Bromodichloromethane	---	<0.36	<0.36	<0.36	<0.36	<0.42	<0.42	<0.36	<0.36	<0.42	---	---	---	---	0.6	0.06
Bromoform	---	<4.0	<4.0	<4.0	<4.0	<3.8	<3.8	<0.42	<0.42	<0.43	---	---	---	---	4.4	0.44
Bromomethane	---	<0.97	<0.97	<0.97	<0.97	<1.2	<1.2	---	---	<1.2	---	---	---	---	10	1
2.Butanone (MEK)	<4.0	---	---	---	---	---	---	---	---	---	---	---	<4.0	<4.0	4000	800
n-Butylbenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.71	<0.71	<0.86	---	---	---	---	---	---
sec-Butylbenzene	---	<0.85	<0.85	<0.85	<0.85	<0.42	<0.42	<0.33	<0.33	<0.42	---	---	---	---	---	---
tert-Butylbenzene	---	<0.30	<0.30	<0.30	<0.30	<0.59	<0.59	<0.37	<0.37	<0.59	---	---	---	---	---	---
Carbon tetrachloride	---	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.34	<0.34	<0.37	---	---	---	---	5	0.5
Chlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.86	<0.86	<0.29	<0.29	<0.86	---	---	---	---	---	---
Chloroethane	---	<1.3	<1.3	<1.3	<1.3	<1.4	<1.4	<0.62	<0.62	<1.4	---	---	---	---	400	80
Chloroform	---	<1.3	<1.3	<1.3	<1.3	<1.2	<1.2	<0.33	<0.33	<1.2	---	---	---	---	6	0.6
Chloromethane	---	<2.2	<2.2	<2.2	<2.2	<1.6	<1.6	<0.74	<0.74	<1.6	---	---	---	---	30	3
2-Chlorotoluene	---	<0.93	<0.93	<0.93	<0.93	<0.89	<0.89	<0.34	<0.34	<0.89	---	---	---	---	---	---
4-Chlorotoluene	---	<0.76	<0.76	<0.76	<0.76	<0.89	<0.89	<0.4	<0.4	<0.89	---	---	---	---	---	---
1,2Dibromo-3-chloropropane	---	<1.8	<1.8	<1.8	<1.8	<2.4	<2.4	<0.74	<0.74	<2.4	---	---	---	---	0.2	0.02
Dibromochloromethane	---	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<0.36	<0.36	<2.6	---	---	---	---	60	6
1,2-Dibromoethane (EDB)	---	<0.83	<0.83	<0.83	<0.83	<0.31	<0.31	---	---	<0.31	---	---	---	---	0.05	0.005
Dibromomethane	---	<0.94	<0.94	<0.94	<0.94	<0.99	<0.99	---	---	<0.99	---	---	---	---	---	---
1,2-Dichlorobenzene	---	<0.71	<0.71	<0.71	<0.71	<0.33	<0.33	<0.4	<0.4	<0.33	---	---	---	---	600	60
1,3-Dichlorobenzene	---	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35	<0.35	<0.35	---	---	---	---	600	120
1,4-Dichlorbenzene	---	<0.94	<0.94	<0.94	<0.94	<0.89	<0.89	<0.49	<0.49	<0.89	---	---	---	---	75	15
Dichlorodifluoromethane	---	<0.50	<0.50	<0.50	<0.50	<0.46	<0.46	<0.3	<0.3	<0.46	---	---	---	---	1000	200
1,1-Dichloroethane	<3.0	<0.27	<0.27	<0.27	<0.27	<0.30	<0.30	<0.43	<0.43	<0.30	---	<0.30	<3.0	<3.0	850	85
1,2-Dichloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.29	<0.29	<0.43	<0.43	<0.29	---	<0.29	---	---	5	0.5
1,1-Dichloroethene	<0.40	<0.24	<0.24	<0.24	<0.24	<0.58	<0.58	<0.43	<0.43	<0.58	---	<0.58	<0.40	<0.40	7	0.7
cis-1,2-Dichloroethene	<0.30	<0.27	<0.27	<0.27	<0.27	<0.47	<0.47	<0.32	<0.32	<0.47	<0.32	<0.47	<0.30	<0.30	70	7
trans-1,2-Dichloroethene	<0.60	<1.1	<1.1	<1.1	<1.1	<0.53	<0.53	<0.5	<0.5	<0.53	<0.5	<0.53	<0.60	<0.60	100	20
1,2-Dichloropropane	---	<0.28	<0.28	<0.28	<0.28	<0.45	<0.45	<0.39	<0.39	<0.45	---	---	---	---	5	0.5
1,3-Dichloropropane	---	<0.83	<0.83	<0.83	<0.83	<0.30	<0.30	<0.38	<0.38	<0.30	---	---	---	---	---	---
2,2-Dichloropropane	---	<2.3	<2.3	<2.3	<2.3	<4.2	<4.2	---	---	<4.2	---	---	---	---	---	---
1,1-Dichloropropene	---	<0.54	<0.54	<0.54	<0.54	<0.41	<0.41	---	---	<0.41	---	---	---	---	---	---
cis-1,3-Dichloropropene	---	<3.6	<3.6	<3.6	<3.6	<0.36	<0.36	<0.41	<0.41	<0.36	---	---	---	---	0.4	0.04
trans-1,3-Dichlorpropene	---	<4.4	<4.4	<4.4	<4.4	<3.5	<3.5	<0.41	<0.41	<3.5	---	---	---	---	0.4	0.04
Diisopropyl either	---	<1.9	<1.9	<1.9	<1.9	<1.1	<1.1	<0.48	<0.48	<1.1	---	---	---	---	---	---
Ethylbenzene	---	<0.22	<0.22	<0.22	<0.22	<0.33	<0.33	<0.33	<0.33	<0.33	---	---	---	---	700	140
Hexachlorobutadiene	---	---	---	---	---	---	---	<0.81	<0.81	---	---	---	---	---		
Hexachloro-1,3-butadiene	---	<1.2	<1.2	<1.2	<1.2	<2.7	<2.7	---	---	<2.7	---	---	---	---	---	---
Isopropylbeneze (Cumene)	---	<0.39	<0.39	<0.39	<0.39	<1.0	<1.0	<0.34	<0.34	<1.0	---	---	---	---	---	---
p-Isopropyltoluene	---	<0.80	<0.80	<0.80	<0.80	<1.0	<1.0	<0.47	<0.47	<1.0	---	---	---	---	---	---
4-Methyl-2-pentanone	<6.0	---	---	---	---	---	---	---	---	---	---	---	<6.0	<6.0	500	50
Methylene Chloride	---	<0.58	<0.58	<0.58	<0.58	<0.32	<0.32	<0.79	<0.79	<0.32	---	---	---	---	5	0.5
Methyl-tert-butyl ether	---	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<0.47	<0.47	<1.1	---	---	---	---	60	12
Naphthalene	<0.70	<1.2	<1.2	<1.2	<1.2	<1.1	<1.1	<1.4	<1.4	<1.1	---	---	<0.70	<0.70	100	10
n-Propylbenzene	---	<0.81	<0.81	<0.81	<0.81	<0.35	<0.35	<0.39	<0.39	<0.35	---	---	---	---	---	---
Styrene	---	<0.47	<0.47	<0.47	<0.47	<0.36	<0.36	---	---	<0.36	---	---	---	---	100	10
1,1,1,2-Tetrachloroethane	---	<0.27	<0.27	<0.27	<0.27	<0.36	<0.36	<0.55	<0.55	<0.36	---	---	---	---	70	7
1,1,2,2-Tetrachloroethane	---	<0.28	<0.28	<0.28	<0.28	<0.38	<0.38	<0.43	<0.43	<0.38	---	---	---	---	0.2	0.02
Tetrachlorethene	---	<0.33	<0.33	<0.33	<0.33	<0.41	<0.41	<0.47	<0.47	<0.41	<0.47	<0.41	---	---	5	0.5
Tetrahydrofuran	<3.0	---	---	---	---	---	---	---	---	---	---	---	<3.0	<3.0	50	10
Toluene	<0.30	<0.17	<0.17	<0.17	<0.17	<0.29	<0.29	<0.33	<0.33	<0.29	---	---	<0.30	<0.30	800	160
1,2,3-Trichlorobenzene	---	<0.63	<0.63	<0.63	<0.63	<1.0	<1.0	<1.4	<1.4	<1.0	---	---	---	---	---	---
1,2,4-Trichlorobenzene	---	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.63	<0.63	<0.95	---	---	---	---	70	14
1,1,1-Trichloroethane	<0.50	<0.24	<0.24	<0.24	<0.24	<0.30	<0.30	<0.33	<0.33	<0.30	---	<0.30	<0.50	<0.50	200	40
1,1,2-Trichlorethane	---	<0.55	<0.55	<0.55	<0.55	<0.34	<0.34	<0.42	<0.42	<0.34	---	<0.34	---	---	5	0.5
Trichlorethene (TCE)	<0.30	<0.26	<0.26	<0.26	<0.26	<0.32	<0.32	<0.38	<0.38	<0.32	<0.38	<0.32	<0.30	<0.30	5	0.5
Trichlorofluoromethane	---	<0.21	<0.21	<0.21	<0.21	<0.42	<0.42	<0.33	<0.33	<0.42	---	---	---	---	---	---
1,2,3-Trichloropropane	---	<0.59	<0.59	<0.59	<0.59	<0.56	<0.56	---	---	<0.56	---	---	---	---	60	12
1,2,4-Trimethylbenzene	<0.40	<0.84	<0.84	<0.84	<0.84	<0.45	<0.45	<0.35	<0.35	<0.45	---	---	<0.40	<0.40	480*	96*
1,3,5-Trimethylbenzene	---	<0.87	<0.87	<0.87	<0.87	<0.36	<0.36	<0.41	<0.41	<0.36	---	---	---	---	480*	96*
vinyl chloride	<0.19	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.15	<0.15	<0.17	<0.15	<0.17	<0.19	<0.19	0.2	0.02
m&p-Xylene	<0.50	<0.47	<0.47	<0.47	<0.47	<0.70	<0.70	<0.64	<0.64	<0.70	---	---	<0.50	<0.50	2000**	400**
o-Xylene	---	<0.26	<0.26	<0.26	<0.26	<0.35	<0.35	<0.37	<0.37	<0.35	---	---	---	---	2000**	400**
Xylenes(total)	---	<0.73	<0.73	<0.73	<0.73	<1.05	<1.05	<1.01	<1.01	<1.05	---	---	---	---	2000**	400**
PAHs (ug/L)																
Benzo (b) flouranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2	0.02
Flouranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	400	80
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	10

Notes:

Bold concentrations exceed NR 140 ES

Italicized and underlined concentrations exceed NR 140 PAL

--- - not analyzed OR no standard established

ES - enforcement standard

PAL - preventive action limit

μg/L - micrograms per liter

PAHs - polycyclic aromatic hydrocarbons

VOCs - volatile organic compounds

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

DUP - Duplicate sample

TRIP - trip blank for QA/QC

* - total value for 1,2,4 and 1,3,5 trimethylbenzenes

** - total value for m, p, o Xylenes

Table A.2 Soil Analytical Results
BRRTS# 02-67-579813
Barton Products FMR Prism Mfg Facility
4991 Hron Road West Bend, WI 53095

