JOINT ARCHITECTURAL BOARD/PLAN COMMISSION AGENDA
MONDAY, AUGUST 19, 2024
6:30 PM
BOARD ROOM, MUNICIPAL BUILDING, 210 COTTONWOOD

Roll Call

Public Comments: Please be advised the Joint Architectural Board/Plan Commission will receive comments from the public related to any item(s) on the agenda for a three-minute time period per person, with time extensions per the Chairman's discretion.

1. Consideration of a motion to approve the Jt. Architectural Board/Plan Commission minutes
    a. June 17, 2024
    b. July 15, 2024

2. Architectural Board review and consideration of an application for signage for Wisconsin Dance Theatre, 509 Cottonwood Avenue.

3. The Plan Commission will conduct its second review for proposed PUD development ("Project") whose approval is being sought by Three Leaf Development on property tax key HAV 0423981056 located on Campus Drive. The Plan Commission and Architectural Board will review and consider:

    a. Proposed preliminary site and building plans for senior living development (approx. 120 units);
    b. Proposed preliminary certified survey map;
    c. Proposed rezoning to RM-1 in conjunction with a PUD Agreement for the Project;
    d. Proposed petition for a Planned Unit Development
    e. Proposed land use amendment and Resolution
    f. Referral to Village Board for initial review

4. Plan Commission conceptual review of proposed accessory building for Lake Country Players, Inc., 221 E. Capitol Drive, for storage and workspace.

5. Announcements: The following individuals will be given an opportunity to make announcements at the meeting in regard to (1) activities taken since the previous meeting on behalf of the community, (2) future municipal activities, and (3) communications received from citizens. It is not contemplated that these matters will be discussed or acted upon. The following individuals may provide announcements: Village President or individual Village Board members or Village Administrator or other Village Staff members.

6. Adjourn.

Ryan Bailey, Village Manager

A complete packet of meeting materials is normally available by 5:00pm on the Friday before the meeting on the Village website: www.villageofhartland.wi.gov (Government/Agendas and Minutes). Notice: Please note that upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact Sandee Policello, Village Clerk, at 262-367-2714. The Municipal Building is handicap accessible. To participate in the Village of Hartland "Zoom" meeting with video, https://us02web.zoom.us/j/86023953670?pwd=FbSoUh1Ga75qc49b9FDEF69bM6zLfb.1
The Meeting ID is 860 2395 3670, Passcode is 236992. To participate in the Village of Hartland "Zoom" meeting (audio only), please dial 1(312)626-6799.

JOINT ARCHITECTURAL BOARD/PLAN COMMISSION MINUTES
MONDAY JUNE 17, 2024
6:30 PM
BOARD ROOM
MUNICIPAL BUILDING, 210 COTTONWOOD AVE.

Present: Tim Hallquist, Jeff Bierman, Ann Wallschlager, Chip Schneeberger and David DeCourcy-Bower.
Absent: Dino Xykis, Jeff Pfannerstill
Others Present: Ryan Bailey on Zoom, Scott Hussinger, Ryan Amtmann, and Deputy Clerk Bushey.
Call to Order- 6:30 pm

Roll Call taken.

Public Comments: Please be advised the Joint Architectural Board/Plan Commission will receive comments from the public related to any item(s) on the agenda for a three-minute time period per person, with time extensions per the Chairman's discretion.

- No Comments

1. **Consideration of a motion to nominate a temporary pro tem Chairman –**
   Motion (Wallschlager/Schneeberger) to appoint Hallquist as pro tem chairman for the Joint Architectural Board/ Plan Commission meeting of 6-17-2024. Carried (5-0).

2. **Consideration of a motion to approve the Jt. Architectural Board/Plan Commission minutes of May 20, 2024.**
   Motion (Wallschlager/Schneeberger) to approve the Jt. Architectural Board/Plan Commission minutes of May 20, 2024. Carried. (5-0).

3. **Consideration of resignation of Dino Xykis from Joint Architectural Board/Plan Commission.**
   Motion (Wallschlager/Schneeberger) to accept resignation of Dino Xykis from Joint Architectural Board/Plan Commission. (6-0).

4. **Architectural Board review and consideration of an application for signage for IB26 Futbol Academy, ETS Performance, 704-706 Rose Drive -**
   Ian Bennett was present and explained the signage is a door sign. Hussinger asked if the signage is for the door and windows, and Mr. Bennett said no, it is just for the door.

   Motion (Wallschlager/Schneeberger) to approve the signage for IB26 Futbol Academy contingent on staff approval. (6-0).

5. **Architectural Board review and consideration of an application for an addition to the residence at 430 Lindenwood Drive-**
   Jim Stefl from JStefl Development was present and said they plan to start as soon as they have approval. Hussinger asked about the siding and roofing materials and Mr. Stefl said it will match the existing siding and roofing on the house.

Motion (Bierman/Wallschlager) to approve the addition to the residence at 430 Lindenwood Drive. Carried. (6-0).

6. **Plan Commission conceptual review of proposed lot division at 308 North Ave into two lots with the razing of existing dwelling and development of one single family dwelling on each lot.**

Kevin Klink was present and explained he would like the Hartland Fire Department to raze the house, split the lot into two parcels. Hussinger commented that this meets the requirements, but this is a concept only, he has to come back for a Certified Survey Map. Wallschlager asked if he needed a permit and Hussinger said he will need to get a razing permit. She asked if he had talked to the Fire Department. He said yes and they think this will be a perfect training exercise.

DeCourcy-Bower asked how much time it will be between razing the house and building the new homes on the property. Mr. Klink said initially there will only be one house and then as soon as possible build the second one. Wallschlager asked if he would divide it first and he said yes. Bierman asked if the sanitary sewer is on one lot now. Mr. Klink said he is pretty sure it is and said he does not know yet if they will tie into the other one. Hussinger commented that there is only one sewer and water on that lot, so a condition of approval next month would be that each lot must have their own sewer and water. Bailey said tonight is only a conceptual review of the lot division and the goal next month is to bring it a CSM dividing that lot.

DeCourcy-Bower commented that rule of order, we do not usually vote on a concept, and he wondered how long the second piece of land would sit vacant is the only piece that comes to his mind, and he said he guesses it depends on the market. He asked how long the second lot would sit there and if he could give the Plan Commission any insights on that. Mr. Klink asked does it matter if it sat there for 10 years. He said he does not know if he would build on it, he said he might not ever build on it, he said his kids probably would. DeCourcy-Bower asked why separate the properties now at this time vs building a new structure on half of it, so at a later time you could divide it. Mr. Klink said if something came up, he would have the ability to sell that lot. He said right now he does not foresee selling it, but if something were to happen, he would want the ability to sell it.

Wallschlager asked Hussinger if a property is divided does the utility have to be brought to that. Hussinger said he thinks it is important that the utilities be stubbed into the property because that did happen in the village where we took in a property from the town that we never connected because they said they did not have the money and he never followed through. Hussinger said he strongly recommends that, that be a condition of approval.

Motion (Wallschlager/Schneeberger) to approve the conceptual review of the proposed lot division at 308 North Avenue into two lots, with the razing of the existing dwelling and development of a single-family dwelling on each lot. Carried. (6-0).

7. **The Plan Commission will conduct an initial review of proposed annexation and PUD development ("Project") whose approval is being sought by Gideon Farms LLC on property tax keys MRTT0396999006 and MRTT039699902 located at N56 W30020 County Road K, Town of Merton. The Plan Commission will review:**
    a. **Proposed petition for direct annexation**

b. Proposed temporary rezoning to A1 for the farmland parcel and B-3 for the corner parcel, in conjunction with petition for Planned Unit Development Overlay Zoning.

c. Proposed Comprehensive Land Use Map amendment and Resolution.