Screening standards

Sample ID:	NR 720.10	NR 720.12						
Sample Depth (ft BGS)	EPA RSL	EPA RSL						
Sample Date:	RCL	Non-Industrial RCLs				Industrial RCLs		
Soil Type								
Lab Reported Parameters	GW Protection (DF=2)	NC	C	DC	BTV	NC	C	DC
Total Metals (mg/kg)								
Arsenic	0.584	34.9	0.677	0.677	8	480	3	3
Barium	164.8	15300	---	15300	364	219000	---	100000
Boron	6.416	15600	---	15600	---	233000	---	100000
Cadmium	0.752	71.1	2430	71.1	1	985	10600	985
Chromium	---	234(VI)	0.301(VI)	0.301(VI)	---	3490(VI)	6.36(VI)	6.36(VI)
	---	117000(III)	---(III)	100000(III)	---	1750000(III)	---	100000(III)
	360000(total, no CR-VI)	---(total)	---(total)	---(total)	44	---(total)	---(total)	---(total)
Lead	27	400	---	400	52	800	---	800
Molybdenum	1.62	391	---	391	---	5840	---	5840
Potassium	---	---	---	---	---	---	---	---
Selenium	0.52	391	---	391	---	5840	---	5840
Silver	0.85	391	---	391	---	5840	---	5840
Copper	91.6	3130	---	3130	35	46700	---	46700
Zinc	---	23500	---	23500	150	350000	---	100000
Mercury	0.208	15.7	---	3.13	---	65.8	---	3.13
VOCs (ug/kg)								
Benzene	5.1	106000	1600	1600	---	587000	7070	7070
Bromobenzene	---	354000	---	354000	---	2410000	---	679000
Bromochloromethane	---	232000	---	232000	---	976000	---	976000
Bromodichloromethane	0.3	1560000	390	390	---	20400000	1960	1960
Bromoform	2.3	1560000	23600	23600	---	20400000	115000	115000
Bromomethane	5.1	10300	---	10300	---	46000	---	46000
2-Butanone (MEK)	1666.1	31800000	---	28400000	---	248000000	---	28400000
n-Butylbenzene	---	3910000	---	108000	---	51100000	---	108000
sec-Butylbenzene	---	7820000	---	145000	---	102000000	---	145000
tert-Butylbenzene	---	7820000	---	183000	---	102000000	---	183000
Carbon tetrachloride	3.9	131000	916	916	---	786000	4030	4030
Chlorobenzene	135.8	392000	---	392000	---	1870000	---	761000
Chloroethane	226.6	---	---	---	---	---	---	---
Chloroform	3.3	272000	423	423	---	1420000	1980	1980
Chloromethane	15.5	171000	---	171000	---	669000	---	669000
2-Chlorotoluene	---	1560000	---	907000	---	23400000	---	907000
4-Chlorotoluene	---	1560000	---	253000	---	23400000	---	253000
1,2-Dibromo-3-chloropropane	0.2	6230	8	8	---	34500	92	92
Dibromochloromethane	32	1560000	971	971	---	23400000	38900	38900
1,2-Dibromoethane (EDB)	0.0282	100000	50	50	---	470000	221	221
Dibromomethane	---	35000	---	35000	---	143000	---	143000
1,2-Dichlorobenzene	1168	2460000	---	376000	---	13000000	---	376000
1,3-Dichlorobenzene	1152.8	---	---	297000	---	---	---	297000
1,4-Dichlorobenzene	144	3900000	3480	3480	---	32100000	16400	16400
Dichlorodifluoromethane	3086.3	135000	---	135000	---	530000	---	530000
1,1-Dichloroethane	483.4	15600000	4720	4720	---	234000000	22200	22200
1,2-Dichloroethane	2.8	43700	652	652	---	197000	2870	2870
1,1-Dichloroethene	5	320000	---	320000	---	1430000	---	1190000
cis-1,2-Dichloroethene	41.2	156000	---	156000	---	2340000	---	2340000
trans-1,2-Dichloroethene	62.6	1560000	---	1560000	---	23400000	---	1850000
1,2-Dichloropropane	3.3	24500	1330	1330	---	95600	1780	1780
1,3-Dichloropropane	---	1560000	---	1490000	---	23400000	---	1490000
2,2-Dichloropropane	---	---	---	527000	---	---	---	191000
1,1-Dichloropropene	---	---	---	---	---	---	---	---
cis-1,3-Dichloropropene	0.3	---	---	1220000	---	---	---	1210000
trans-1,3-Dichloropropene	0.3	---	---	1510000	---	---	---	1510000
Diisopropyl ether	---	3470000	---	2260000	---	13500000	---	2260000
Ethylbenzene	1570	4080000	8020	8020	---	27400000	35400	35400
Hexachloro-1,3-butadiene	---	78200	1510	1510	---	1170000	7190	7190
Isopropylbenzene (Cumene)	---	2660000	---	268000	---	13800000	---	268000
p-Isopropyltoluene	---	---	---	162000	---	---	---	162000
Methylene chloride	2.6	385000	60700	60700	---	3800000	1150000	1150000
Methyl-tert-butyl ether	27	22100000	63800	63800	---	93000000	282000	282000
Naphthalene	658.2	178000	5520	5520	---	830000	24100	24100
n-Propylbenzene	---	4490000	---	264000	---	32100000	---	264000
Styrene	220	7410000	---	867000	---	47200000	---	867000
1,1,1,2-Tetrachloroethane	53.4	2350000	2780	2780	---	35000000	12300	12300
1,1,2,2-Tetrachloroethane	0.2	1560000	810	810	---	23400000	3600	3600
Tetrachloroethene	4.5	109000	33000	33000	---	547000	145000	145000
Tetrahydrofuran	22.2	23300	---	23300		130000000	---	100000000
Toluene	1107.2	5240000	---	818000	---	55300000	---	818000
1,2,3-Trichlorobenzene	---	62600	---	62600	---	934000	---	934000
1,2,4-Trichlorobenzene	408	80800	24000	24000	---	366000	113000	113000
1,1,1-Trichloroethane	140.2	11500000	---	640000	---	51000000	---	640000
1,1,2-Trichloroethane	3.2	2160	1590	1590	---	9110	7010	7010
Trichloroethene	3.6	5680	1300	1300	---	26700	8410	8410
Trichloroflouromethane	---	23500000	---	1230000	---	350000000	---	1230000
1,2,3-Trichloropropane	51.9	6940	5	5	---	29600	109	109
1,2,4-Trimethylbenzene	---	373000	---	219000	---	2390000	---	219000
1,3,5-Trimethylbenzene	---	339000	---	182000	---	2060000	---	182000
Trimethylbenzenes (total)	1382.1	---	---	---	---	---	---	---
Vinyl Chloride	0.1	89200	67	67	---	515000	2080	2080
m&p-Xylene	---	1581000	---	778000	---	6890000	---	778000
0-Xylene	---	915000	---	434000	---	4010000	---	434000
Xylenes (total)	3960	818000	---	260000	---	3570000	---	260000
PAHs (ug/kg)								
Benz (a) anthracene	---	---	1140	1140	---	---	20800	20800
Benzo (a) pyrene	470	17800	115	115	---	222000	2110	2110
Benzo (b) flouranthene	479.3	---	1150	1150	---	---	21100	21100
Indeno (1,2,3-cd) pyrene	---	---	1150	1150	---	---	21100	21100

Samples SB-1 through SB-18

Sample ID:	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	SB-12	SB-12 (DUP)	SB-13	SB-14	SB-15	SB-16	SB-17	SB-18
Sample Depth (ft BGS)	2-4'	10-12'	10-12'	8-10'	2-4'	2-4'	2-4'	12-14'	6-8'	0-2'	0-2'	8-10'	8-10'	4-6'	0-2'	0-2'	2-4'	0-2'	---
Sample Date:	6/7/17	6/7/17	6/7/17	6/8/17	6/7/17	6/7/17	6/8/17	6/7/17	6/7/17	6/8/17	6/8/17	6/8/17	6/8/17	6/8/17	6/7/17	6/7/17	6/7/17	6/8/17	6/8/17
Soil Type	U	S	S	S	U	U	U	S	S	U	U	U	U	U	U	U	U	S	---
Total Metals (mg/kg)																			
Arsenic	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	---	---	---	---	23.2	---	---	---	3.1	114	38	32.9	28.7	---	---	---	30.5	27.4	30.9
Boron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	8.5	---	---	---	3.3 J	31.6	11.3	11.6	10.1	---	---	---	11.2	10.8	9.6
Lead	---	---	---	---	3.1	---	---	---	0.42 J	11	4	3.8	3	---	---	---	4	3.2	3.6
Molybdenum	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury	---	---	---	---	0.0064	---	---	---	0.0017	0.024	0.012	0.0082	0.0092	---	---	---	0.011	0.017	0.0087
VOCs (ug/kg)																			
Benzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
tert-Butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Chlorotoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Chlorotoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dibromo-3-chloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	<26	<25	<26	**3540**	<24	<25	37.4	<21	<23	---	---	<26	<30	<25	---	---	<24	<26	---
trans-1,2-Dichloroethene	<9.7	<9.2	<9.5	13.1 J	<9.0	<9.2	<9.4	<8.0	<8.4	---	---	<9.6	<11	<9.3	---	---	<9.1	<9.6	---
1,2-Dichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,2-Dichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloropropene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,3-Dichloropropene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,3-Dichloropropene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diisopropyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloro-1,3-butadiene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene (Cumene)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
p-Isopropyltoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1,2-Tetrachloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	**201 J**	**194 J**	**180**	**206 J**	**182**	**182**	**169**	**153 J**	**188 J**	---	---	**183 J**	**230 J**	**197 J**	---	---	**189 J**	**194 J**	---
Toluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	<23	<22	129	<23	<22	<22	<23	<19	<20	---	---	<23	<27	<22	---	---	<22	<23	---
1,1,2-Trichloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethene	<15	<14	<14	***19700***	<14	<14	<14	<12	<13	---	---	<14	<17	<14	---	---	<14	<14	---
Trichloroflouromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trimethylbenzenes (total)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl Chloride	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
m&p-Xylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
0-Xylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes (total)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PAHs (ug/kg)																			
Benz (a) anthracene	<2.2	<2.0	<2.0	---	<2.0	2.63	<2.1	---	<2.0	<2.2	<2.2	<2.1	<2.0	<2.1	---	---	<2.1	<2.2	<2.0
Benzo (a) pyrene	<1.9	<1.8	<1.8	---	<1.8	<1.8	<1.8	---	<1.8	<1.9	<1.9	<1.8	<1.8	<1.9	---	---	<1.8	2.43	<1.8
Benzo (b) flouranthene	2.27 J	<1.2	5.01	---	<1.2	<1.3	<1.3	---	2.02	<1.3	<1.3	1.96	<1.2	3.03	---	---	<1.3	6.44	<1.2
Indeno (1,2,3-cd) pyrene	<3.6	<3.4	5.69	---	<3.3	<3.4	<3.5	---	<3.4	<3.6	<3.6	<3.5	<3.4	<3.5	---	---	<3.5	<3.6	<3.3

Samples SB-19 through FD20 / SB-28 DUP

Sample ID:	SB-19	SB-19	SB-20	FD1/SB-20 DUP	SB-20	SB-21	SB-21	SB-22	SB-22	SB-24	SB-24	SB-25	SB-25	SB-26	SB-26	SB-27	SB-27	SB-28	SB-28	FD20 / SB-28 DUP
Sample Depth (ft BGS)	2-4'	8-10'	2-4'	2-4'	4-6'	2-4'	4-6'	0-2'	4-6'	2-4'	8-10'	2-4'	6-8'	2-4'	6-8'	0-2'	4-6'	2-4'	8-10'	8-10'
Sample Date:	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17	12/14/17
Soil Type	U	S	U	U	U	U	U	U	U	U	U	U	S	U	U	U	U	U	U	U
Total Metals (mg/kg)																				
Arsenic	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Boron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Molybdenum	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOCs (ug/kg)																				
Benzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
tert-Butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Chlorotoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Chlorotoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dibromo-3-chloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromochloromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	<27	**253**	<27	<27	<27	**84.4**	**68.10**	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27
trans-1,2-Dichloroethene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,2-Dichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-Dichloropropene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,3-Dichloropropene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,3-Dichloropropene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diisopropyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloro-1,3-butadiene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene (Cumene)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
p-Isopropyltoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methylene chloride	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Propylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Styrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1,2-Tetrachloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<150	<140	<140	<140	<140	<140	<140	<140
Toluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24	<24
1,1,2-Trichloroethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethene	<15	**369**	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<16	<15	<15	<15	<15	<15	**25.5**	**22.9**
Trichloroflouromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trimethylbenzenes (total)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl Chloride	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
m&p-Xylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
0-Xylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Xylenes (total)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PAHs (ug/kg)																				
Benz (a) anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo (a) pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo (b) flouranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Indeno (1,2,3-cd) pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

B-30 (KP)

Sample ID:	B-30 (KP)						
Sample Depth (ft BGS)	4-5'	6-8'	10-12'	18-20'	22-24'	28-30'	32-34'
Sample Date:	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20
Soil Type	U	U	S	S	S	U	U
Total Metals (mg/kg)							
Arsenic	---	---	---	---	---	---	---
Barium	---	---	---	---	---	---	---
Boron	---	---	---	---	---	---	---
Cadmium	---	---	---	---	---	---	---
Chromium	---	---	---	---	---	---	---
	---	---	---	---	---	---	---
	---	---	---	---	---	---	---
Lead	---	---	---	---	---	---	---
Molybdenum	---	---	---	---	---	---	---
Potassium	---	---	---	---	---	---	---
Selenium	---	---	---	---	---	---	---
Silver	---	---	---	---	---	---	---
Copper	---	---	---	---	---	---	---
Zinc	---	---	---	---	---	---	---
Mercury	---	---	---	---	---	---	---
VOCs (ug/kg)							
Benzene	<100	<62	<25	<25	<25	<25	<25
Bromobenzene	<100	<62	<25	<25	<25	<25	<25
Bromochloromethane	<100	<62	<25	<25	<25	<25	<25
Bromodichloromethane	<100	<62	<25	<25	<25	<25	<25
Bromoform	<100	<62	<25	<25	<25	<25	<25
Bromomethane	<260	<160	<64	<64	<64	<64	<64
2-Butanone (MEK)	---	---	---	---	---	---	---
n-Butylbenzene	880	230 J	<30	<30	<30	<30	<30
sec-Butylbenzene	510	250	<25	<25	<25	<25	<25
tert-Butylbenzene	<100	<62	<25	<25	<25	<25	<25
Carbon tetrachloride	<100	<62	<25	<25	<25	<25	<25
Chlorobenzene	<100	<62	<25	<25	<25	<25	<25
Chloroethane	<100	<120	<46	<46	<46	<46	<46
Chloroform	<100	<120	<48	<48	<48	<48	<48
Chloromethane	<100	<62	<25	<25	<25	<25	<25
2-Chlorotoluene	<100	<62	<25	<25	<25	<25	<25
4-Chlorotoluene	<100	<62	<25	<25	<25	<25	<25
1,2-Dibromo-3-chloropropane	<950	<590	<240	<240	<240	<240	<240
Dibromochloromethane	<920	<570	<230	<230	<230	<230	<230
1,2-Dibromoethane (EDB)	<100	<62	<25	<25	<25	<25	<25
Dibromomethane	<100	<62	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<100	<62	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<100	<62	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<100	<62	<25	<25	<25	<25	<25
Dichlorodifluoromethane	<100	<62	<25	<25	<25	<25	<25
1,1-Dichloroethane	<100	<62	<25	<25	<25	<25	<25
1,2-Dichloroethane	<100	<62	<25	<25	<25	<25	<25
1,1-Dichloroethene	<100	<62	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	**1300**	**5300**	**7000**	<25	<25	<25	<25
trans-1,2-Dichloroethene	<100	<62	<25	<25	<25	<25	<25
1,2-Dichloropropane	<100	<62	<25	<25	<25	<25	<25
1,3-Dichloropropane	<100	<62	<25	<25	<25	<25	<25
2,2-Dichloropropane	<100	<62	<25	<25	<25	<25	<25
1,1-Dichloropropene	<100	<62	<25	<25	<25	<25	<25
cis-1,3-Dichloropropene	<170	<110	<25	<25	<42	<42	<42
trans-1,3-Dichloropropene	<100	<62	<25	<25	<25	<25	<25
Diisopropyl ether	<100	<62	<25	<25	<25	<25	<25
Ethylbenzene	<100	<62	<25	<25	<25	<25	<25
Hexachloro-1,3-butadiene	<270	<170	<69	<69	<69	<69	<69
Isopropylbenzene (Cumene)	130 J	77 J	<25	<25	<25	<25	<25
p-Isopropyltoluene	230 J	<62	<25	<25	<25	<25	<25
Methylene chloride	<110	<62	<26	<26	<26	<26	<26
Methyl-tert-butyl ether	<100	<62	<25	<25	<25	<25	<25
Naphthalene	120 J	<68	<27	<27	<27	<27	<27
n-Propylbenzene	390	140 J	<25	<25	<25	<25	<25
Styrene	<100	<62	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<100	<62	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<100	<62	<25	<25	<25	<25	<25
Tetrachloroethene	<150	<97	<39	<39	<39	<39	<39
Tetrahydrofuran	---	---	---	---	---	---	---
Toluene	<100	<62	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<190	<120	<47	<47	<47	<47	<47
1,2,4-Trichlorobenzene	<170	<100	<42	<42	<42	<42	<42
1,1,1-Trichloroethane	<100	<62	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<100	<62	<25	<25	<25	<25	<25
Trichloroethene	<100	<62	***2200***	<25	<25	<25	<25
Trichloroflouromethane	<100	<62	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<150	<94	<37	<37	<37	<37	<37
1,2,4-Trimethylbenzene	**1700**	<62	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	**430**	<62	<25	<25	<25	<25	<25
Trimethylbenzenes (total)	**2130**	<124	<50	<50	<50	<50	<50
Vinyl Chloride	<100	<62	<25	<25	<25	<25	<25
m&p-Xylene	<200	<120	<50	<50	<50	<50	<50
0-Xylene	<100	<62	<25	<25	<25	<25	<25
Xylenes (total)	<300	<182	<75	<75	<75	<75	<75
PAHs (ug/kg)							
Benz (a) anthracene	---	---	---	---	---	---	---
Benzo (a) pyrene	---	---	---	---	---	---	---
Benzo (b) flouranthene	---	---	---	---	---	---	---
Indeno (1,2,3-cd) pyrene	---	---	---	---	---	---	---

Notes:

ug/kg = micrograms per kilogram
mg/kg = milliigrams per kilogram
--- = Not Analyzed   OR   No Standard Established
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit detection limit
Exceedences (Non-Industrial):
Bold = exceeds NR 720.10 EPA RSL RCL GW Protection (DF=2) value
Italicized = exceeds NR 720.12 EPA RSL RCL NC value
Underline = exceeds NR 720.12 RSL SCL C value
value= exceeds NR 720.12 RSL RCL Not to Exceed D-C value

PCBs - Polychlorinated Biphenyls
VOCs - Volatile Organic Compounds
Bordered cells exceed the NR 720 B
Exceedences (Industrial):
Italicized = exceeds NR 720.12 EPA RSL RCL NC value
Underline = exceeds NR 720.12 RSL SCL C value
value= exceeds NR 720.12 RSL RCL Not to Exceed D-C value

S - Saturated Soil Sample
U - Unsaturated Soil Sample

SB-1 thru SB-28 were collected and performed by Stantec
B-30 was collected and performed by Kapur

BTV - Background Threshold Value
PAHs - Polyaromatic Hydrocarbons

Table A.3 Residual Soil Contamination
BRRTS# 02-67-579813
Barton Products FMR Prism Mfg Facility
4991 Hron Road West Bend, WI 53095

Sample ID:	NR 720.10	NR 720.12							SB-1	SB-5	SB-6	SB-7	SB-12	SB-12 (DUP)	SB-13	SB-16	SB-21	SB-21	SB-28	FD20 / SB-28 DUP	B-30 (KP)	
Sample Depth (ft BGS)	EPA RSL	EPA RSL							2-4'	2-4'	2-4'	2-4'	8-10'	8-10'	4-6'	2-4'	2-4'	4-6'	8-10'	8-10'	4-5'	6-8'
Sample Date:	RCL	Non-Industrial RCLs				Industrial RCLs			6/7/17	6/7/17	6/7/17	6/8/17	6/8/17	6/8/17	6/8/17	6/7/17	12/14/17	12/14/17	12/14/17	12/14/17	2/21/20	2/21/20
Soil Type									U	U	U	U	U	U	U	U	U	U	U	U	U	U
Lab Reported Parameters	GW Protection (DF=2)	NC	C	DC	BTV	NC	C	DC														
Total Metals (mg/kg)																						
Arsenic	0.584	34.9	0.677	0.677	8	480	3	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium	164.8	15300	---	15300	364	219000	---	100000	---	23.2	---	---	32.9	28.7	---	30.5	---	---	---	---	---	---
Boron	6.416	15600	---	15600	---	233000	---	100000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium	0.752	71.1	2430	71.1	1	985	10600	985	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium	---	234(VI)	0.301(VI)	0.301(VI)	---	3490(VI)	6.36(VI)	6.36(VI)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	---	117000(III)	---(III)	100000(III)	---	1750000(III)	---	100000(III)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	360000(total, no CR-VI)	---(total)	---(total)	---(total)	44	---(total)	---(total)	---(total)	---	8.5	---	---	11.6	10.1	---	11.2	---	---	---	---	---	---
Lead	27	400	---	400	52	800	---	800	---	3.1	---	---	3.8	3	---	4	---	---	---	---	---	---
Molybdenum	1.62	391	---	391	---	5840	---	5840	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	0.52	391	---	391	---	5840	---	5840	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver	0.85	391	---	391	---	5840	---	5840	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Copper	91.6	3130	---	3130	35	46700	---	46700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	---	23500	---	23500	150	350000	---	100000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury	0.208	15.7	---	3.13	---	65.8	---	3.13	---	0.0064	---	---	0.0082	0.0092	---	0.011	---	---	---	---	---	---
VOCs (ug/kg)																						
Benzene	5.1	106000	1600	1600	---	587000	7070	7070	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Bromobenzene	---	354000	---	354000	---	2410000	---	679000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Bromochloromethane	---	232000	---	232000	---	976000	---	976000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Bromodichloromethane	0.3	1560000	390	390	---	20400000	1960	1960	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Bromoform	2.3	1560000	23600	23600	---	20400000	115000	115000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Bromomethane	5.1	10300	---	10300	---	46000	---	46000	---	---	---	---	---	---	---	---	---	---	---	---	<260	<160
2-Butanone (MEK)	1666.1	31800000	---	28400000	---	248000000	---	28400000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-Butylbenzene	---	3910000	---	108000	---	51100000	---	108000	---	---	---	---	---	---	---	---	---	---	---	---	880	230 J
sec-Butylbenzene	---	7820000	---	145000	---	102000000	---	145000	---	---	---	---	---	---	---	---	---	---	---	---	510	250
tert-Butylbenzene	---	7820000	---	183000	---	102000000	---	183000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Carbon tetrachloride	3.9	131000	916	916	---	786000	4030	4030	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Chlorobenzene	135.8	392000	---	392000	---	1870000	---	761000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Chloroethane	226.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<100	<120
Chloroform	3.3	272000	423	423	---	1420000	1980	1980	---	---	---	---	---	---	---	---	---	---	---	---	<100	<120
Chloromethane	15.5	171000	---	171000	---	669000	---	669000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
2-Chlorotoluene	---	1560000	---	907000	---	23400000	---	907000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
4-Chlorotoluene	---	1560000	---	253000	---	23400000	---	253000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,2-Dibromo-3-chloropropane	0.2	6230	8	8	---	34500	92	92	---	---	---	---	---	---	---	---	---	---	---	---	<950	<590
Dibromochloromethane	32	1560000	971	971	---	23400000	38900	38900	---	---	---	---	---	---	---	---	---	---	---	---	<920	<570
1,2-Dibromoethane (EDB)	0.0282	100000	50	50	---	470000	221	221	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Dibromomethane	---	35000	---	35000	---	143000	---	143000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,2-Dichlorobenzene	1168	2460000	---	376000	---	13000000	---	376000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,3-Dichlorobenzene	1152.8	---	---	297000	---	---	---	297000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,4-Dichlorobenzene	144	3900000	3480	3480	---	32100000	16400	16400	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Dichlorodifluoromethane	3086.3	135000	---	135000	---	530000	---	530000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,1-Dichloroethane	483.4	15600000	4720	4720	---	234000000	22200	22200	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,2-Dichloroethane	2.8	43700	652	652	---	197000	2870	2870	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,1-Dichloroethene	5	320000	---	320000	---	1430000	---	1190000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
cis-1,2-Dichloroethene	41.2	156000	---	156000	---	2340000	---	2340000	<26	<24	<25	37.4 J	<26	<30	<25	<24	**84.4**	**68.10**	<27	<27	**1300**	**5300**
trans-1,2-Dichloroethene	62.6	1560000	---	1560000	---	23400000	---	1850000	<9.7	<9.0	<9.2	<9.4	<9.6	<11	<9.3	<9.1	<10	<10	<10	<10	<100	<62
1,2-Dichloropropane	3.3	24500	1330	1330	---	95600	1780	1780	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,3-Dichloropropane	---	1560000	---	1490000	---	23400000	---	1490000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
2,2-Dichloropropane	---	---	---	527000	---	---	---	191000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,1-Dichloropropene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
cis-1,3-Dichloropropene	0.3	---	---	1220000	---	---	---	1210000	---	---	---	---	---	---	---	---	---	---	---	---	<170	<110
trans-1,3-Dichloropropene	0.3	---	---	1510000	---	---	---	1510000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Diisopropyl ether	---	3470000	---	2260000	---	13500000	---	2260000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Ethylbenzene	1570	4080000	8020	8020	---	27400000	35400	35400	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Hexachloro-1,3-butadiene	---	78200	1510	1510	---	1170000	7190	7190	---	---	---	---	---	---	---	---	---	---	---	---	<270	<170
Isopropylbenzene (Cumene)	---	2660000	---	268000	---	13800000	---	268000	---	---	---	---	---	---	---	---	---	---	---	---	130 J	77 J
p-Isopropyltoluene	---	---	---	162000	---	---	---	162000	---	---	---	---	---	---	---	---	---	---	---	---	230 J	<62
Methylene chloride	2.6	385000	60700	60700	---	3800000	1150000	1150000	---	---	---	---	---	---	---	---	---	---	---	---	<110	<62
Methyl-tert-butyl ether	27	22100000	63800	63800	---	93000000	282000	282000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Naphthalene	658.2	178000	5520	5520	---	830000	24100	24100	---	---	---	---	---	---	---	---	---	---	---	---	120 J	<68
n-Propylbenzene	---	4490000	---	264000	---	32100000	---	264000	---	---	---	---	---	---	---	---	---	---	---	---	390	140 J
Styrene	220	7410000	---	867000	---	47200000	---	867000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,1,1,2-Tetrachloroethane	53.4	2350000	2780	2780	---	35000000	12300	12300	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,1,2,2-Tetrachloroethane	0.2	1560000	810	810	---	23400000	3600	3600	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Tetrachloroethene	4.5	109000	33000	33000	---	547000	145000	145000	---	---	---	---	---	---	---	---	---	---	---	---	<150	<97
Tetrahydrofuran	22.2	23300	---	23300		130000000	---	100000000	**201 J**	**182**	**182**	**169**	**183 J**	**230 J**	**197 J**	**189 J**	<140	<140	<140	<140	---	---
Toluene	1107.2	5240000	---	818000	---	55300000	---	818000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,2,3-Trichlorobenzene	---	62600	---	62600	---	934000	---	934000	---	---	---	---	---	---	---	---	---	---	---	---	<190	<120
1,2,4-Trichlorobenzene	408	80800	24000	24000	---	366000	113000	113000	---	---	---	---	---	---	---	---	---	---	---	---	<170	<100
1,1,1-Trichloroethane	140.2	11500000	---	640000	---	51000000	---	640000	<23	<22	<22	<23	<23	<27	<22	<22	<24	<24	<24	<24	<100	<62
1,1,2-Trichloroethane	3.2	2160	1590	1590	---	9110	7010	7010	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Trichloroethene	3.6	5680	1300	1300	---	26700	8410	8410	<15	<14	<14	<14	<14	<17	<14	<14	<15	<15	**25.5**	**22.9**	<100	<62
Trichlorofluoromethane	---	23500000	---	1230000	---	350000000	---	1230000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
1,2,3-Trichloropropane	51.9	6940	5	5	---	29600	109	109	---	---	---	---	---	---	---	---	---	---	---	---	<150	<94
1,2,4-Trimethylbenzene	---	373000	---	219000	---	2390000	---	219000	---	---	---	---	---	---	---	---	---	---	---	---	**1700**	<62
1,3,5-Trimethylbenzene	---	339000	---	182000	---	2060000	---	182000	---	---	---	---	---	---	---	---	---	---	---	---	**430**	<62
Trimethylbenzenes (total)	1382.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2130**	<124
Vinyl Chloride	0.1	89200	67	67	---	515000	2080	2080	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
m&p-Xylene	---	1581000	---	778000	---	6890000	---	778000	---	---	---	---	---	---	---	---	---	---	---	---	<200	<120
0-Xylene	---	915000	---	434000	---	4010000	---	434000	---	---	---	---	---	---	---	---	---	---	---	---	<100	<62
Xylenes (total)	3960	818000	---	260000	---	3570000	---	260000	---	---	---	---	---	---	---	---	---	---	---	---	<300	<182
PAHs (ug/kg)																						
Acenaphthene	---	3590000	---	3590000	---	45200000	---	45200000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene	197727.3	17900000	---	17900000	---	226000000	---	100000000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benz (a) anthracene	---	---	1140	1140	---	---	20800	20800	<2.2	<2.0	2.63	<2.1	<2.1	<2.0	<2.1	<2.1	---	---	---	---	---	---
Benzo (a) pyrene	470	17800	115	115	---	222000	2110	2110	<1.9	<1.8	<1.8	<1.8	<1.8	<1.8	<1.9	<1.8	---	---	---	---	---	---
Benzo (b) flouranthene	479.3	---	1150	1150	---	---	21100	21100	2.27 J	<1.2	<1.3	<1.3	1.96	<1.2	3.03	<1.3	---	---	---	---	---	---
Benzo (g,h,i) perylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo (k) Fluoranthene	---	---	11500	11500	---	---	211000	211000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrysene	144.6	---	115000	115000	---	---	2110000	2110000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenz (a,h) anthracene	---	---	115	115	---	---	2110	2110	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Flouranthene	88877.8	2390000	---	2390000	---	30100000	---	30100000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Flourene	14829.9	2390000	---	2390000	---	30100000	---	30100000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Indeno (1,2,3-cd) pyrene	---	---	1150	1150	---	---	21100	21100	<3.6	<3.3	<3.4	<3.5	<3.5	<3.4	<3.5	<3.5	---	---	---	---	---	---
1-Methylnaphthalene	---	4180000	17600	17600	---	52700000	72700	72700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	---	239000	---	239000	---	3010000	---	3010000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	658.2	178000	5520	5520	---	830000	24100	24100	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pyrene	54545.5	1790000	---	1790000	---	22600000	---	22600000	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Notes:

ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
--- = Not Analyzed OR No Standard Established
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit detection limit
Exceedences (Non-Industrial):
Bold = exceeds NR 720.10 EPA RSL RCL GW Protection (DF=2) value
Italicized = exceeds NR 720.12 EPA RSL RCL NC value
Underline = exceeds NR 720.12 RSL SCL C value
*"value"= exceeds NR 720.12 RSL RCL Not to Exceed D-C value

PCBs - Polychlorinated Biphenyls
VOCs - Volatile Organic Compounds
Bordered cells exceed the NR 720 E
Exceedences (Industrial):
Italicized = exceeds NR 720.12 EPA RSL RCL NC value
Underline = exceeds NR 720.12 RSL SCL C value
*"value"= exceeds NR 720.12 RSL RCL Not to Exceed D-C value