Village Manager Bailey said this is the initial review of the project and it will come back to the Plan Commission either in July if it goes well or August if it does not go well. He said at that point we would probably have conditional approval if that is what the Plan Commission decides. And again, before it gets final approval it would come back to the Plan Commission again. Today is an initial review, and July is for the more detailed plans. Hallquist asked if anything has changed since the last time you were here, and he said no.
"inaudible."
Hallquist asked Hussinger if he had any issues with the rezoning and Hussinger said no, we just have to go through the process. It was stated that all Plan Commissioners like the plan and Bailey said this is just an initial review so there is no approval at this time. He said this is Plan Commission shot one, and Plan Commission will get another opportunity, and hopefully it gets conditionally approved to go to the Village Board. He said the Village Board would set a public hearing at least 30 days after, it would go to a second Village Board meeting and then a 3rd Village Board meeting. Bailey said if everything runs on track, we are looking at September 16th for Plan Commission and September 23rd for Village Board approval. Hallquist said the Plan Commissioners like the concept. DeCourcy-Bower said the west portion of the property is A-1 & how does that align with the comp plan. DeCourcy-Bower said something to consider is if we are bringing these properties in and then rezoning them, he said he is not sure that piece of land is necessarily specified to be agricultural in the future land use plan, he said so something to check on. Bailey said it is item C under on the agenda. He said that entire parcel, the original intent was it would one day be single family residential but the current owner of the property either will keep it 100% agricultural or bring this in, that is why we were looking at comprehensive plan use to do that. Mr. Gehl stated the current zoning is public because it was owned by the High School, but the use has always been A-1. Ryan Amtmann said there will be additional meetings with staff and Mr. Gehl's group. He said one thing to think about is access for pedestrians and paths in both directions for this parcel. He said there are no paths going towards Four Winds East neighbor so there will be some challenges for connectivity for pedestrians and bikers to get to this site. Brief discussion on paths.

- Lyman Tschanz 327 Hemlock Ct – Applauds the effort of this development, thinks the development is a great use and in support of the development.
- Sue Isler - W301N5575 Sunrise Ct – wanted to make sure they were not going to be annexed into the Hartland.
- Four Winds West residents – love the idea of development.
- Alexander Wantoch 309 Hemlock Ct – extremely excited about it.

Bailey commented that the sewer for this property will go to a different connector station. He said staff will review over the next several week.

8. Announcements –

None at this time.

9. Adjourn

Motion (deCourcy-Bower/Wallschlager) to adjourn. Carried (6-0).
Adjourned at 7:01 pm.

Respectfully submitted by

Recording Secretary,
Deidre Bushéy, Deputy Clerk

JOINT ARCHITECTURAL BOARD/PLAN COMMISSION MINUTES
MONDAY JULY 15, 2024
6:30 PM
BOARD ROOM
MUNICIPAL BUILDING, 210 COTTONWOOD AVE.

Present: Tim Hallquist, Jeff Bierman, Ann Wallschlager, Chip Schneeberger and David DeCourcy-Bower.
Others Present: Ryan Bailey, Scott Hussinger, Ryan Amtmann, and via zoom Deputy Clerk Bushey.
Call to Order- 6:30 pm

Roll Call taken.

Public Comments: Please be advised the Joint Architectural Board/Plan Commission will receive comments from the public related to any item(s) on the agenda for a three-minute time period per person, with time extensions per the Chairman's discretion.

- No Comments

1. **Consideration of a motion to table the Jt. Architectural Board/Plan Commission minutes of June 17, 2024, to the next meeting.**

   Motion (Hallquist/Wallschlager) to table the Jt. Architectural Board/Plan Commission minutes of June 17, 2024, to the next meeting. Carried. (6-0).

2. **Architectural Board review and consideration of an application for signage for Sjoberg, 620 Cardinal Lane-**

   Josh Holzer was present for Sjoberg. The proposed signage is 48" x 72" and made of aluminum and vinyl and will be illuminated.

   Motion (DeCourcy-Bower/Hallquist to approve the signage for Sjoberg, 620 Cardinal Lane (6-0).

3. **Architectural Board review and consideration of an application for an addition to the residence at 1213 Sunnyslope Drive-**

   Richard Lass the owner of the property was present and explained the addition. The sunroom addition will be at the back of the home and will match the existing trim, siding, soffit, and fascia.

   Motion (Hallquist/Wallschlager) to approve the addition to the residence at 430 Lindenwood Drive. Carried. (6-0).

4. **Architectural Board review and consideration of an application for an addition to the residence at 913 Woods Drive-**

5. **Plan Commission and Architectural Board review and consideration of plans for an addition of a detached garage and food pantry structure on St. Charles Congregation property, 313 Circle Drive-** The addition will be for the parish consisting of a garage and food pantry. Buildings will be 1 story, wood framed with composite siding, insulation, and electric heat. Discussion on the lighting and food pantry hours. Schneeberger said he thinks it is a great location.

   Motion (Hallquist/DeCourcy-Bower) to approve the addition of a detached garage and food pantry structure on the St. Charles property, 313 Circle Drive contingent on staff seeing the new lights and food pantry hours supplied to the Village. Carried. (6-0).

6. **The Plan Commission will conduct a second review and possible referral to the Village Board of proposed annexation and PUD development ("Project") whose approval is being sought by Gideon Farms LLC on property tax keys MRTT0396999006 and MRTT039699902 located at N56 W30020 County Road K, Town of Merton. The Plan Commission will review:**
   a. **Proposed petition for direct annexation.**
   b. **Proposed temporary rezoning to A1 for the farmland parcel and B-3 for the corner parcel, in conjunction with petition for Planned Unit Development Overlay Zoning.**
   c. **Proposed Comprehensive Land Use Map amendment and Resolution.**

   Village Manager Bailey said this is the second review of the project. If the Plan Commission moves this forward, it will go the Village Board on July 22nd, then it will go to the Village Board on July 29th regarding a Public Hearing and then back to the Plan Commission in September. He said phases 3 & 4 are coming out at this point.
   Village Engineer Amtmann went through his memo. The applicant is seeking approval of their General Plan Development, and subsequent steps for the applicant are to provide Precise Implementation Plans for the phases as well as the specific PUD agreement. He went through the significant items listed in the memo which are:
   1. The phases – phases 3 and 4 are conceptual including future dairy.
   2. The prescribed grazing plan – including maximum number of animals. Crop types, and animal waste management.
   3. The stormwater- stormwater management plan will be included in the PUD agreement.
   4. Pedestrian/Trail access
   5. Outdoor events –
   6. Waukesha County Highway Connections (CTH E and CTH K)

   There was lengthy discussion regarding paths. DeCourcy-Bower would like paths on B-3 property on south edge & north/northeast. Contingencies will be public access easement along Hwy K for paths, as well as items listed in Amtmann's memo and all staff's concerns addressed.
   Bailey commented that the sewer for this property will go to a different connector station. He said staff will review over the next several week.

7. The Plan Commission conduct an initial review for proposed PUD development ("Project") whose approval is being sought by Three Leaf Development on property tax key HAV 0423981056 located on Campus Drive. The Plan Commission and Architectural Board will review:

- **a. Proposed preliminary site and building plans for senior living development (120 units);**
- **b. Proposed preliminary certified survey map;**
- **c. Proposed rezoning to RM-1 in conjunction with a PUD Agreement for the Project;**
- **d. Proposed petition for a Planned Unit Development**
- **e. Proposed land use amendment and Resolution**

Bailey said this already went through the concept, so this is the initial review. He then went through the dates:
August 19th – will come back to Plan Commission.
August 26th – Village Board to set Public Hearing.
October 14th – Village Board for second reading and hold Public Hearing.
October 21st – back to the Plan Commission.
October 28th – Village Board for final approval.

John Ford from Three Leaf was present to explain the project. The property is currently vacant land. The applicant intends to develop a 4-story building, approximately 120 units with underground parking of continuum of care Senior Care Development to include a combination of independent living, assisted living and Memory Care. Demand for Senior Care remains strong as documented in a recent market study authorized by the Developer. Waukesha County is expected to grow approximately 1907 per year over the next 5 years. Senior housing options in the 8-mile radius of Hartland currently have a vacant rate of just 4.8 %. The closest competitor, Heritage Lake Country, was reported at 100% occupancy with a waiting list. Lake Country Lutheran Association's vision for this land when it was initially developed was a cradle to grave type concept. There will also be collaborations and activities between Lake Country Lutheran students and the Senior Living Development.
The development of will have:

1. 60-70 units of Independent Living
2. 30-40 units of Assisted Living
3. 20 Units of Memory

The Project will feature lower-level parking for residents. There will be approximately 70 parking spaces inside and an additional 47 surface parking spaces for a total of 117 spaces. The parking ratio is well above the required code.
Three Leaf met with Village of Hartland staff on 6/ 28 to review the project, answer any questions and get feedback.
Village Manager went over the 4 comments by Fire Department Chief Jambretz which are the

- Access to all sides of the building, extend 24-foot paved access.
- Additional hydrant on South side by delivery entrance.
- Locations of refuge inside with phone access to summon help.
- Large EMS elevator to allow the cot to fit without having to make it smaller.

Bierman commented on a left-hand turn lane. Schneeberger said the projects look nice and will fit into the area really well.
Bailey told the Plan Commissioners this is coming back in a month so think of any questions or comments you may have.

8. Announcements -

Chamber of Commerce Street Dance is coming up.

9. Adjourn

Motion (Hallquist/Schneeberger) to adjourn. Carried (6-0).
Adjourned at 8:25 pm.