S - Saturated Soil Sample
U - Unsaturated Soil Sample

SB-1 thru SB-28 were collected and performed by Stantec
B-30 was collected and performed by Kapur

BTV - Background Threshold Value
PAHs - Polyaromatic Hydrocarbons

Table A.4. Vapor Analytical Table
BRRTS# 02-67-579813
Barton Products FMR Prism Mfg Facility
4991 Hron Road West Bend, WI 53095

Sample Location	Sub-slab Vapor Samples																					**Vapor Risk Screening Level (VRSL) of Indoor Air concentrations from sub-slab vapor/soil gas/deep soil gas**	
Sample Identification	VP-1	VP-2			VP-3			SS-3/VP-3	SS-3	SS-3	VP-4			SS-2/VP-4	SS-2	SS-2	SS-1	SS-1	SS-1	SS-4	SS-4	SS-4		
Date:	12/14/17	12/14/17	4/4/19	9/23/21	12/14/17	4/4/19	9/23/21	5/17/22	2/21/23	1/16/24	12/14/17	4/4/19	9/23/21	5/17/22	2/21/23	1/16/24	5/17/22	2/21/23	1/16/24	5/17/22	2/21/23	1/16/24	Large Commercial/Industrial Sub-slab/Soil Vapor Attenuation Factor (AF) = 0.01	c-Carcinogenic; nc-Non-Carcinogenic
Units:	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	
Acetone	---	---	19.7	162	---	28.9	60.9	---	---	---	---	22.5	126	---	---	---	---	---	---	---	---	---	14000000	nc
Benzene	<1,100	<60	1.1	4.9	<14	1.5	5.7	---	---	---	1.7 J	1.5	2.9 J	---	---	---	---	---	---	---	---	---	1600	c
Benzyl Chloride	---	---	<2.4	<1.2	---	<2.1	<1.3	---	---	---	---	<2.0	<13.3	---	---	---	---	---	---	---	---	---	250	c
Bromodichloromethane	---	---	<0.72	<0.32	---	<0.64	<0.34	---	---	---	---	<0.61	<3.5	---	---	---	---	---	---	---	---	---	331	c
Bromoform	---	---	<2.8	<2.2	---	<2.5	<2.3	---	---	---	---	<2.4	<24.1	---	---	---	---	---	---	---	---	---	11100	---
Bromomethane	---	---	<0.44	0.43 J	---	<0.40	<0.22	---	---	---	---	<0.38	<2.2	---	---	---	---	---	---	---	---	---	2200	nc
1,3-Butadiene	---	---	<0.25	<0.16	---	<0.22	<0.17	---	---	---	---	<0.22	<1.8	---	---	---	---	---	---	---	---	---	410	c
2-Butanone(MEK)	---	---	<0.72	18.2	---	14.5	14.9	---	---	---	---	5.0	21.0 J	---	---	---	---	---	---	---	---	---	2200000	nc
Carbon disulfide	---	---	<0.43	4.9	---	<0.38	0.79 J	---	---	---	---	<0.37	2.6 J	---	---	---	---	---	---	---	---	---	310000	nc
Carbon tetrachloride	---	---	0.90 J	<0.38	---	<0.75	<0.40	---	---	---	---	<0.72	<4.2	---	---	---	---	---	---	---	---	---	2040	c
Chlorobenzene	---	---	<0.54	<0.21	---	<0.48	<0.22	---	---	---	---	<0.46	<2.3	---	---	---	---	---	---	---	---	---	22000	nc
Chloroethane	---	---	<0.51	<0.30	---	<0.46	<0.32	---	---	---	---	<0.44	<3.3	---	---	---	---	---	---	---	---	---	4400000	---
Chloroform	---	---	<0.38	1.2	---	0.72 J	9.0	---	---	---	---	<0.33	<2.7	---	---	---	---	---	---	---	---	---	533	c
Chloromethane	---	---	0.76 J	3.5	---	0.70 J	<0.12	---	---	---	---	1.1	<1.3	---	---	---	---	---	---	---	---	---	39400	nc
Cyclohexane	---	---	1.0 J	47.2	---	1.4 J	6.6	---	---	---	---	1.3 J	7.3 J	---	---	---	---	---	---	---	---	---	2630000	nc
Dibromochloromethane	---	---	<1.4	<0.69	---	<1.3	<0.74	---	---	---	---	<1.2	<7.7	---	---	---	---	---	---	---	---	---	---	c
1,2-Dibromoethane (EDB)	---	---	<0.72	<0.40	---	<0.64	<0.43	---	---	---	---	<0.61	<4.5	---	---	---	---	---	---	---	---	---	20	c
1,2-Dichlorobenzene	---	---	<0.98	<0.54	---	<0.87	<0.58	---	---	---	---	<0.84	<6.0	---	---	---	---	---	---	---	---	---	88000	nc
1,3-Dichlorobenzene	---	---	<1.1	<0.68	---	<1.0	<0.73	---	---	---	---	<0.98	<7.6	---	---	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	<2.0	<1.2	---	<1.8	1.5 J	---	---	---	---	<1.7	<13.1	---	---	---	---	---	---	---	---	---	1110	c
Dichlorodifluoromethane	---	---	3.0	3.4	---	2.9	2.3	---	---	---	---	3.3	3.5 J	---	---	---	---	---	---	---	---	---	44000	nc
1,1 - Dichloroethane (1,1-DCA)	<1,300	<73	<0.44	1.0 J	900	83.1	1230	---	---	---	14	<0.38	8.2 J	---	---	---	---	---	---	---	---	---	7700	c
1,2 - Dichloroethane (1,2-DCA)	---	---	<0.29	2.5	---	<0.26	<0.28	---	---	---	---	<0.25	<2.9	---	---	---	---	---	---	---	---	---	472	c
1,1 - Dichloroethylene (1,1-DCE)	15,000	280 J	<0.54	0.30 J	1,500	195	2030	---	---	---	22	<0.46	<2.1	---	---	---	---	---	---	---	---	---	88000	nc
cis-1,2-Dichloroethene	**850,000**	**37,000**	<0.43	4.3	4,400	10.4	13.4	41.0	20.4	<1.97	680	0.57 J	5.9 J	3.7	0.59J	2.77J	<0.197	<0.197	<1.97	<0.197	<0.197	<1.97	18000	nc
trans-1,2-Dichloroethene	---	---	<0.56	<0.23	---	0.94 J	7.1	19.8	19.8	<2.31	---	<0.48	3.1 J	2.85	1.03	<2.31	<0.231	<0.231	<2.31	<0.231	<0.231	<2.31	17500	nc
1,2-Dichloropropane	---	---	<0.45	<0.36	---	<0.40	<0.39	---	---	---	---	<0.39	<4.0	---	---	---	---	---	---	---	---	---	1800	c
cis-1,3-Dichloropropene	---	---	<0.60	<0.34	---	<0.53	<0.37	---	---	---	---	<0.51	<3.8	---	---	---	---	---	---	---	---	---	---	---
trans-1,3-Dichloropropene	---	---	<0.86	<0.73	---	<0.77	<0.78	---	---	---	---	<0.74	<8.1	---	---	---	---	---	---	---	---	---	---	---
Dichlorotetrafluoroethane	---	---	<0.86	<0.27	---	<0.76	<0.29	---	---	---	---	<0.73	<3.0	---	---	---	---	---	---	---	---	---	---	---
1,4-Dioxane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2500	c
Ethanol	---	---	14.7	1010	---	18.1	37.2	---	---	---	---	20.7	88.5	---	---	---	---	---	---	---	---	---	---	---
Ethyl acetate	---	---	<0.37	570	---	<0.33	0.96 J	---	---	---	---	<0.32	<2.0	---	---	---	---	---	---	---	---	---	31000	nc
Ethylbenzene	<1,000	<56	<0.60	15.8	<13	<0.53	3.8	---	---	---	6.3 J	0.52 J	8.8 J	---	---	---	---	---	---	---	---	---	4910	c
4-ethyltoluene	---	---	<1.1	2.7 J	---	<1.0	2.3 J	---	---	---	---	<0.96	<7.0	---	---	---	---	---	---	---	---	---	---	---
n-Heptane	---	---	<0.74	8.3	---	<0.66	10.2	---	---	---	---	<0.64	8.8 J	---	---	---	---	---	---	---	---	---	180000	---
Hexachloro-1,3-butadiene	---	---	<3.9	<1.6	---	<3.4	<1.8	---	---	---	---	<3.3	<18.3	---	---	---	---	---	---	---	---	---	560	---
n-Hexane	---	---	2.6	16.4	---	5.2	11.7	---	---	---	---	3.7	19.9	---	---	---	---	---	---	---	---	---	310000	nc
2-Hexanone	---	---	<1.5	2.0 J	---	2.4 J	2.1 J	---	---	---	---	<1.3	<6.6	---	---	---	---	---	---	---	---	---	13100	nc
Isopropyl Alcohol (Isopropanol)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	88000	nc
Methylene Chloride	---	---	2.6 J	21.2	---	15.7	<0.85	---	---	---	---	3.2 J	<8.8	---	---	---	---	---	---	---	---	---	263000	nc
4-Methyl-2-pentanone (MIBK)	---	---	<1.0	44.7	---	<0.91	1.2 J	---	---	---	---	<0.87	<4.8	---	---	---	---	---	---	---	---	---	1310000	nc
Methyl Methacrylate	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	310000	nc
Methyl Tert-Butyl Ether (MTBE)	---	---	<1.3	<0.17	---	<1.2	<0.18	---	---	---	---	<1.1	<1.9	---	---	---	---	---	---	---	---	---	47200	c
Naphthalene	---	---	<2.6	<2.9	---	<2.3	<3.1	---	---	---	---	4.8	<32.3	---	---	---	---	---	---	---	---	---	361	c
2-Propanol	13,000 J	<240	14.2	215	<54	4.7	14.4	---	---	---	<5.7	5.7	113	---	---	---	---	---	---	---	---	---	87600	---
Propylene	---	---	<0.28	<0.17	---	17.9	29	---	---	---	---	<0.24	<1.9	---	---	---	---	---	---	---	---	---	1310000	nc
Styrene	---	---	<0.67	9.0	---	<0.60	0.76 J	---	---	---	---	<0.58	<5.7	---	---	---	---	---	---	---	---	---	440000	nc
1,1,2,2-Tetrachloroethane	---	---	<0.57	<0.50	---	<0.51	<0.54	---	---	---	---	<0.49	<5.5	---	---	---	---	---	---	---	---	---	211	c
Tetrachloroethene	<2,400	180J	<0.62	779	70 J	5.6	73.5	54.0	76.0	<2.78	26	0.75 J	9.6 J	2.85	7.7	7.5J	0.75 J	1.76	<2.78	1.97	2.99	<2.78	18000	nc
Tetrahydrofuran	---	---	<0.51	<0.24	---	<0.46	<0.26	---	---	---	---	<0.44	<2.7	---	---	---	---	---	---	---	---	---	880000	nc
Toluene	---	---	3.5	150	---	3.8	25.7	---	---	---	---	4.8	114	---	---	---	---	---	---	---	---	---	2200000	nc
1,2,4-Trichlorobenzene	---	---	<7.3	<6.5	---	<6.5	<7.0	---	---	---	---	<6.2	<72.7	---	---	---	---	---	---	---	---	---	880	nc
1,1,1 - Trichloroethane	<1,900	<110	<0.61	11.5	14,000	2820	48300	---	---	---	410	<0.52	273	---	---	---	---	---	---	---	---	---	2200000	nc
1,1,2-Trichloroethane	---	---	<0.49	<0.26	---	<0.44	<0.28	---	---	---	---	<0.42	<2.9	---	---	---	---	---	---	---	---	---	88	nc
Trichloroethene	**170,000**	**23,000**	1.2	143	**4,700**	47.2	**1,390**	680	710	19	**1,100**	11.1	**964**	490	**1000**	670	1.66	3.70	3.7J	1.61	1.45	30.0	880	nc
Trichlorofluromethane (Halocarbon 11)	<3,700	<160	4.0	1.7	190 J	4.7	1.8	---	---	---	6.5 J	5.2	<3.5	---	---	---	---	---	---	---	---	---	---	nc
1,1,2-Trichlorotrifluoroethane	---	---	<1.1	0.73 J	---	41.8	131	---	---	---	---	<0.95	24.9	---	---	---	---	---	---	---	---	---	2190000	---
Trimethylbenzene (1,2,4)	<910	600 J	<0.89	5.1	260	<0.79	5.8	---	---	---	150	<0.76	6.3 J	---	---	---	---	---	---	---	---	---	26300	nc
Trimethylbenzene (1,3,5)	<1,100	420 J	<0.78	2.1	190	<0.70	1.8	---	---	---	93	<0.67	<4.3	---	---	---	---	---	---	---	---	---	26300	---
Vinyl acetate	---	---	<0.53	10.4	---	<0.47	<0.30	---	---	---	---	<0.45	<3.1	---	---	---	---	---	---	---	---	---	88000	nc
Vinyl Chloride	---	---	<0.25	<0.12	---	<0.22	<0.12	---	<0.148	<1.48	---	<0.21	<1.3	<0.444	<0.148	<1.48	0.179 J	0.74	<1.48	<0.148	<0.148	<1.48	2800	c
m&p-Xylene	<1,300	160 J	1.7 J	58.1	<16	1.9 J	6.0	---	---	---	<1.7	2.0 J	23.6 J	---	---	---	---	---	---	---	---	---	44000	nc
o-Xylene	<910	530 J	<0.67	26.4	210	0.62 J	2.6	---	---	---	67	<0.58	8.8 J	---	---	---	---	---	---	---	---	---	44000	nc

Notes:

µg/m³ - micrograms per cubic meter

As noted in Kapur Data Tables: Vapor point VP-1 could not be sampled due the well being frozen or obstructed/compromised

Bold concentrations exceed the applicable Large Commercial/Industrial Standard

ND - not detected

NA - not analyzed

The following depicted sampling events depicted were performed by others: Stantec performed 12/14/17 vapor sampling events, Kapur performed the 4/4/19 & 9/23/21 vapor sampling events

KEC collected sampling events: 5/17/22, 2/21/23, 1/16/24

N/A - not applicable

Action levels obtained from the following references: Vapor Intrustion Screening Level (VISL) Calculator and EPA VISL Calculator

Table A.4 Vapor Analytical Table
BRRTS# 02-67-579813
Barton Products FMR Prism Mfg Facility
4991 Hron Road West Bend, WI 53095

Sample Location:	Indoor Air Vapor Samples																	Indoor Air Vapor Action Level		
Sample Identification:	VS-1	IAVS-1	IAVS-2	IAVS-3	IAVS-4	IAVS-5	IAVS-6	IA-1	IA-1	IA-2	IA-2	BA-1	BA-1	BA-2	BA-2	BA-3	BA-3	Non-Residential (1-in-100,000 risk for carcinogens)	Residential (1-in-100,000 risk for carcinogens)	c-Carcinogenic; nc Non-Carcinogenic
Date:	8/9/18	3/5/21	3/5/21	3/5/21	11/23/21	11/23/21	11/23/21	5/17/22	7/12/23	5/17/22	7/12/23	8/17/22	2/28/23	8/17/22	2/28/23	8/17/22	2/28/23			
Units:	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	µg/m^3	µg/m^3	
Acetone	71.6	377.0	170.0	156.0	41.7	39.9	2,130	---	910	---	2220	---	---	---	---	---	---	140000	32200	nc
Benzene	*6.0*	0.68	0.58	0.53	0.65	0.85	1.9	---	0.42J	---	0.54	---	---	---	---	---	---	16	3.6	c
Benzyl Chloride	<2.1	<2.0	<2.0	<2.0	<1.3	<1.2	<1.3	---	<0.209	---	<0.209	---	---	---	---	---	---	2.5	0.57	c
Bromodichloromethane	<0.64	<0.35	<0.35	<0.34	<0.35	<0.32	<0.34	---	<0.374	---	<0.374	---	---	---	---	---	---	3.31	0.76	c
Bromoform	<2.5	<1.4	<1.4	<1.4	<2.4	<2.2	<2.3	---	<0.414	---	<0.414	---	---	---	---	---	---	111	26	---
Bromomethane	<0.40	<0.28	<0.27	<0.27	<0.22	<0.20	<0.22	---	<0.2	---	<0.2	---	---	---	---	---	---	22	5.21	nc
1,3-Butadiene	<0.22	<0.17	<0.17	<0.16	<0.18	<0.16	<0.17	---	<0.143	---	<0.143	---	---	---	---	---	---	4.1	0.94	c
2-Butanone(MEK)	14.5	36.1	14.3	11.3	3.6 J	8.2	184	---	---	---	---	---	---	---	---	---	---	22000	5210	nc
Carbon disulfide	<0.38	<0.16	0.19 J	<0.15	<0.19	0.27 J	<0.19	---	0.47	---	0.37J	---	---	---	---	---	---	3100	730	nc
Carbon tetrachloride	<0.75	<0.33	<0.32	0.44 J	<0.42	<0.38	0.46 J	---	0.57	---	0.57J	---	---	---	---	---	---	20.4	4.7	c
Chlorobenzene	<0.48	<0.25	<0.24	<0.24	<0.23	<0.21	<0.22	---	<0.251	---	<0.251	---	---	---	---	---	---	220	52.1	nc
Chloroethane	<0.46	<0.21	<0.21	<0.21	<0.33	<0.30	<0.32	---	<0.159	---	<0.159	---	---	---	---	---	---	44000	10400	---
Chloroform	<0.34	<0.23	<0.22	<0.22	<0.27	<0.25	<0.26	---	<0.3	---	<0.3	---	---	---	---	---	---	5.33	1.22	c
Chloromethane	1.0	0.98	1.0	1.0	0.93	0.99	0.81	---	1.28J	---	1.09J	---	---	---	---	---	---	394	94	nc
Cyclohexane	<0.62	23.4	15.2	14.7	0.86 J	4.0	106	---	59	---	150	---	---	---	---	---	---	26300	6300	nc
Dibromochloromethane	<1.3	<0.51	<0.50	<0.49	<0.77	<0.69	<0.74	---	<0.376	---	<0.376	---	---	---	---	---	---	---	---	c
1,2-Dibromoethane (EDB)	<0.64	<0.36	<0.35	<0.35	<0.45	<0.40	<0.43	---	<0.342	---	<0.342	---	---	---	---	---	---	0.204	0.047	c
1,2-Dichlorobenzene	<0.87	<1.1	<1.1	<1.1	<0.60	<0.54	<0.58	---	<0.235	---	<0.235	---	---	---	---	---	---	880	210	nc
1,3-Dichlorobenzene	<1.0	<0.29	<0.29	<0.28	<0.28	<0.25	0.38 J	---	<0.302	---	<0.302	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	<1.8	1.7 J	<1.5	<1.4	<1.3	<1.2	<1.3	---	<0.302	---	0.36J	---	---	---	---	---	---	11.1	2.6	c
Dichlorodifluoromethane	6.8	2.5	2.7	2.7	2.5	3.0	2.7	---	2.57	---	2.27	---	---	---	---	---	---	440	104	nc
1,1 - Dichloroethane (1,1-DCA)	<0.39	<0.20	<0.19	0.47 J	<0.25	<0.22	<0.24	---	<0.187	---	<0.187	---	---	---	---	---	---	77	18	c
1,2 - Dichloroethane (1,2-DCA)	<0.26	<0.20	<0.20	<0.20	<0.29	<0.26	<0.28	---	<0.24	---	<0.24	---	---	---	---	---	---	4.72	1.1	c
1,1 - Dichloroethylene (1,1-DCE)	<0.48	<0.20	<0.19	<0.19	<0.21	<0.18	<0.20	---	---	---	---	---	---	---	---	---	---	880	210	nc
cis-1,2-Dichloroethene	<0.38	<0.22	<0.21	<0.21	<0.29	<0.26	<0.28	<0.197	<0.197	<0.197	<0.197	---	---	---	---	---	---	180	42	nc
trans-1,2-Dichloroethene	<0.50	<0.26	<0.25	<0.25	<0.25	<0.23	<0.24	<0.231	<0.231	<0.231	<0.231	---	---	---	---	---	---	175	42	nc
1,2-Dichloropropane	<0.40	<0.28	<0.28	<0.27	<0.40	<0.36	<0.39	---	<0.28	---	<0.28	---	---	---	---	---	---	18	4.2	c
cis-1,3-Dichloropropene	<0.53	<0.25	<0.24	<0.24	<0.38	<0.34	<0.37	---	<0.234	---	<0.234	---	---	---	---	---	---	---	---	---
trans-1,3-Dichloropropene	<0.77	<1.0	<1.0	<0.99	<0.81	<0.73	<0.78	---	<0.198	---	<0.198	---	---	---	---	---	---	---	---	---
Dichlorotetrafluoroethane	<0.76	<0.38	<0.37	<0.36	<0.30	<0.27	<0.29	---	<0.446	---	<0.446	---	---	---	---	---	---	---	---	---
1,4-Dioxane	---	---	---	---	---	---	---	---	<0.157	---	<0.157	---	---	---	---	---	---	25	5.6	c
Ethanol	41.8	599.0	422.0	435.0	110	168	200	---	211	---	850	---	---	---	---	---	---	---	---	---
Ethyl acetate	<0.33	72.8	25.0	24.7	3.9	17	***484***	---	<0.176	---	<0.176	---	---	---	---	---	---	310	73	nc
Ethylbenzene	4.3	4.5	3.1	2.8	2.0	2.2	***167***	---	2.95	---	29.9	---	---	---	---	---	---	49.1	11.2	c
4-ethyltoluene	1.1 J	4.8	4.4	4.8	1.2 J	1.2 J	49.9	---	21.9	---	460	---	---	---	---	---	---	---	---	---
n-Heptane	8.4	47.1	25.6	20.9	<0.27	14.4	116	---	---	---	---	---	---	---	---	---	---	1800	420	---
Hexachloro-1,3-butadiene	<3.4	<3.0	<2.9	<2.9	<1.8	<1.6	<1.8	---	<0.489	---	<0.489	---	---	---	---	---	---	5.6	1.3	---
n-Hexane	15.8	299.0	242.0	242.0	7.8	8.3	*1,720*	---	---	---	---	---	---	---	---	---	---	3100	730	nc
2-Hexanone	2.4 J	<1.2	<1.2	<1.2	1.2 J	0.86 J	<0.64	---	<0.222	---	<0.222	---	---	---	---	---	---	131	31.3	nc
Isopropyl Alcohol (Isopropanol)	---	---	---	---	---	---	---	---	79	---	*312*	---	---	---	---	---	---	880	210	nc
Methylene Chloride	3.9 J	7.2	3.8 J	3.2 J	<0.88	<0.79	2.2 J	---	26.8	---	111	---	---	---	---	---	---	2630	630	nc
4-Methyl-2-pentanone (MIBK)	<0.91	2.6 J	0.71 J	<0.17	0.70 J	4.2 J	5.8 J	---	24.2	---	85	---	---	---	---	---	---	13100	3130	nc
Methyl Methacrylate	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3100	730	nc
Methyl Tert-Butyl Ether (MTBE)	<1.2	<0.21	<0.20	<0.20	<0.19	<0.17	<0.18	---	4.9	---	33	---	---	---	---	---	---	472	110	c
Naphthalene	<2.3	<2.9	<2.9	<2.8	3.8 J	3.5 J	**3.9**	---	<0.16	---	<0.16	---	---	---	---	---	---	3.61	0.83	c
2-Propanol	17.1	42.8	41.5	37.0	8.7	36.9	*232*	---	0.73J	---	2.46	---	---	---	---	---	---	876	210	---
Propylene	4.2	<0.37	<0.37	<0.36	<0.19	<0.17	<0.19	---	---	---	---	---	---	---	---	---	---	13100	3130	nc
Styrene	18.1	0.76 J	0.69 J	0.61 J	0.78 J	1.2 J	3.4	---	1.02	---	1.62	---	---	---	---	---	---	4400	1040	nc
1,1,2,2-Tetrachloroethane	<0.51	<0.33	<0.33	<0.32	<0.55	<0.50	<0.54	---	<0.325	---	<0.325	---	---	---	---	---	---	2.11	0.484	c
Tetrachloroethene	3.7	0.70 J	<0.38	<0.37	<0.44	0.43 J	<0.42	<0.279	<0.278	<0.279	<0.278	---	---	---	---	---	---	180	42	nc
Tetrahydrofuran	<0.46	<0.20	<0.20	<0.20	<0.27	<0.24	<0.26	---	<0.131	---	<0.131	---	---	---	---	---	---	8800	2100	nc
Toluene	23.6	979.0	781.0	766.0	36.6	44.1	5,090	---	810	---	1760	---	---	---	---	---	---	22000	5210	nc
1,2,4-Trichlorobenzene	<6.5	<6.0	<5.9	<5.8	<7.3	<6.5	<7.0	---	<0.657	---	<0.657	---	---	---	---	---	---	8.8	2.1	nc
1,1,1 - Trichloroethane	2.2	<0.29	<0.29	<0.28	<0.28	<0.25	0.38 J	---	<0.249	---	<0.249	---	---	---	---	---	---	22000	5210	nc
1,1,2-Trichloroethane	<0.44	<0.27	<0.26	<0.26	<0.29	<0.26	<0.28	---	<0.258	---	<0.258	---	---	---	---	---	---	0.88	0.21	nc
Trichloroethene	<0.45	<0.33	<0.32	<0.31	<0.29	1.4	<0.28	<0.237	<0.237	<0.237	<0.237	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	8.8	2.1	nc
Trichlorofluromethane (Halocarbon 11)	11.1	1.4 J	1.3 J	1.4 J	1.0 J	1.4 J	1.3 J	---	1.46	---	1.46	---	---	---	---	---	---	---	---	nc
1,1,2-Trichlorotrifluoroethane	<0.99	0.58 J	0.59 J	0.60 J	0.47 J	0.60 J	0.47 J	---	---	---	---	---	---	---	---	---	---	21900	5210	---
Trimethylbenzene (1,2,4)	3.3	15.5	13.6	15.4	2.2	2.6	*148*	---	***69***	---	***1430***	---	---	---	---	---	---	263	63	nc
Trimethylbenzene (1,3,5)	1.3 J	5.3	4.3	4.9	1.1 J	1.2 J	48.1	---	20.2	---	***440***	---	---	---	---	---	---	263	63	---
Vinyl Acetate	<0.47	<0.18	<0.17	<0.17	<0.31	<0.28	<0.30	---	<0.203	---	<0.203	---	---	---	---	---	---	880	210	nc
Vinyl Chloride	<0.22	<0.13	<0.13	<0.13	<0.13	<0.12	<0.12	<0.148	<0.148	<0.148	<0.148	---	---	---	---	---	---	28	1.7	c
m&p-Xylene	16.3	19.4	13.2	12.3	5.9	6.7	***617***	---	9.9	---	99	---	---	---	---	---	---	440	104	nc
o-Xylene	6.0	8.3	6.0	5.7	1.7	2.2	*117*	---	6.7	---	*115*	---	---	---	---	---	---	440	104	nc

Notes:

µg/m^3 - micrograms per cubic meter

Bold concentrations exceed Non-Residential Standard

Italicised and Underlined concentrations exceed Residential Standard

--- -not analyzed, not applicable, not detected, or no standard established

Samples BA-1 through BA-3 were collected utilizing OVM badges supplied by the Wisconsin Occupational Health Laboratory

IA-1, IA-2, BA-1, BA-2, and BA-3 were collected by Konicek Environmental. All other samples depicted were collected by Kapur

Action levels obtained and calculated from values referenced in the EPA VISL Calculator and the August 2023 RR-0136 update

TABLE 1 - SURVEY AND WATER LEVEL DATA
FORMER BARTON PRODUCTS/PRISM MFG. PROPERTY
4991 HRON ROAD, TOWN OF WEST BEND, WISCONSIN

Well ID	Ground Surface Elevation (feet relative to site datum)	Reference Point Elevation (feet relative to site datum)	Top / Bottom Well Screen Elevation (fbg)	Measure-ment Date	Depth to Water (feet)		Water Table Elevation (feet)
					Below Reference Point	Below Grade	
TW1	99.93	102.31	4/14	6/7/2017	11.45	9.07	90.86
				12/19/2017	9.31	6.93	93.00
TW2	99.87	100.29	5/15	6/7/2017	9.95	9.53	90.34
				12/19/2017	8.07	7.65	92.22
TW3	100.05	102.51	4/14	6/7/2017	12.34	9.88	90.17
				12/19/2017	14.20	11.74	88.31
TW4	96.09	97.05	5/15	6/7/2017	6.98	6.02	90.07
				12/19/2017	6.39	5.43	90.66
TW5	100.05	100.21	5/15	6/7/2017	11.12	10.96	89.09
				12/19/2017	11.25	11.09	88.96
TW6	100.07	100.53	2/12	6/7/2017	11.20	10.74	89.33
				12/19/2017	11.33	10.87	89.20
TW7	95.97	96.00	5/15	6/7/2017	5.92	5.89	90.08
				12/19/2017	4.11	4.08	91.89
TW8	99.10	99.69	5/15	6/7/2017	10.54	9.95	89.15
				12/19/2017	12.44	11.85	87.25
TW9	98.23	100.12	5/15	6/7/2017	9.85	7.96	90.27
				12/19/2017	8.15	6.26	91.97
TW10	100.01	100.18	5/15	12/19/2017	14.54	14.37	85.64
MW1	100.02	102.04	5/15	12/19/2017	DRY	--	--
MW2	99.03	101.28	5/15	12/19/2017	6.26	4.01	95.02
MW3	98.60	100.82	5/15	12/19/2017	11.35	9.13	89.47
MW4	95.44	97.86	5/15	12/19/2017	9.23	6.81	88.63
P1	99.54	101.49	28/33	12/19/2017	13.49	11.54	88.00

Notes:

1) A site datum/benchmark was established at the Cell 3 door footing inside of the facility and was assigned a reference elevation of 100.00 feet.