Respectfully submitted by

Recording Secretary,
Deidre Bushéy, Deputy Clerk

DEPARTMENT OF BUILDING INSPECTION **PERMIT #_____**
APPLICATION FOR SIGN PERMIT

JOB LOCATION 509 COTTONWOOD AVE TAX KEY # HRV 0732996006
OWNER JF CLEARCOTTON LLC PHONE
ADDRESS 1200 N. MAYFAIR RD CITY MILW. STATE WI ZIP 53226
CONTRACTOR BAUER SIGN & LIGHTING PHONE 262.784.0500
ADDRESS 2500 S. 170TH ST CITY NEW BERLIN STATE WI ZIP 53151

SIGN TYPE: ☒ WALL ☐ PROJECTING ☐ AWNING, CANOPY ☐ GROUND
☐ PORTABLE/TRAINING ☐ REAL ESTATE PERM. ☐ REAL ESTATE TEMP.

WORDS AS THEY WILL APPEAR ON THE SIGN:
WISCONSIN DANCE THEATRE

OVERALL DIMENSIONS OF SIGN 166.5" X 11" COLOR OF BACKGROUND WALL MATCH
SIZE OF LETTERS IN INCHES 11" COLOR OF LETTERS WHITE
CONSTRUCTION MATERIALS OF SIGN BACKGROUND (i.e. WOOD, ALUM, ETC.)
ALUMINUM RACEWAY
ILLUMINATED? ☒ YES ☐ NO ☒ INTERNALLY ☐ EXTERNALLY

SIGN PLANS MUST BE APPROVED BY ARCHITECTURAL BOARD PRIOR TO PERMIT BEING APPROVED (SEE ARCHITECTURAL BOARD APPLICATION)

ESTIMATED COST OF ABOVE SIGN $ $3,100

TO THE BUILDING INSPECTOR: THE UNDERSIGNED HEREBY APPLIES FOR A PERMIT TO DO WORK HEREIN DESCRIBED ACCORDING TO THE PLANS AND SPECIFICATIONS FILED HEREWITH AND LOCATED AS SHOWN ON THIS APPLICATION. THE UNDERSIGNED AGREES THAT SUCH WORK WILL BE DONE IN ACCORDANCE WITH THE SAID DESCRIPTION, PLANS AND SPECIFICATIONS AND IN COMPLIANCE WITH ZONING ORDINANCE AND ALL OTHER ORDINANCES OF THE VILLAGE OF HARTLAND AND WITH ALL THE LAWS AND ORDERS OF THE STATE OF WISCONSIN APPLICABLE TO SAID PREMISES.

APPLICANT Mia a. Bell DATE 8/1/2024

PLANS APPROVED: ARCHITECTURAL BOARD _____

APPLICATION APPROVED: BUILDING INSPECTOR _____ DATE _____

MAP WAUKESHA county

Waukesha County GIS Map



Legend

- Municipal Boundary_2K
- Parcel_Dimension_2K
- Note_Text_2K
- Lots_2K
  - Lot
  - Unit
  - General Common Element
  - Outlot
- SimultaneousConveyance
  - Assessor Plat
  - CSM
  - Condominium
  - Subdivision
- Cartoline_2K
  - EA-Easement_Line
  - PL-DA
  - PL-Extended_Tie_line
  - PL-Meander_Line
  - PL-Note
  - PL-Tie
  - PL-Tie_Line
  - <all other values>
- Railroad_2K

0 198.71 Feet

The information and depictions herein are for informational purposes and Waukesha County specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means. Waukesha County will not be responsible for any damages which result from third party use of the information and depictions herein, or for use which ignores this warning.

Notes:

Printed: 8/1/2024

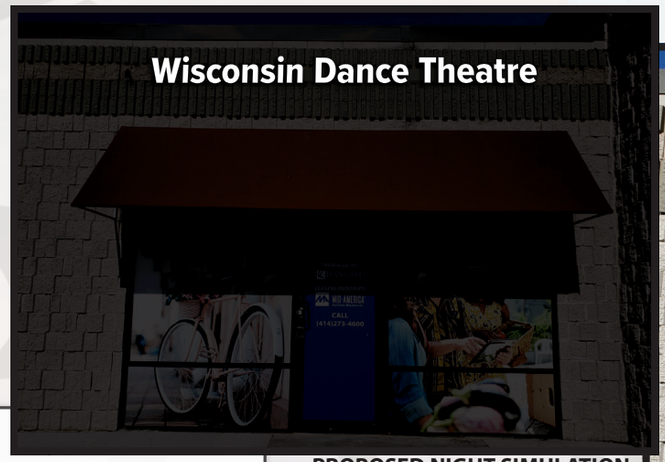
BAUER Sign & Lighting
2500 South 170th
New Berlin, Wisconsin
Proudly Made in the USA!
Web: www.bauersignusa.com
Phone: 262-784-0500
Fax: 262-784-6675

File	W.D.T.C.
Location	509 Cottonwood Ave, Hartland
Client	Sam
Sales rep	Paul Butler
Date	cb 05/28/24
Revision	cb 05/30/24, cb 06/25/24, cb 07/18/24

166.5″

11″ **Wisconsin Dance Theatre** 8″ 10.4″





PROPOSED NIGHT SIMULATION



OPTION 1

SPECIFICATIONS

FABRICATE AND INSTALL ONE SET OF INTERNALLY ILLUMINATED, RACEWAY MOUNTED CHANNEL LETTERS.

- **FACES** TO BE #7328 WHITE ACRYLIC
- **RETURNS** TO BE .040 x 3″ - BLACK
- **BACKS** TO BE .040 ALUMINUM
- **TRIMCAPS** TO BE 1″ BLACK
- **ILLUMINATED** WITH WHITE LEDs
- **POWERED** WITH APPROPRIATE LOAD POWER SUPPLIES
- **RACEWAY** TO BE 5″ x 3.5″ x 225″ AND PAINTED **TBD** TO MATCH FASCIA

Printed artwork colors are not always representative of final product colors. Please refer to specifications for call out or salesman for samples.

These drawings are the exclusive property of Bauer Sign Company. Not to be duplicated in any way without expressed written permission!

FINAL ELECTRICAL CONNECTION IS CLIENT'S RESPONSIBILITY

our products are certified by: Underwriters Laboratories, Inc.

This sign shall be manufactured in accordance with the Article 600 of the National Electrical Code and/or the applicable local codes. This includes proper grounding and bonding of the sign. Sign shall bear correct UL Labels.

Scale: 1/2″ - 1′

BAUER Sign & Lighting COMPANY
2500 South 170th Street
New Berlin, Wisconsin 53151
wire bauersignusa.com
voice 262.784.0500

PROPOSAL/CONTRACT

#

DATE 6/26/2024 PHONE/FAX 262-203-6348
CUSTOMER(BUYER) Sam Huberty
ADDRESS 509 Cottonwood Ave
CITY, STATE Hartland, Wisc. ZIP
JOB NAME WDTC
ADDRESS 509 Cottonwood Ave
CITY, STATE Hartland, Wisc. ZIP

22

BAUER SIGN COMPANY WILL SUPPLY LABOR MATERIALS & NECESSARY EQUIPMENT TO PERFORM THE FOLLOWING:

1.) list pkg specs, INCLUDED: ART WORK, DESIGN, PROOFS, FABRICATION, INSTALLATION: CHANNEL LETTERS RACEWAY MOUNTED, LED ILLUMNATION, INSTALLED : $ 5,990.00

X.) Terms: Quotes are based upon cash or check payment. Master Card or Visa payments are accepted subject to 3.75% convenience fee.

50% non-refundable deposit is due to execute agreement . Final payment inclusive of listed fees below and/or mutually agreed change orders is due prior to installation.

X.) Permit acquisition fee (Add $290.00)

X.) Sign permit billed at cost (000)

X.) State / county sales tax (Add)

X.) Installation to be performed 14 TO 10 weeks from date of permit acquistion and regulatory approvals as known.

0 10-14 week(s) for installation. Install date is contingent upon customer and city approval and receipt of deposit.

Additional foundation costs incurred as a result of abnormal soil conditions, rock, water intrusions and/or underground obstructions will be billed additionsl to the amount of this contract. IT IS EXPRESSELY AGREED AND UNDERSTOOD THAT PRIMARY ELECTRIC SERVICE, PHONE LINES AND HOOKUPS ARE THE BUYERS RESPONSIBILITY AND THE CONTRACT BECOMES DUE AND PAYABLE UPON DELIVERY OF THE SIGN DISPLAY REGARDLESS OF THE EXISTENCE OF THE SAME.