2) The surveyed reference point for each well was the top/north side of the PVC riser pipe.

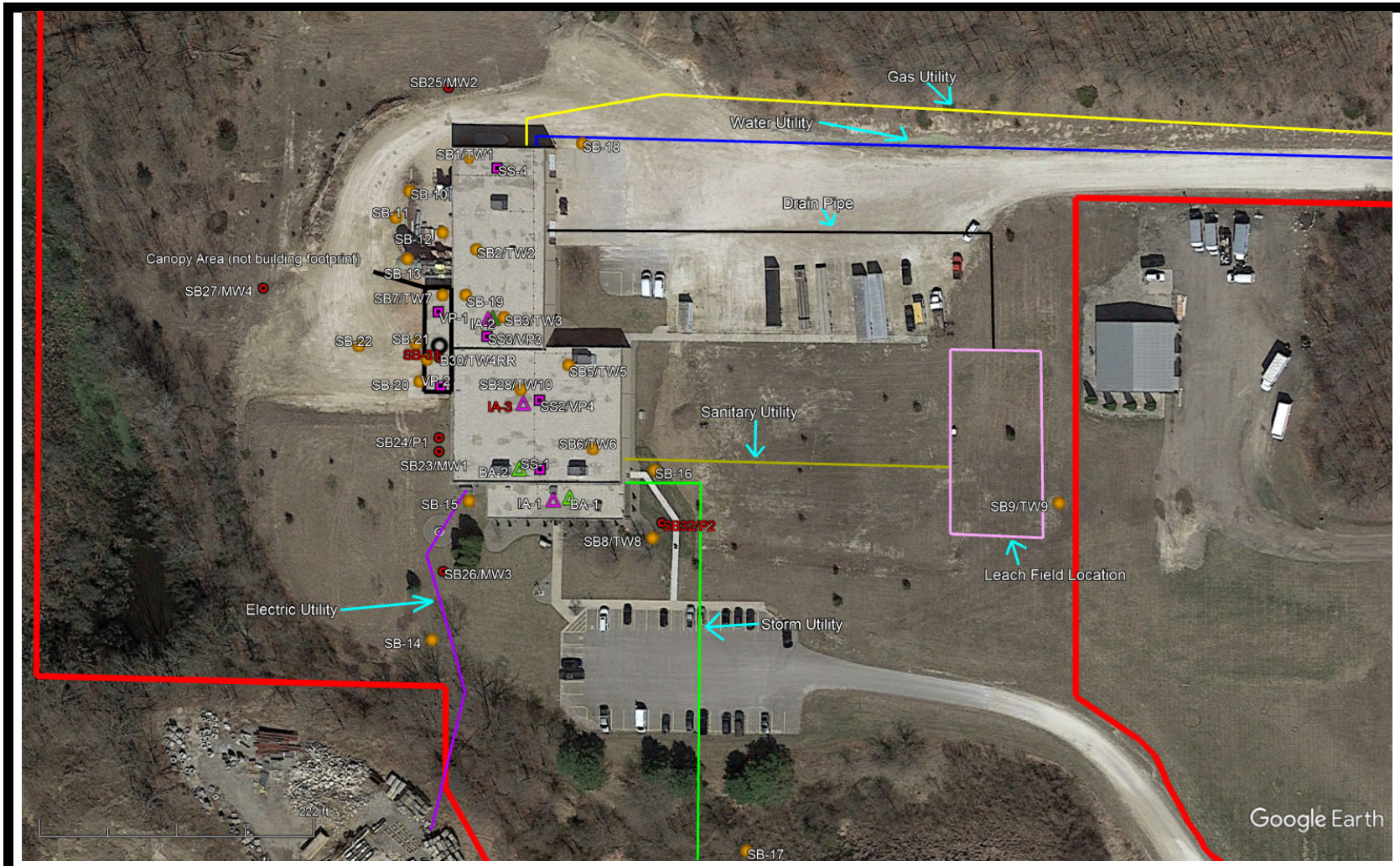
fbg = feet below grade
ID = identification
PVC - polyvinyl chloride

A.6. Water Level Elevations
Barton Products (Former Prism Manufacturing Facility)
4991 Hron Road, West Bend, Wisconsin

Well Data				
Well ID	Date	PVC Well Elevation (ft MSL)	Depth to Water (From TOC in feet bgs)	Water Elevation (ft MSL)
MW-1	August 9, 2018	102.04	13.52	88.52
	November 27, 2018		10.14	91.90
	March 8, 2019		4.13	97.91
	March 4, 2020		9.79	92.25
	June 9, 2021		11.71	90.33
	September 23, 2021		7.54	94.50
MW-2	August 9, 2018	101.28	7.00	94.28
	November 27, 2018		4.95	96.33
	March 8, 2019		4.98	96.30
	March 4, 2020		4.13	97.15
	June 9, 2021		6.16	95.12
	September 23, 2021		5.46	95.82
MW-3	August 9, 2018	100.82	11.50	89.32
	November 28, 2018		8.10	92.72
	March 8, 2019		4.76	96.06
	March 4, 2020		7.19	93.63
	June 9, 2021		9.93	90.89
	September 23, 2021		11.02	89.80
MW-4	August 9, 2018	97.86	9.38	88.48
	November 27, 2018		5.65	92.21
	March 8, 2019		4.54	93.32
	March 4, 2020		5.11	92.75
	June 9, 2021		7.31	90.55
	September 23, 2021		9.32	88.54
P-1	August 9, 2018	101.49	13.60	87.89
	November 27, 2018		10.20	91.29
	March 8, 2019		8.53	92.96
	March 4, 2020		9.57	91.92
	June 9, 2021		11.82	89.67
	September 23, 2021		13.60	87.89
TW-4	August 9, 2018	97.05	5.24	91.81
	November 27, 2018		2.60	94.45
TW-4R	March 4, 2020	97.41	5.19	92.22
TW-4RR	June 9, 2021	Well Not Surveyed	8.65	NM
	September 23, 2021		7.54	NM
TW-8	August 9, 2018	99.69	12.54	87.15
	November 27, 2018		8.29	91.40
	March 8, 2019		9.32	90.37
	March 4, 2020		6.58	93.11
	June 9, 2021		10.06	89.63
	September 23, 2021		12.74	86.95

Notes:
TOC = Top of casing
ft MSL = feet above mean sea level
NM = Not Measured

Attachment-2



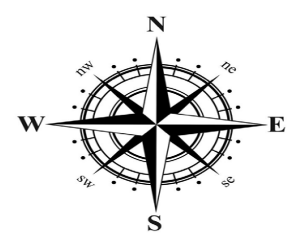
Scale: 1" = 134 feet (scale is approximate)

Legend

- Groundwater monitoring well and/or piezometer location (MW/P)
- Soil probe and/or temp well location (SB/TW)
- Sub-slab vapor sample location (SS/VP)
- Indoor Air vapor sample location (IA)
- Former Organic Vapor Monitor Sample location (BA)
- Former Source Area Above Ground Storage Tank Location
- Property Boundary

all locations depicted are approximate based on available information

**NOTE: Newly proposed sample locations are marked in Red text.



Konicek Environmental Consulting, LLC

Created by: AL

Date: 4/11/25

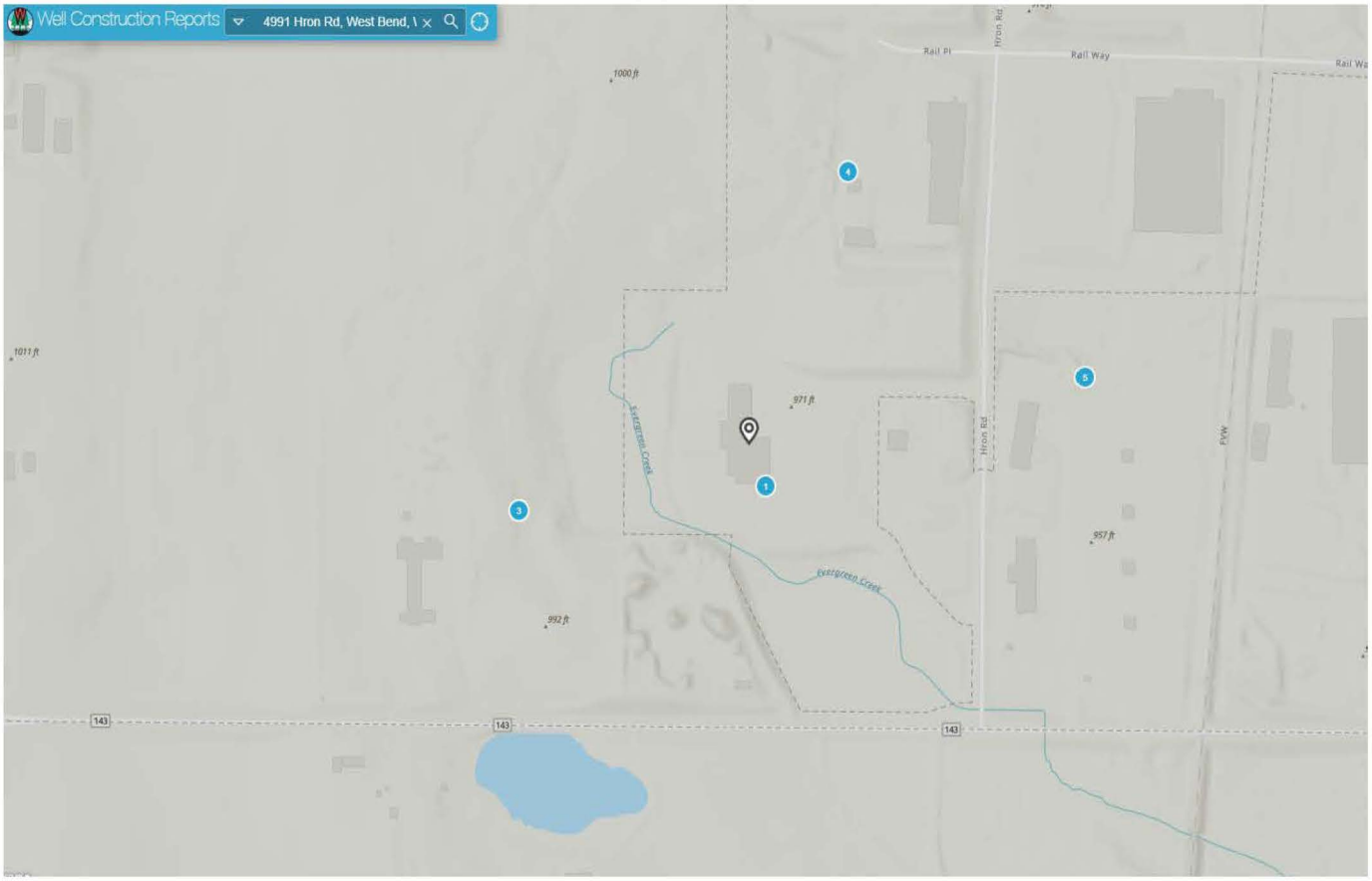
Figure B.1.b. Detailed Site Map

Barton Products FMR Prism Mfg Facility

BRRTS# 02-67-579813

4991 Hron Road West Bend, WI 53095

Attachment-3



1 BO725 - 4991 CTH NN
~0.03 MILES

2 OR802 - HRON RD
~0.15 MILES

3 ON322 - 4980 HRON RD
~0.15 MILES

4 WI047 - 445 RAIL PLACE
~0.17 MILES

5 LT176 - 4990 HRON RD
~0.21 MILES

Well Construction Report
WISCONSIN UNIQUE WELL NUMBER ON322

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707
Form 3300-077A

Property Owner: DUQUAINE, ED	Phone #: (262)677-9988
Mailing Address: 3223 BITTERSWEET CIR	
City: WEST BEND	State: WI — Zip Code: 53095
County: Washington	Co. Permit #: — Notification #: — Completed: 06-11-2001
Well Constructor (Business Name): KARL I STENERSON	Lic. #: 368 — Facility ID # (Public Wells):
Address: N8101 BAYVIEW RD, HORICON WI 53032	Well Plan Approval #: — Approval Date (mm-dd-yyyy):
Hicap Permanent Well #:	Common Well #: — Specific Capacity: 0.8

1. Well Location
Town of WEST BEND
Fire # (if avail.):
Street Address or Road Name and Number: 4980 HRON RD
Subdivision Name: — Lot #: — Block #:
Latitude / Longitude in Decimal Degree (DD): °N °W
Method Code: GPS008

SE	SW	Section	Township	Range
or Govt Lot #		36	11 N	19 E

2. Well Type New Well
of previous unique well # — constructed in
Reason for replaced or reconstructed well ?
Construction Type: Drilled

3. Well serves 1 # of SHOP
Non-community
Heat Exchange____# of drillholes
Hicap Well ? No
Hicap Property ? No
Hicap Potable ?

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	359

Upper Enlarged Drillhole — Lower Open Bedrock

Yes — Rotary - Mud Circulation ..... — No
Rotary - Air .....
Rotary - Air & Foam .....
Drill-Through Casing Hammer
Reverse Rotary
Cable-tool Bit ____in. dia...
Dual Rotary .....
Temp. Outer Casing ____in. dia
Removed? ____depth ft. (If NO explain on back side)

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
-	-	C	-	CLAY	Surface	23
-	-	C	S	SANDY CLAY	23	70
-	-	C	-	CLAY	70	297
-	-	S	-	SAND	297	304
-	-	C	-	CLAY	304	349
-	-	Y	-	GRAVEL & SAND	349	359

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6	NEW 18.97 LB. STEEL A-53 GR B PE SAWHILL TUBULAR W/SHOE	Surface	359
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)

9. Static Water Level
20 ft. below ground surface

10. Pump Test
Pumping level 40 ft. below surface
Pumping at 15 GP M for 2 Hrs.
Pumping Method ?

11. Well Is
16 in. above grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

7. Grout or Other Sealing Material
Method

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
DRILLING MUD/CUTTING	Surface	359	

12. Notified Owner of need to fill & seal ?
Filled & Sealed Well(s) as needed? Yes

13. Constructor / Supervisory Driller	Lic #	Date Signed
KS		06-20-2001
Drill Rig Operator	**Lic or Reg #**	**Date Signed**

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
Building Overhang		20	Sewer - Building Sanitary		30
			Septic or Holding, or POWTS Tank		27

Comment:

Created On: 07-31-2001 Created by: WELL CONST LOAD Updated On: 07-31-2001 Updated by: WELL PROCESS

Well Construction Report
WISCONSIN UNIQUE WELL NUMBER BO725

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707

Form 3300-077A

Property Owner: STRATFORD CORP			Phone #
Mailing Address: BOX 533			
City: WEST BEND	State: WI	Zip Code: 53095	
County: Washington	Co. Permit #	Notification #	Completed: 05-30-1979

Well Constructor (Business Name): GROTH WATER WELLS INC	Lic #: 639	Facility ID # (Public Wells): 267014880
Address: W69 N949 WASHINGTON AVE CEDARBURG WI 53012		Well Plan Approval #
		Approval Date (mm-dd-yyyy)
Hicap Permanent Well #	Common Well #	Specific Capacity: 3

1. Well Location

Town of WEST BEND

Fire # (if avail.)

Street Address or Road Name and Number: 4991 CTH NN

Subdivision Name	Lot #	Block #

Latitude / Longitude in Decimal Degree (DD): 43.3708 °N -88.1699 °W	Method Code: GCD013			
SW SE or Govt Lot #	Section: 36	Township: 11 N	Range: 19 E	

2. Well Type New Well

of previous unique well # constructed in

Reason for replaced or reconstructed well ?

Construction Type: Drilled

3. Well serves # of

Non-community

Heat Exchange____# of drillholes

Hicap Well ? No

Hicap Property ? No

Hicap Potable ?

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
10	Surface	8
6.25	8	400

Upper Enlarged Drillhole		Lower Open Bedrock
No	Rotary - Mud Circulation	No
No	Rotary - Air	No
No	Rotary - Air & Foam	No
No	Drill-Through Casing Hammer	
No	Reverse Rotary	
No	Cable-tool Bit ____in. dia...	No
	Dual Rotary	
No	Temp. Outer Casing ____in. dia	
No	Removed? ____depth ft. (If NO explain on back side)	

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
		S		SAND	Surface	105
		C	S	SANDY CLAY	105	240
		C	G	CLAY & STONES	240	317
		C	S	SANDY CLAY	317	350
		Y		GRAVEL & SAND	350	387
		L		LIMEROCK	387	400

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
7	26# API 5A THRDED &CPLD VALLEY STEEL	Surface	387
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)

9. Static Water Level

20 ft. below ground surface

10. Pump Test

Pumping level 40 ft. below surface

Pumping at 60 GP for 3 Hrs.

Pumping Method ?

11. Well Is

24 in. above grade

Developed ? No

Disinfected ? Yes

Capped ? Yes

7. Grout or Other Sealing Material

Method

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
DRILL CUTTINGS	Surface	8	

12. Notified Owner of need to fill & seal ?

Filled & Sealed Well(s) as needed? No

13. Constructor / Supervisory Driller	Lic #	Date Signed
Drill Rig Operator	Lic or Reg #	Date Signed

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance
Building Overhang		30

Comment:

Created On: 04-10-2001 Created by: SPAETE Updated On: 07-05-2019 Updated by: PARCEL_MATCH

Well Construction Report
WISCONSIN UNIQUE WELL NUMBER LT176

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707

Form 3300-077A

Property Owner: FRANCOIS, MICHAEL @ NANCY			Phone #
Mailing Address: 4990 HRON RD			
City: WEST BEND	State: WI	Zip Code: 53095	
County: Washington	Co. Permit #	Notification #	Completed: 07-30-1997

Well Constructor (Business Name): GROTH WATER WELLS INC	Lic. # 639	Facility ID # (Public Wells)	
Address: W69 N949 WASHINGTON CEDARBURG WI 53012		Well Plan Approval #	
		Approval Date (mm-dd-yyyy)	
Hicap Permanent Well #	Common Well #	Specific Capacity: 2.2	

3. Well serves 1 # of INDUSTRY
Private,potable
Heat Exchange____# of drillholes

Hicap Well ? No
Hicap Property ? No
Hicap Potable ?

1. Well Location
Town of WEST BEND

Fire # (if avail.)

Street Address or Road Name and Number: 4990 HRON RD

Subdivision Name	Lot #	Block #

Latitude / Longitude in Decimal Degree (DD): 43.3716 °N -88.1664 °W	Method Code: GCD013			
SW SE or Govt Lot #	Section: 36	Township: 11 N	Range: 19 E	

2. Well Type New Well
of previous unique well # constructed in

Reason for replaced or reconstructed well ?

Construction Type: Drilled

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
6	Surface	362

Upper Enlarged Drillhole / Lower Open Bedrock

- Rotary - Mud Circulation .....
- Rotary - Air .....
- Rotary - Air & Foam .....
- Drill-Through Casing Hammer
- Reverse Rotary
- Cable-tool Bit ____in. dia...
- Dual Rotary .....
- Temp. Outer Casing ____in. dia
  - Removed? ____depth ft. (If NO explain on back side)

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
		C		CLAY	Surface	38
		S		SAND	38	46
		C	S	SANDY CLAY	46	150
		C	G	CLAY S SMALL GRAVEL LAYERS	150	198
		C	S	SANDY CLAY	198	205
		C	G	CLAY S SMALL GRAVEL LAYERS	205	250
		C		CLAY	250	338
		G		GRAVEL	338	362

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6	1897 # ASTM A53 PE IPSCO	Surface	362
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)

9. Static Water Level
26 ft. below ground surface

10. Pump Test
Pumping level 35 ft. below surface
Pumping at 20 GP M for 2 Hrs.
Pumping Method ?

11. Well Is
18 in. above grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

7. Grout or Other Sealing Material
Method

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
8 MESH GRANULAR BENTONITE	Surface	38	

12. Notified Owner of need to fill & seal ?

Filled & Sealed Well(s) as needed?

13. Constructor / Supervisory Driller	Lic #	Date Signed
HG		08-12-1997
Drill Rig Operator	Lic or Reg #	Date Signed

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
Building Overhang		8	Septic or Holding, or POWTS Tank		33

Comment:

Created On: 10-07-1997 Created by: HFRC LOAD Updated On: 07-05-2019 Updated by: PARCEL_MATCH

Well Construction Report
WISCONSIN UNIQUE WELL NUMBER WI047

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707
Form 3300-077A

Property Owner: HBL ENTERPRISES LLC	Phone #: (262)675-2321
Mailing Address: 1471 PHEASANT LN	
City: CEDARBURG	State: WI — Zip Code: 53012

County	Co. Permit #	Notification #	Completed
Washington		23732166	09-01-2006

Well Constructor (Business Name)	Lic. #	Facility ID # (Public Wells)
SAM'S WELL DRILLING INC	370	

Address: PO BOX 150, RANDOLPH WI 53956-0150

Well Plan Approval #

Approval Date (mm-dd-yyyy)

Hicap Permanent Well #	Common Well #	Specific Capacity
		0.5

3. Well serves 1 # of
Private,potable
Heat Exchange____# of drillholes

Hicap Well ? No
Hicap Property ? No
Hicap Potable ?

1. Well Location
Town of WEST BEND

Fire # (if avail.): 445

Street Address or Road Name and Number: RAIL PLACE

Subdivision Name	Lot #	Block #
INDUSTRIAL PARK	3	

Latitude / Longitude in Decimal Degree (DD)				Method Code
43.3733 °N	-88.1693 °W			GCD013

NW SE or Govt Lot #	Section	Township	Range
	36	11 N	19 E

2. Well Type New Well
of previous unique well # constructed in

Reason for replaced or reconstructed well ?

Construction Type: Drilled

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
8.75	Surface	180
6	180	435

Upper Enlarged Drillhole		Lower Open Bedrock
No	Rotary - Mud Circulation	No
Yes	Rotary - Air	Yes
No	Rotary - Air & Foam	No
No	Drill-Through Casing Hammer	
No	Reverse Rotary	
No	Cable-tool Bit ____in. dia...	No
	Dual Rotary	
No	Temp. Outer Casing ____in. dia	
No	Removed? ____depth ft. (If NO explain on back side)	

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
-	-	C	-	Clay	Surface	5
-	-	Z	-	Clay & Gravel	5	43
-	-	C	S	Clay, Sandy	43	60
-	-	C	-	Clay	60	83
-	-	C	S	Clay, Sandy	83	310
-	-	Y	-	Sand & Gravel	310	325
-	-	G	M	Gravel/Cobbles/Boulders/Stones , Silty	325	408
-	-	L	-	Limestone/Dolomite	408	435

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6	STD BLK, PIPE, .280 WALL, P.E., A53B TIANJIN SHUANGJIE	Surface	410
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)

7. Grout or Other Sealing Material
Method

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
Drill mud and cuttings	Surface	410	8

9. Static Water Level
40 ft. below ground surface

10. Pump Test
Pumping level 160 ft. below surface
Pumping at 60 GP M for 1 Hrs.
Pumping Method ?

11. Well Is
20 in. above grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

12. Notified Owner of need to fill & seal ?

Filled & Sealed Well(s) as needed?

13. Constructor / Supervisory Driller	Lic #	Date Signed
JVG		09-01-2006
Drill Rig Operator	**Lic or Reg #**	**Date Signed**
SIVG		09-01-2006

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance
Building Overhang		12

Comment: UPPER HOLE 8.75 MUD HOLE TO 180' DUAL ROTARY FROM 180-410'. OPEN HOLE AIR ROTARY 410-435'.

Created On: 09-12-2006 Created by: WELL CONST LOAD Updated On: 07-05-2019 Updated by: PARCEL_MATCH

Well Construction Report
WISCONSIN UNIQUE WELL NUMBER OR802

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707
Form 3300-077A

Property Owner: REPCO, REUPORT, BOB	Phone #: (920)674-3933
Mailing Address: PO BOX 89	
City: JEFFERSON	State: WI — Zip Code: 53549
County: Washington	Co. Permit #: — Notification #: — Completed: 01-04-2001
Well Constructor (Business Name): SAMS ROTARY DRILLERS INC	Lic. #: 370 — Facility ID # (Public Wells):
Address: PO BOX 150 N9935 PLEASANT RD RANDOLPH WI 53956-0150	Well Plan Approval #: — Approval Date (mm-dd-yyyy):
Hicap Permanent Well #:	Common Well #: — Specific Capacity: 0.5

1. Well Location
Town of WEST BEND
Fire # (if avail.):
Street Address or Road Name and Number: HRON RD
Subdivision Name: CSM #5274 — Lot #: 3 — Block #:
Latitude / Longitude in Decimal Degree (DD): °N °W — Method Code: GPS008
SE SW or Govt Lot #: — Section: 36 — Township: 11 N — Range: 19 E

2. Well Type New Well
of previous unique well # — constructed in
Reason for replaced or reconstructed well ?
Construction Type: Drilled

3. Well serves 1 # of BUSINESS
Non-community
Heat Exchange____# of drillholes
Hicap Well ? No
Hicap Property ? No
Hicap Potable ?

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
6	Surface	186

Upper Enlarged Drillhole / Lower Open Bedrock
Rotary - Mud Circulation .....
Rotary - Air .....
Rotary - Air & Foam .....
Drill-Through Casing Hammer
Reverse Rotary
Cable-tool Bit ____in. dia...
Dual Rotary .....
Temp. Outer Casing ____in. dia
Removed? ____depth ft. (If NO explain on back side)

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
-	-	X	-	CLAY & SAND	Surface	2
-	-	S	-	SAND	2	15
-	-	X	-	CLAY & SAND	15	31
-	-	X	M	CLAY & SILTY SAND	31	78
-	-	C	-	CLAY	78	92
-	S	G	C	CLAY W/STREAKS OF GRAVEL	92	178
-	N	Y	M	FINE SILTY SAND & GRAVEL	178	186

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6	STD. BLK. PIPE, .280 WALL, WLD. JNTS. A53 IPSCO	Surface	183
5	RISER PIPE W/PACKER	179	183
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)
5	10 SLOTTED STAINLESS	183	186

7. Grout or Other Sealing Material
Method

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
GRANULAR BENTONITE	Surface		1 S

9. Static Water Level
10 ft. below ground surface

10. Pump Test
Pumping level 50 ft. below surface
Pumping at 20 GP M for 1 Hrs.
Pumping Method ?

11. Well Is
18 in. above grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

12. Notified Owner of need to fill & seal ?
Filled & Sealed Well(s) as needed?

13. Constructor / Supervisory Driller	Lic #	Date Signed
JV		01-12-2001
Drill Rig Operator	**Lic or Reg #**	**Date Signed**
SUK		01-09-2001