SALE PRICE $5,990.00 This price ☐ is ☑ is not (check one) inclusive of state sales tax, the cost of permit acquisition and permit. *All payments over 30 days shall bear interest at 1.5% per month .*

DOWN PAYMENT $2,995.00 . **FINAL BALANCE DUE PRIOR TO INSTALLATION.** ANY ALTERATIONS OR DEVIATION FROM THE QUOTED PRICE. MY SIGNATURE BELOW INDICATES THAT I HAVE READ AND UNDERSTAND THE TERMS OF THIS CONTRACT. PB INITIAL

THIS PROPOSAL WILL EXPIRE DAYS FROM THIS DATE. THIS CONTRACT WILL BE EFFECTIVE ONLY AFTER IT IS SIGNED BY BOTH PARTIES

This company warrants this display to be free of defects in material and/or workmanship for a period of 12 months from the installation date, excluding Incandescent lamps. All work will be completed in a workmanlike manner. All agreements contingent upon strikes, accidents, or delays beyond the control of the Company. Our workers are fully covered by workman's compensation insurance. The above sign will remain the property of the Company and can be removed from the premises by the Company unless payment is made in full upon delivery and prior to installation unless other terms are agreed to prior to delivery. In the event of sign removal due to non-payment the Buyer shall pay all costs of removal and the costs of any subsequent reinstallation of sign.

This Agreement shall be construed and interpreted under and according to the laws of the State of Wisconsin. The parties to this Agreement consent to the exclusive jurisdiction and venue of the courts of the State of Wisconsin, County of Waukesha in connection with any and all actions arising out of this Agreement. In the event that there is any litigation concerning this Agreement, the Company shall be entitled to recover it's attorneys' fees, costs and expenses incurred in connection with the litigation.

In the event the sign cannot be installed due to any delay for causes beyond the control of the Seller, the Contract Balance shall become immediately due and payable, less the cost for installation.

CONTRACT ACCEPTANCE: The above prices, specifications and conditions are sastisfactory and are hereby accepted. The Company is hereby authorized to do the work as specified. Payment will be made as outlined herein.

CUSTOMER SIGNATURE» _____

Customer Name: _____

Date: _____ **Title:** _____

Salesman: PAUL BUTLER 414-810-8117

Accepted By: _____
Bauer Sign and Lighting

REV. 08 09

WISCONSIN POSTAL HOLDINGS, LLC
75 COLUMBIA AVE
CEDARHURST, NY 11516-2011

445 CARDINAL LLC
445 CARDINAL LN
HARTLAND, WI 53029-2332

CIRCLE J PROPERTIES LLC
PO BOX 131
HARTLAND, WI 53029-0131

D & J REALTY, LLC
W752 WASHINGTON RD
RUBICON, WI 53078-9789

D&B HAYDEN LLC
1060 RIVERKNOLL CIR
OCONOMOWOC, WI 53066-3478

DENNIS & JANET M KAHN
N16W27394 RIVERLAND DR
PEWAUKEE, WI 53072-5382

EYE COMMUNICATION SYSTEMS
1823 EXECUTIVE DR
OCONOMOWOC, WI 53066-4832

FIRST-CITIZENS BANK & TRUST COMPANY
100 E TRYON RD
RALEIGH, NC 27603-3581

ICE AGE PARK AND TRAIL FOUNDATION, INC
2110 MAIN ST
CROSS PLAINS, WI 53529-9596

KUSCH INVESTMENTS LLC
N65W30981 BEAVER LAKE RD
HARTLAND, WI 53029-9799

MICHAEL & TONIA BRANDT
472 COTTONWOOD AVE
HARTLAND, WI 53029

MICHAEL R WHITE REVOCABLE TRUST OF 1992
200 W WISCONSIN AVE STE 500
OCONOMOWOC, WI 53066-5251

ROBERT J ANDLER JR
202 CROOKED STICK PASS
NORTH PRAIRIE, WI 53153-9622

RONALD & ANN JAEGER
430 E INDUSTRIAL DR
HARTLAND, WI 53029-2329

SW 2017 1 LLC AND J F CLEARCOTTON LLC
C/O STEWART WANGARD 1200 N MAYFAIR RD STE 310
MILWAUKEE, WI 53226-3288

WILL MIKOLAJEWSKI AND YENH MIKOLAJEWSKI
530 COTTONWOOD AVE
HARTLAND, WI 53029-2309

John T. Ford
Three Leaf Partners
504 W. Juneau Avenue
Milwaukee, WI 53203
jford@threeleafdevelopment.com
Direct: (414) 775-0857

August 13, 2024

Village of Hartland
210 Cottonwood Avenue
Hartland, WI 53029
(262) 367-2714

Re: Hartland Senior Development Executive Summary – HAV0423981056 Campus Drive, Hartland, WI

Dear Village of Hartland:

Please find below updated Executive Summary of proposed Senior Living development to be located on portion of parcel HAV0423981056 located on Campus Drive. This includes: architectural design, civil design, landscape design, lighting design, Certified Survey Map (CSM) DRAFT, operational summary plan, and a Phase I Environmental assessment. The updated materials will be presented at the scheduled Hartland Plan Commission meeting to take place August 19, 2024. We look forward to continuing to collaboratively work with the Village of Hartland on this tremendous project.

Thank you,

John T. Ford
Chief Development Officer

DEVELOPMENT EXECUTIVE SUMMARY

3LP Hartland Senior LLC ("Developer") proposes to develop an approximately 118-unit continuum of care Senior Housing development ("Project") to be located on Campus Drive across from Lake Country Lutheran High School on a portion of current Lot 2 (HAV0423981056). The project as designed is 4-stories over underground parking with a total height of approximately 55'.

MARKET STUDY

Demand for Senior housing remains strong as documented within a recent Market Study commissioned by Developer. Waukesha County is expected to grow by approximately 1,907 in population per year over the next 5 years (through 2029). The most significant growth expected over the next 5 years is within the age brackets 65 years old and older (65-74, 75-84, 85+). Senior housing options in the Greater Hartland Area (8-mile radius) have a current overall vacancy rate of just 4.8%, indicating tightness and pent-up demand, in addition to the expected growing demand. The closest competitor to this site is Heritage Lake Country (124 units) which as of June 2024 was reported at 100% occupied with a waiting list. Finally, Independent Living units, in particular, are projected to need 104 units delivered per year for the next 5 years (520 total units) to meet ongoing demand.

THE LUTHERAN HIGH SCHOOL ASSOCAITION ("LHSA")

LHSA's overall vision for this land when it initially developed Lake Country Lutheran High School ("LCL") was a full "Cradle to Grave" concept. Existing uses today include the high school, single family, and multi-family (Woodnote). This Senior development would complete the overall mission / vision while helping to meet continued strong senior housing demand within the Village of Hartland and greater area. It is anticipated that there will be collaboration and sharing of ideas / activities between students at LCL and the Senior Housing development and vice versa. LHSA plans to remain active overall in this development through a Class A Limited Investor position.

ARCHITECTURAL

The overall architectural design of the building consists of 20 units of Memory Care ("MC"), 20 units of Assisted Living ("AL"), and 78 units of Independent Living ("IL"), for a total of 118 units. In addition, there is a shared "Town Square" commons area that is centered between the buildings two wings. Seventy underground enclosed parking spaces are provided below the building with access from the north end. Courtyards between the building wings provide resident outdoor activity space for enjoyment.

The two-story Memory Care and Assisted Living wing will be the primary view from Campus Drive and relates to the scale of Lake Country Lutheran High School. The four-story Independent Living wing serves as a backdrop to the Town Square commons. The end of the south wing steps down to three stories to reduce the building scale and provide a potential roof deck. The Town Square is designed as a story and a half space with a covered porch and drop off canopy to make the entrance unique and identifiable. The roof framing for the overall building is a gable roof design broken by flat areas to reduce the building mass and provide areas to conceal roof top mechanical equipment.

Exterior materials include stone that varies in height between the first floor and the second floor. Upper floor materials consist of a combination of: 1) board and batten, 2) lap, 3) panel and 4) shake siding, arranged to provide a variety and visual interest to each elevation. The roof is primarily asphalt shingles with standing seam metal roof on the dormers at the Town Square. The color palate is warm neutral colors to relate to the colors of Lake Country Lutheran High School. See exterior material finish summary for estimated % of each material.

Careful thought and analysis has gone into overall unit mix and sizes of units in order to optimally meet market demand. IL units (78) will range in size from 490 SF (Studio) up to 1,145 SF (2-bedroom). AL units (20) will range in size from 301 SF (1-bedroom) up to 500 SF (2-bedroom). MC units (20) will range in size from 301 SF (1-bedroom) up to 500 SF (2-bedroom).

CIVIL

The site consists of parking lots, circulation sidewalks, walking pathways, fire access route, and stormwater management facilities. A fire access lane will be provided along the eastern portion of the site, that will loop around the building providing full access to the fire department in case of emergency. The building will be served by water and sanitary services that will connect to

existing public utilities located within Campus Dr. Both the proposed water main and sanitary sewer onsite will be private utilities. The general existing grade of the site slopes west to east, which will be maintained in the proposed condition. The site currently drains to two onsite kettles, with one located on the western portion of the site and the other on the eastern portion. Runoff is collected in these facilities and allowed to infiltrate during small rain events. In the proposed condition, the runoff from the site will continue to function in this manner and will ultimately be reduced in each respective storm event, meeting Village stormwater requirements by introducing additional stormwater basins.

A draft Certified Survey Map ("CSM") is included. This will divide the current lot into two lots + out lot. The proposed Senior Development building will be positioned on Lot 2 (3.7644 acres) and share a cross-access easement for access + parking with Out lot 1 (1.7677 acres). In total, this development will be positioned on approximately 5.53 total acres (density 21.3 units/acre). Lot 1 (3.3472 acres) will remain owned by current ownership.

Parking onsite for residents, employees, and visitors will be ample. Total required spaces per code total 89 spaces. The Project includes 70 indoor garage parking spaces plus an additional 47 surface parking spaces, for a total of 117 spaces.

Developer proposes adding a pedestrian crosswalk immediately north of vehicular road entrance on Campus Drive to connect Senior housing to existing high school. Such crosswalk to include pedestrian crosswalk blinker sign by TSSCO (or equal). See location and further details within Civil design set page C1.1

LANDSCPING

The landscape design for this Project requires several design considerations. It is an existing established site with mature plant material. This site is adjacent to the Woodnote Apartment development (north/east), Lake Country Lutheran High School (west), and Highway 16 off ramp (south). The approach for the street yard buffer is to continue with a similar plant palate as the adjacent apartment development for consistency. The buffer will have a variety of drifts of large shrubs, both coniferous and deciduous to provide visual screening, but at the same time offer up a variety of colors and textures. The boundary buffer south of the entrance drive is being divided into two different

sections to help with drainage. Several drifts of broadleaf deciduous shrubs have been placed on top in the tall grass area along with the upright evergreens and deciduous trees. The proposed building is set back and allows for a street yard buffer to screen the vehicle use areas.

There are some concentrations of plant material at the intersections of the drive lanes and at the main entrance. The remainder was to provide foundation plantings to compliment the building and further break up the massing. There was a significant amount of focus on the two courtyard areas to provide views from the interior units and spaces along the interior. A variety of walking paths and seating areas are provided and there is an outdoor grill station and an area for "bags" games. There is a proposed gazebo at the main entrance walking path to the courtyard. Additionally, there are two gathering areas with a low garden wall and single slope semi-circular pergola. There are down lights in the pergola and under the cap lights in the seat wall along with bollard and additional landscape lights to provide evening viewing and wayfinding (see Lighting Desing plan for further details). There are a variety of native prairie grass seed mixes used and a no mow mix to create a natural landscape about the perimeter to create better habitat for birds, pollinators and butterflies.

The plant material selections were made to create a high-interest, multi-season, low-maintenance landscape that would maximize interest and enjoyment for the residents. Plants were chosen to engage all the senses. The plan utilizes a variety of textures, scents, colors, as well as plants that make pleasant sounds as wind rustles their leaves, needle and panicles. Providing seasonal interest allows people to connect with the cycle of nature so special consideration was given to the plant material selection for a variety of leaf and needle color, as well as bloom color and fruit color.

OPERATIONAL

Three Leaf Partners aims to create vibrant communities for residents to live within. On this project, the developer will be partnering with a community, faith, and mission based senior living operator (name of Operator to be disclosed in future) to bring a new level of distinct senior care to the Hartland community. This new senior living Project will be a thoughtfully designed home for Lake Country's discerning older adults. In addition to a vibrant, independent living community, we will offer licensed CBRF (Community

Based Residential Facility) care for older adults needing assisted living care up to, and including, dedicated memory care.

Independent Living and Common Space Programming

Intentionally designed spaces for active older adults will include:

- Wellness / Fitness studios
- Libraries
- Gathering spaces suitable for worship, education, theatre, and community events.
- Salon and spa services
- Artisan spaces
- Gift shop
- Café and coffee bar
- Casual pub and full-service restaurant/supper club
- Outdoor amenities include:
    - Rooftop patio
    - Deck and lounge spaces
    - Courtyard Area: active spaces for bags, putting green, and relaxing sitting areas.
    - Walking paths.

Assisted Living and Memory Care Space Programming

Crafted on evidence-based design, with an abundance of natural light and open spaces for activities and socialization, the assisted living and memory care neighborhoods are intended to offer maximum autonomy with safe oversight and staff support as needed.

- Activity zones
- Sunrooms
- Living and dining rooms
- Private serene spa-rooms
- Outdoor enchanted courtyard.

With 24/7 nursing care, families will be able to rest assured that their loved one is receiving the compassionate, person-centered, and excellent care they deserve in a nurturing and soothing space.

Our Team

As a licensed CBRF housing community, this Hartland Senior residence will be staffed 24/7/365 with skilled clinical team members. In addition to clinical and non-clinical administrative roles, nursing care and clinical support, the new

operation will offer employment opportunities in dining and hospitality, maintenance and facilities, wellbeing and cosmetology, and life engagement. Available roles will include full-time, part-time, student status, and weekend opportunities. Total max employees onsite at any one time is estimated at 20-24. Total employees overall is estimated at 36-40 upon full stabilization / occupancy.

A Partner the Community Can Count On

Three Leaf has been intentional in creating collaborations with Lake County Lutheran High School and local congregations to help plant the seed for the development of intergenerational programming that may include: theatre and the fine arts; educational presentations; academic and scriptural study; and recreational activities. The operator seeks to deeply engage in the greater community—creating positive impacts for all.

DEVELOPMENT PROPOSAL SUMMARY

Developer proposes developing a 118-unit, 4-story, Senior Housing continuum of care development. It is anticipated the Project shall include the following types of Senior housing:

- Independent Living (IL) – 78 units
- Assisted Living (AL) – 20 units
- Memory Care (MC) – 20 units

See included architectural floor plans + layout of interior spaces. The project is estimated at approximately 55' tall. In addition, the Project will feature an enclosed lower level of 70 parking spaces for residents. There will also be 47 surface parking spaces for a total of 117 parking spaces. This parking ratio is well above the required code parking (89 spaces).

Developer proposes to rezone portion of site via PUD to RM-1 to accommodate "Housing for the elderly" (as a CUP). The following required application forms have been completed / submitted:

1. PUD Petition Application
2. Petition for Rezoning
3. PC Review Application
4. Architectural Board Application

The development project team met with Village of Hartland staff on both June 28th and again on August 2nd to review the proposed project, answer questions, and discuss feedback. 3LP Hartland Senior LLC and the entire Development team look forward to continuing to work collaboratively with Village Staff, Plan Commission, and Village Board through the entitlement process to make this a great project!