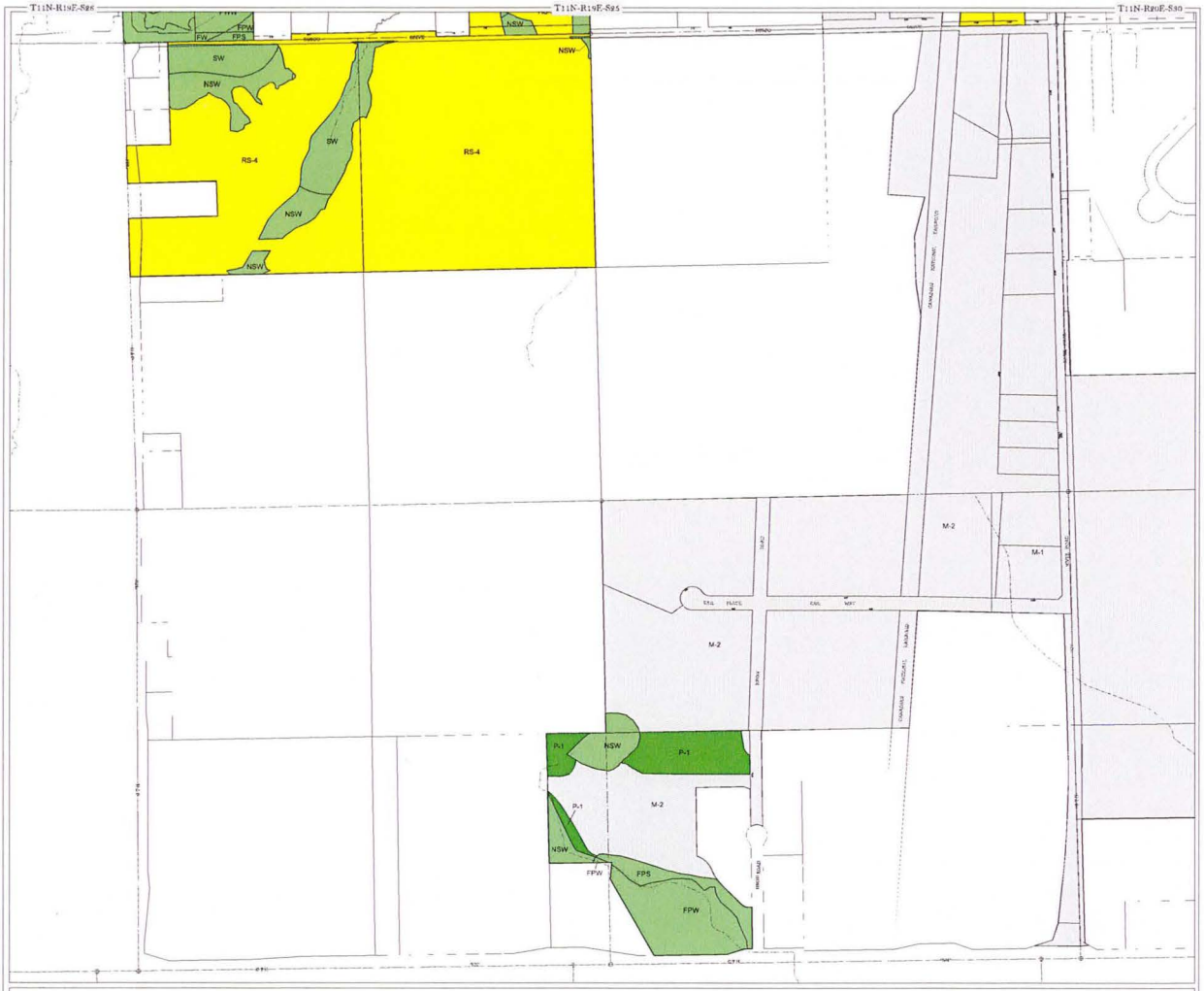
4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance
POWTS dispersal component (soil absorption unit or mound)		60

Comment:

Created On: 06-25-2001 Created by: WELL CONST LOAD Updated On: 06-25-2001 Updated by: WELL PROCESS

Attachment-4



Zoning Map of T11N-R19E-S36

City of West Bend
Washington County, Wisconsin

Grid North is referenced to Wisconsin State Plane Coordinate System, South Zone as established by the Southeastern Wisconsin Regional Planning Commission.

1 Inch = 400 Feet Scale 1:4800

Residential Single-Family Districts
RS-1 Single-Family Residential
RS-2 Single-Family Residential
RS-3 Single-Family Residential
RS-4 Single-Family Residential

Residential Two-Family Districts
RD-1 Two-Family Residential
RD-2 Two-Family Residential

Residential Multi-Family Districts
RM-1 Multi-Family Residential
RM-2 Multi-Family Residential
RM-3 Multi-Family Residential
RM-4 Multi-Family Residential
RM-5 Multi-Family Residential

Mixed Residential Zoning
(See Department of Community Development for details)

MXD Mixed-Use Development Dist.

Business Districts
B-1 Community Business
B-2 Central Business
B-3 Neighborhood Business
B-4 General Business & Warehousing
B-5 Neighborhood Office & Service
B-6 Office Park
B-7 Intensive Commercial & Distribution

Public & Quasi-Public Institutional Dist.
I-1 Institutional & Public Service

Manufacturing & Industrial Districts
M-1 Light Industrial
M-2 Heavy Industrial
M-3 Planned Business Park

Park & Recreation Districts
P-1 Park, Recreation, & Open Space

Floodland & Conservancy Districts
FW Floodway
FWW Floodway-Wetland
FPW Floodplain-Wetland
FPS Floodplain-Storage
SW Shoreland Wetland
NSW Non-Shoreland Wetland

Temporary Zoning District
(See Dept. of Comm. Dev. for details)

Planned Unit Development Overlay Dist.

Floodplain Fringe Overlay District

PLSS Corner / Monument

Water Feature Boundary

Quarter-Section Lines

Parcel Boundary

Zoning District Boundary

Floodplain elevation in feet above National Geodetic Vertical Datum (NGVD-1929)

River Mile – Distance in miles above river mouth or confluence

The district boundaries shown on this map are reflective of ordinances approved by the City of West Bend Common Council and are defined by the Zoning Code, Chapter 17 of the Municipal Code of the City of West Bend.

Such boundaries are construed to follow: Corporate Limits, U.S. Public Land Survey Lines, Lot Property Lines, Centerlines at Right-of-Way or Easements, or such lines extended.

Where district boundaries do not follow lines of record, boundaries have been input in accordance with the description given within the ordinance. Wetland data shown on the final Wisconsin Wetland Inventory Maps for the City of West Bend prepared by the Wisconsin Department of Natural Resources and dated September 3, 1985 were used in preparation of this map.

The precise locations of Wetland Limits which serve as Zoning District Boundaries are subject to field verification.

Flood Hazard Data contained in the Flood Insurance Study, City of West Bend, Washington County, prepared by the Federal Emergency Management Agency (FEMA), and dated July 18, 1997, were used in the preparation of this map. Property Line information was provided by the City of West Bend and the Washington County Real Property Listers Office.

Horizontal Datum based on the Wisconsin State Plane Coordinate System, South Zone. North American Datum, 1927.

Data is current as of January 1, 1998.

Certification:

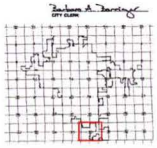
I, the undersigned, Mayor of the City of West Bend, Washington County, Wisconsin, do hereby certify that this "Official Zoning Map" was adopted and approved as part of the "Zoning Ordinance, City of West Bend, Wisconsin", on January 12, 1991, and is available in the office of the City Clerk. Changes thereafter shall not become effective until entered on this certified copy.

Michael R. Miller
MAYOR

January 12, 1991
DATE

Barbara A. Darrington
CITY CLERK

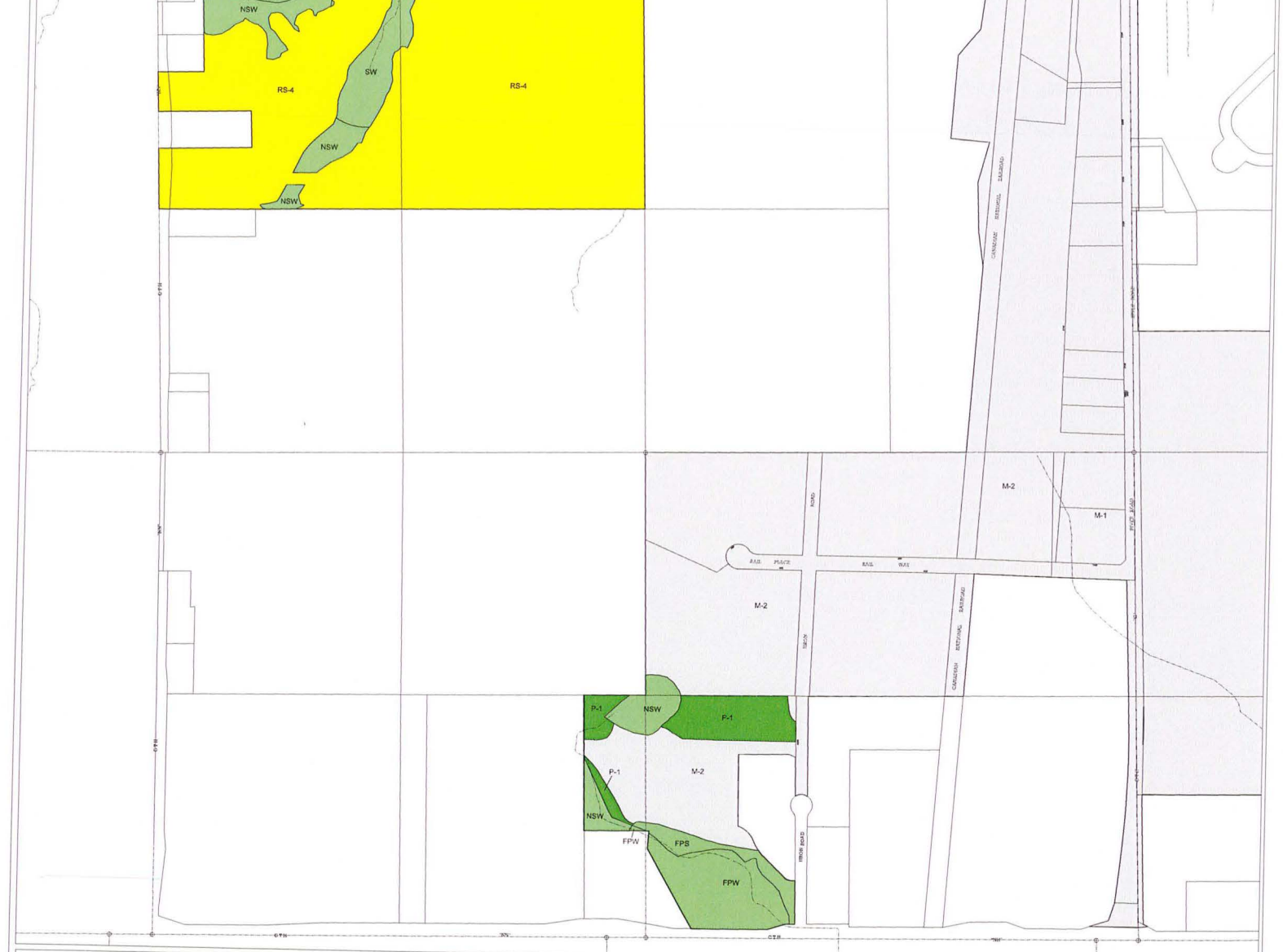
January 12, 1991
DATE



City of West Bend

Compiled and Created by
City of West Bend
1115 South Main Street
West Bend, Wisconsin 53095
(262) 335-5112
jsuhr@ci.wbend.wi.us

Map # T11N-R19E-S36



Zoning Map of T11N-R19E-S36

City of West Bend
Washington County, Wisconsin

Grid North is referenced to Wisconsin State Plane Coordinate System, South Zone as established by the Southeastern Wisconsin Regional Planning Commission

200 100 0 200 400 600 800 Feet

1 Inch = 200 Feet Scale 1:2400

Residential Single-Family Districts
RS-1 Single-Family Residential
RS-2 Single-Family Residential
RS-3 Single-Family Residential
RS-4 Single-Family Residential

Residential Two-Family Districts
RD-1 Two-Family Residential
RD-2 Two-Family Residential

Residential Multi-Family Districts
RM-1 Multi-Family Residential
RM-2 Multi-Family Residential
RM-3 Multi-Family Residential
RM-4 Multi-Family Residential
RM-5 Multi-Family Residential

Mixed Residential Zoning
(See Department of Community Development for details)

MXD Mixed-Use Development Dist.

Business Districts
B-1 Community Business
B-2 Central Business
B-3 Neighborhood Business
B-4 General Business & Warehousing
B-5 Neighborhood Office & Service
B-6 Office Park
B-7 Intensive Commercial & Distribution

Public & Quasi-Public Institutional Dist.
I-1 Institutional & Public Service

Manufacturing & Industrial Districts
M-1 Light Industrial
M-2 Heavy Industrial
M-3 Planned Business Park

Park & Recreation Districts
P-1 Park, Recreation, & Open Space

Floodland & Conservancy Districts
FW Floodway
FWW Floodway-Wetland
FPW Floodplain-Wetland
FPS Floodplain-Storage
SW Shoreland Wetland
NSW Non-Shoreland Wetland

Temporary Zoning District
(See Dept. of Comm. Dev. for details)

Planned Unit Development Overlay Dist.

Floodplain Fringe Overlay District

PLSS Corner / Monument

Water Feature Boundary

Quarter-Section Lines

Parcel Boundary

Zoning District Boundary

915.5 Rivers

Floodplain elevation in feet above National Geodetic Vertical Datum (NGVD-1929)

River Mile — Distance in miles above river mouth or confluence

The district boundaries shown on this map are reflective of ordinances approved by the City of West Bend Common Council and are defined by the Zoning Code, Chapter 17 of the Municipal Code of the City of West Bend.

Such boundaries are construed to follow: Corporate Limits, U.S. Public Land Survey Lines, Lot Property Lines, Centerlines of Right-of-Ways or Easements, or such lines extended.

Where district boundaries do not follow lines of record, boundaries have been input in accordance with the description given within the ordinance.

Wetland data shown on the final Wisconsin Wetland Inventory Maps for the City of West Bend prepared by the Wisconsin Department of Natural Resources and dated September 3, 1986 were used in preparation of this map.

The precise locations of Wetland Limits which serve as Zoning District Boundaries are subject to field verification.

Flood Hazard Data contained in the Flood Insurance Study, City of West Bend, Washington County, prepared by the Federal Emergency Management Agency (FEMA) and dated July 18, 1997, were used in the preparation of this map.

Property Line information was provided by the City of West Bend and the Washington County Real Property Listers Office.

Horizontal Datum based on the Wisconsin State Plane Coordinate System, South Zone: North American Datum, 1927.

* Data is current as of January 1, 1991

Certification:

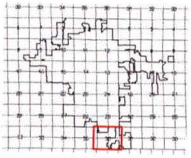
I, the undersigned, Mayor of the City of West Bend, Washington County, Wisconsin, do hereby certify that this "Official Zoning Map" was adopted and approved as part of the "Zoning Ordinance, City of West Bend, Wisconsin", on January 28, 1991, and is available in the office of the City Clerk. Changes thereafter shall not become effective until entered on this certified copy.

Michael R. Miller
MAYOR

January 29, 1991
DATE

Barbara A. Barringer
CITY CLERK

January 29, 1991
DATE



City of West Bend

Compiled and Created by
City of West Bend
1115 South Main Street
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gis@ci.west-bend.wi.us

Map # T11N-R19E-S36