THREE LEAF SENIOR LIVING HARTLAND- EXTERIOR MATERIALS

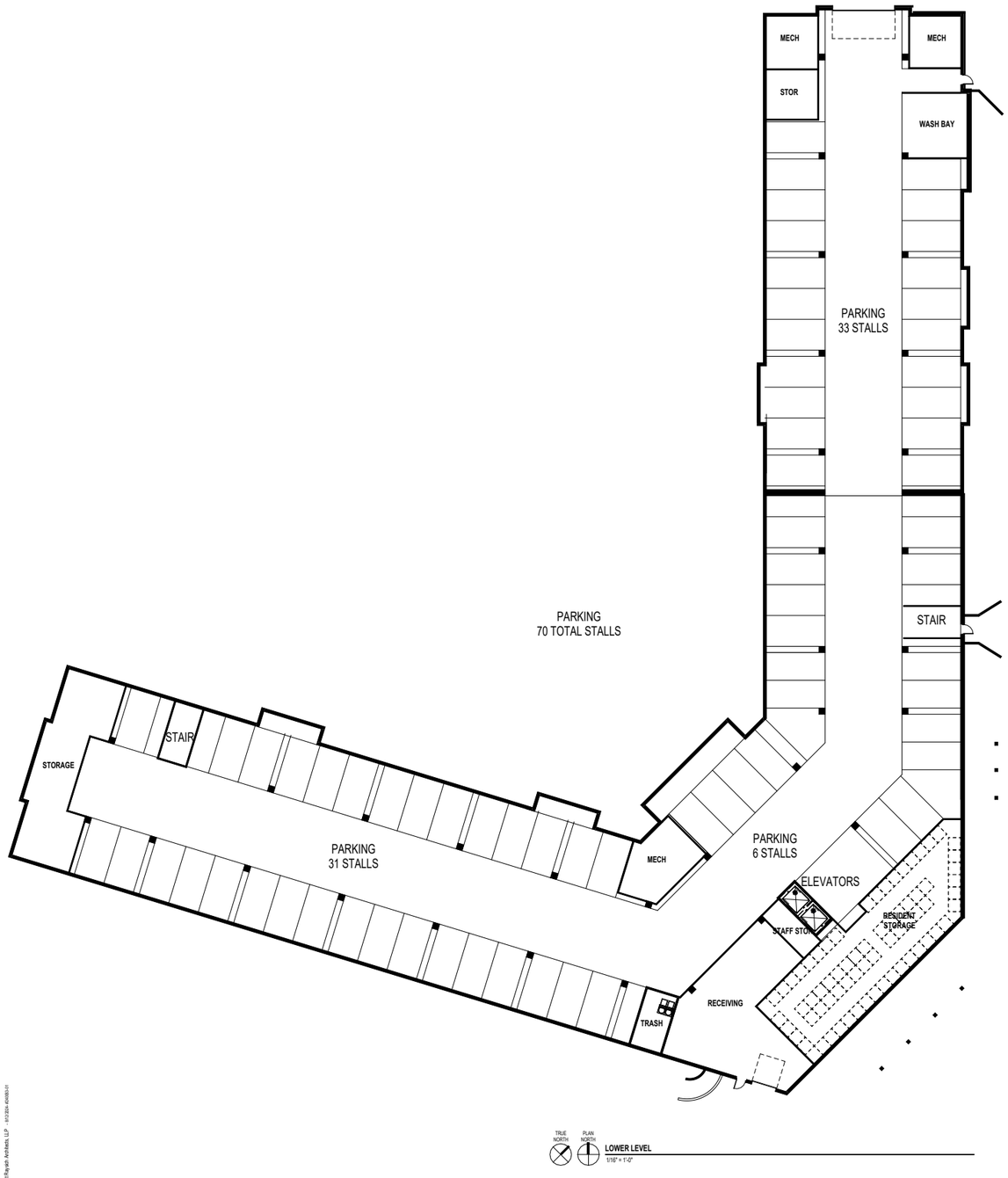
ELEVATION	STONE	B&B SIDING	LAP SIDING	SHAKE SIDING	FLAT PANEL SIDING	GLAZING
WEST	2073 sf	289 sf	206 sf	107 sf	218 sf	1284 sf
NORTH	1304 sf	375 sf	0 sf	352 sf	72 sf	150 sf
NORTHEAST	4109 sf	1988 sf	1116 sf	726 sf	207 sf	1790 sf
EAST	1112 sf	1871 sf	1132 sf	183 sf	68 sf	1152 sf
SOUTHEAST	2286 sf	2625 sf	2239 sf	513 sf	145 sf	2427 sf
NORTHWEST	892 sf	1074 sf	0 sf	954 sf	72 sf	462 sf
NORTHWEST COUTYARD	1430 sf	1962 sf	2188 sf	982 sf	234 sf	1858 sf
WEST COUTYARD	697 sf	790 sf	0 sf	353 sf	62 sf	646 sf
SOUTHWEST COUTYARD	1508 sf	988 sf	756 sf	607 sf	218 sf	1277 sf
EAST COMMONS	815 sf	0 sf	834 sf	0 sf	0 sf	72 sf
NORTH COMMONS	151 sf	23 sf	1936 sf	0 sf	0 sf	0 sf
SOUTHEAST COURTYARD	750 sf	223 sf	0 sf	0 sf	72 sf	300 sf
RETURNS	214 sf	114 sf	429 sf	58 sf		
	165 sf		330 sf	132 sf		
	468 sf			132 sf		
	120 sf					
	348 sf					
	148 sf					
	148 sf					
	194 sf					
	194 sf					
	100 sf					
TOTALS	19226 sf	12322 sf	11166 sf	5099 sf	1368 sf	11418 sf
PERCENTAGE	32 %	20 %	18 %	8 %	2 %	19 %

PLUNKETT RAYSICH
ARCHITECTS, LLP

THREE LEAF SL HARTLAND

AREA PER LEVEL (GSF)
LOWER LEVEL
39,069 SF
FIRST FLOOR
54,243 SF
SECOND FLOOR
41,318 SF
THIRD FLOOR
25,579 SF
FOURTH FLOOR
23,123 SF

Unit type and bed totals								
Unit type	IL Studio	IL 1 bed	IL 2 bed	Mem 1 bed	Mem 2 bed	AL 1 bed	AL 2 bed	Total
Total units	4	44	30	18	2	18	2	118 units
Total beds	4	44	60	18	4	18	4	152 beds



TRUE NORTH PLAN NORTH
LOWER LEVEL
1/16" = 1'-0"



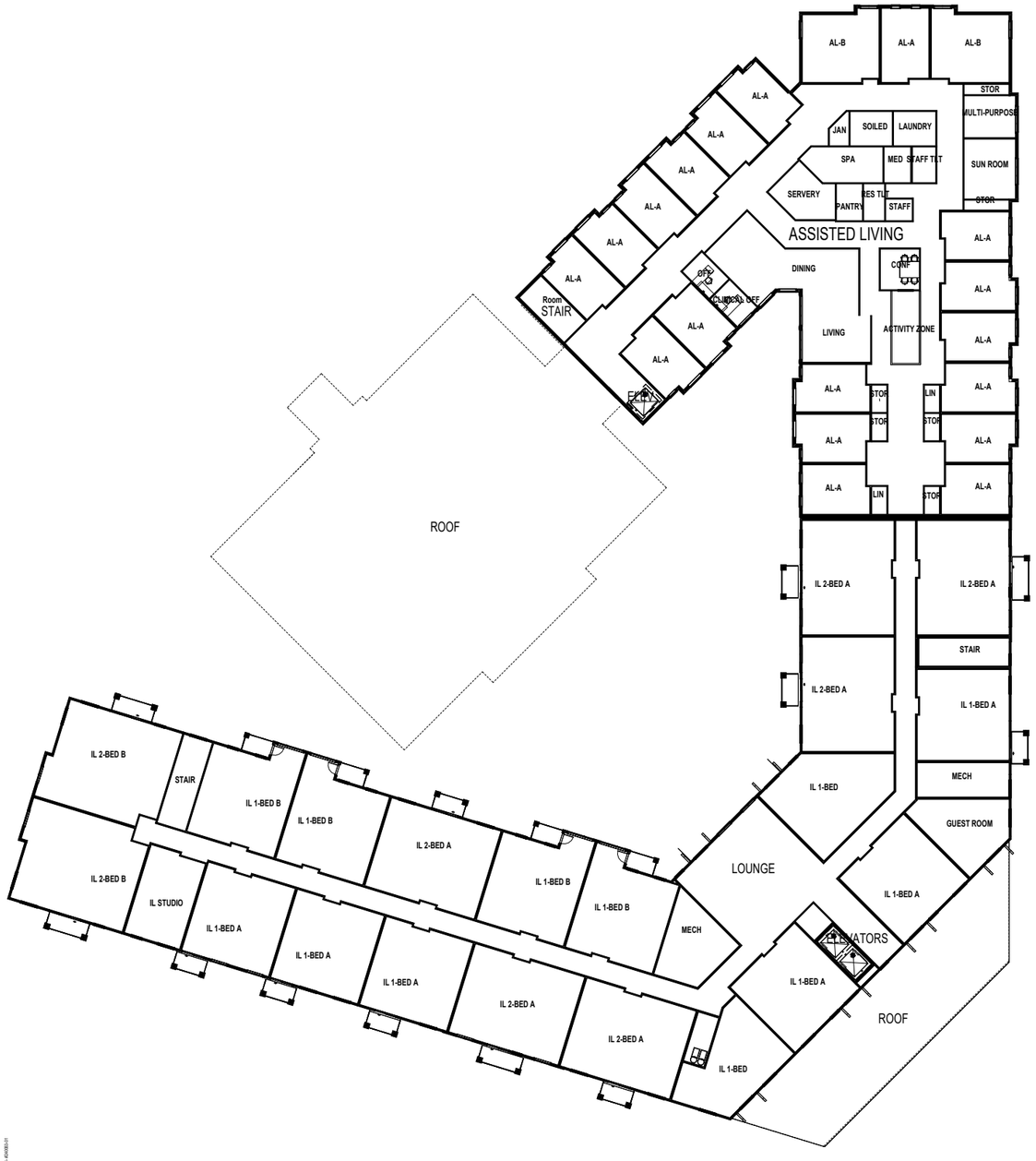
TRUE NORTH PLAN NORTH
FIRST FLOOR PLAN
1/16" = 1'-0"

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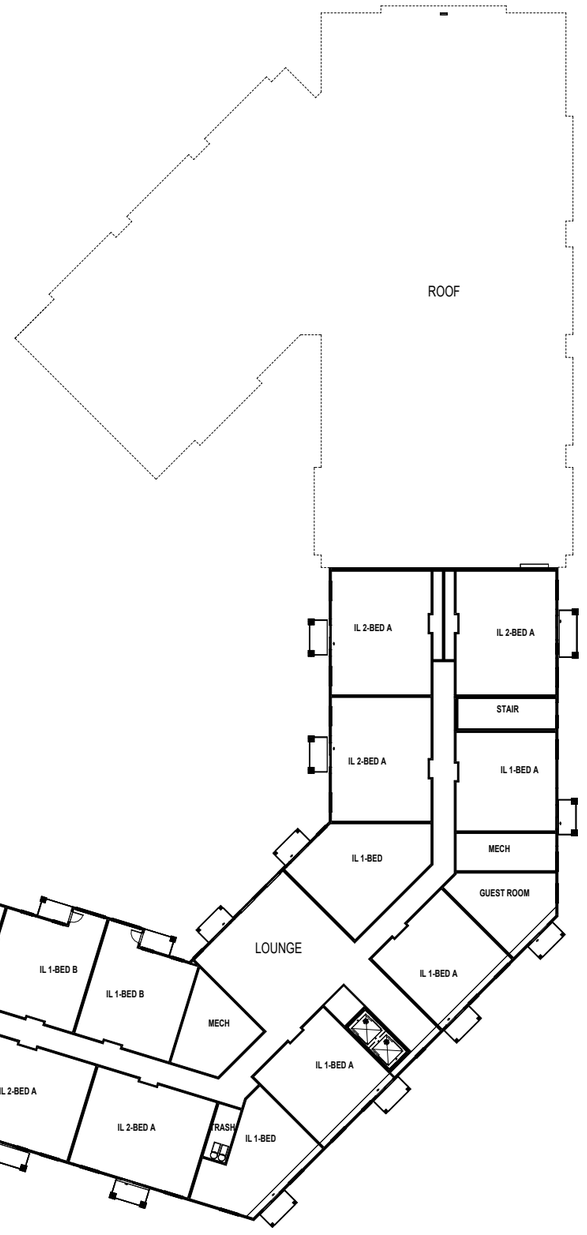
FLOOR PLANS

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TRUE NORTH PLAN NORTH
SECOND FLOOR PLAN
1/16" = 1'-0"

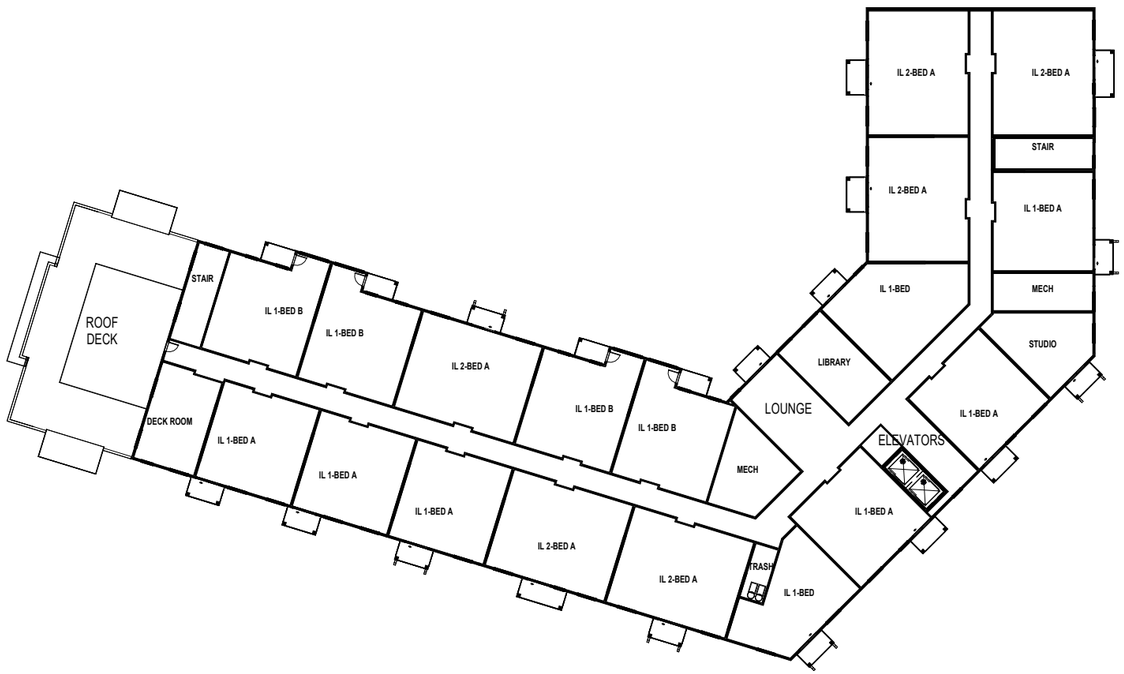


TRUE NORTH PLAN NORTH
THIRD FLOOR PLAN
1/16" = 1'-0"

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FLOOR PLANS

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TRUE NORTH
PLAN NORTH

FOURTH FLOOR PLAN
1/16" = 1'-0"

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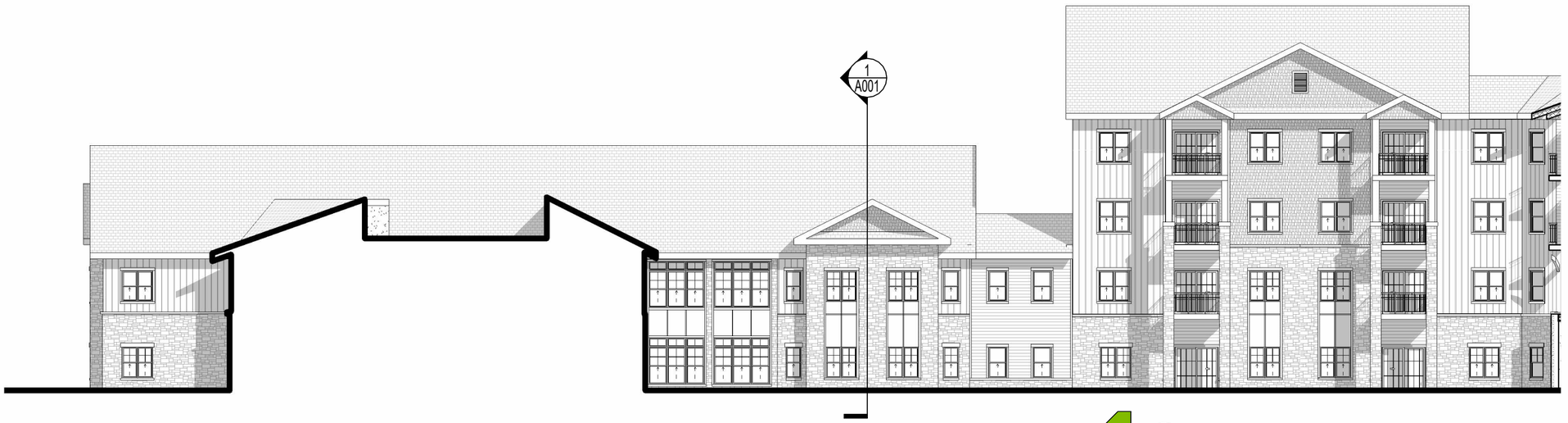
FLOOR PLANS

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THREE LEAF SL HARTLAND

EXTERIOR FINISH PATTERNS

- ASPHALT SHINGLE ROOF
- STANDING SEAM METAL ROOF
- LAP SIDING
- BOARD AND BATTEN
- SHAKE SIDING
- FLAT PANEL SIDING
- STONE



1 **COURTYARD - SOUTHWEST ELEVATION**
1" = 20'-0"



2 **COURTYARD - WEST ELEVATION**
1" = 20'-0"



3 **COURTYARD - NORTHWEST ELEVATION**
1" = 20'-0"

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EXTERIOR ELEVATIONS

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1 **SOUTHEAST ELEVATION**
1" = 20'-0"



2 **EAST ELEVATION**
1" = 20'-0"



3 **SOUTHWEST ELEVATION**
1" = 20'-0"

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EXTERIOR ELEVATIONS

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EXTERIOR FINISH PATTERNS

- ASPHALT SHINGLE ROOF
- STANDING SEAM METAL ROOF
- LAP SIDING
- BOARD AND BATTEN
- SHAKE SIDING
- FLAT PANEL SIDING
- STONE



1 **WEST ELEVATION**
1" = 20'-0"



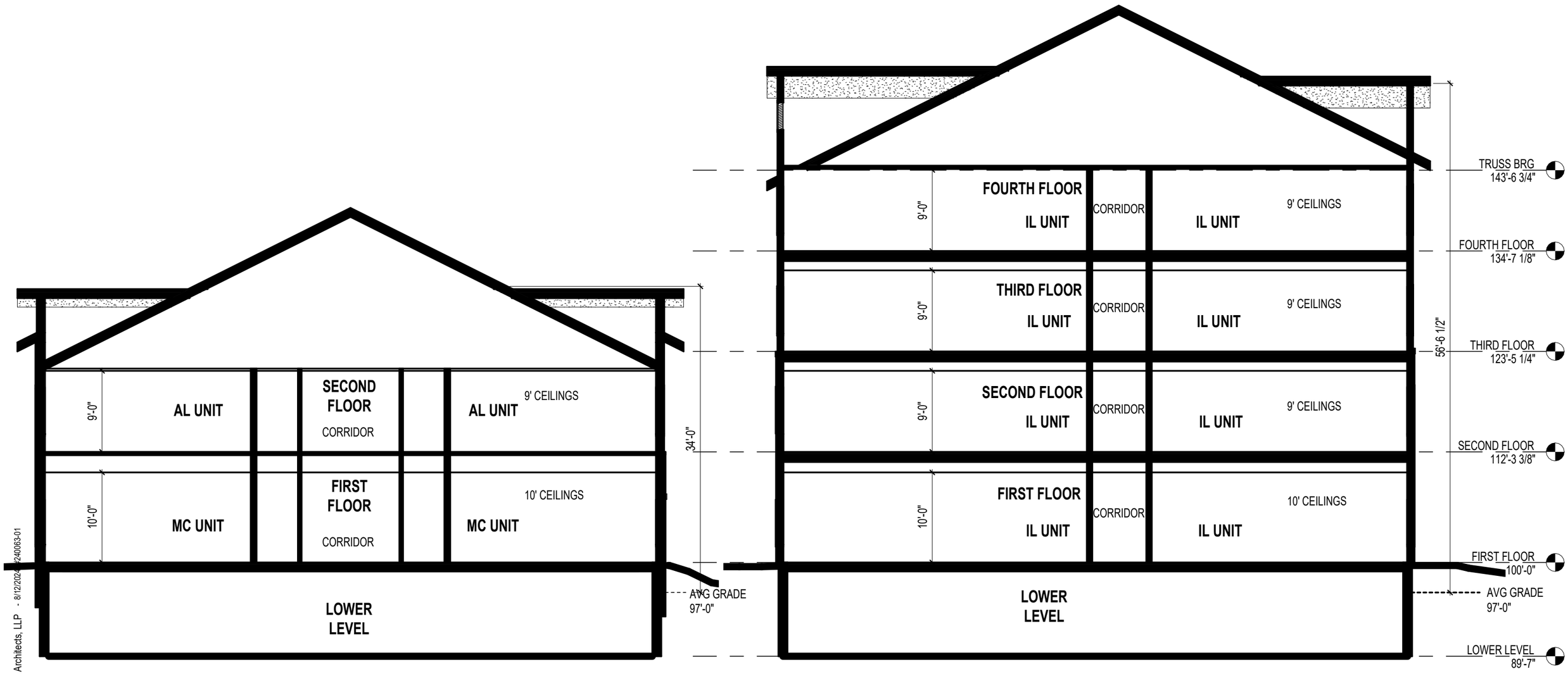
2 **NORTHWEST ELEVATION**
1" = 20'-0"



3 **NORTHEAST ELEVATION**
1" = 20'-0"

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EXTERIOR ELEVATIONS



1 **TYPICAL BUILDING SECTION AT LOW ROOF**
3/32" = 1'-0"

2 **TYPICAL BUILDING SECTION AT HIGH ROOF**
3/32" = 1'-0"

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VIEW FROM HIGHWAY 16 WESTBOUND

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VIEW FROM HIGHWAY 16 EASTBOUND

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VIEW FROM CAMPUS DRIVE

Hartland LCL Senior Development

Village of Hartland, Wisconsin

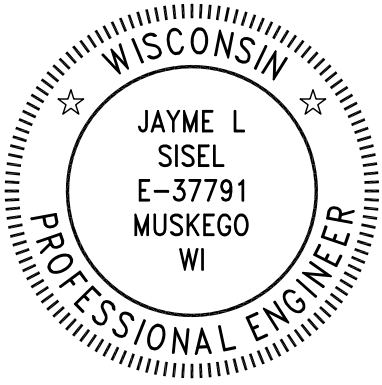
Preliminary

Stormwater Management Plan

Prepared by:

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Brookfield, Wisconsin 53005
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Telephone: (262) 790-1480
Email: info@trioeng.com

Sound Stormwater Design LLC
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August 12, 2024

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APPENDIX B Post-Development Hydrologic Analysis

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Introduction

Three Leaf Partners, LLC is proposing to construct a senior living development on an 8.96-acre parcel located south of Campus Drive, east of WI-83, and north of STH-16 in the Village of Hartland, Waukesha County, Wisconsin. Refer to Figure 1 for a general location of the project site.

This report documents the design computations for pre-development and post-development conditions and presents a plan for stormwater management that meets the requirements of the Village of Hartland and the Wisconsin Department of Natural Resources (WDNR).

Owner/ Developer

The owner, developer, and responsible entity for installation and maintenance of the stormwater management practices is:

Three Leaf Partners, LLC
504 W. Juneau Avenue
Milwaukee, Wisconsin 53203
Contact: John Ford
Phone: (414) 775-0857

Design Requirements

The following design standards have been used to develop the stormwater management plan for the Hartland LCL Senior Development project:

- Village of Hartland Chapter 76, Stormwater Management
- Wisconsin Department of Natural Resources (WDNR) Technical Standards, NR151, and NR216
- Summary of design requirements:
  - Peak Discharge:
    Village of Hartland: Reduce the 100-yr, 24-hr post-development runoff rate to the 10-yr, 24-hr pre-development runoff rate. Reduce the 10-yr, 24-hr post-development runoff rate to no greater than the 2-yr, 24-hr pre-development runoff rate. In addition, control the 1-yr and 2-yr, 24-hr post-development runoff rates to the 1-yr and 2-yr, 24-hr pre-development rates, respectively.
  - Water Quality: Reduce to the maximum extent practicable the total suspended solids (TSS) load by 80%, based on an average annual rainfall, as compared to no runoff management controls. Reduce to the maximum extent possible the total phosphorus load by 30%, based on an average annual rainfall, as compared to no runoff management controls.
  - Infiltration: For low impervious developments:
    - Infiltrate sufficient runoff volume so that the post-development infiltration volume is at least 90 percent of pre-development infiltration volume, based on an average annual rainfall.

- No more than 1 percent of the post-construction site is required as an effective infiltration area.

Analysis Overview

The Stormwater Management Plan for the Hartland LCL Senior Development has been designed in accordance with the Village of Hartland and all applicable state requirements. Pre-development and post-development stormwater runoff conditions for the site were analyzed for**:** runoff volume, peak volume, discharge, detention basin storage capacity required, outlet structure and storm sewer system requirements. The software package used for modeling and analysis was HydroCAD Version 10.20 software by HydroCAD Software Solutions. HydroCAD uses NRCS methods to generate runoff and pond routing hydrographs. The model's capabilities include modeling simple drainage basins, combining hydrographs to determine runoff and storage requirements, and detention basin and outlet structure sizing.

MSE3 rainfall distributions were used for modeling the 1, 2, 10 and 100-year, 24-hour storm events. Rainfall values for the hydrological analysis were taken from the National Oceanic and Atmospheric Administration (NOAA) Atlas 14 Precipitation Frequency Tables for Wisconsin Counties and are shown in the following table.

TABLE 1
Design Rainfall Values

Storm Recurrence Interval	24-hour Rainfall Depths
1-year	2.4 inches
2-year	2.7 inches
10-year	3.81 inches
100-year	6.18 inches

Soil types for the site were determined from NRCS Soil Survey for Waukesha County and from preliminary soil boring log data provided by GeoTest, Inc. The Soil Survey identifies the soils at the site as mostly Theresa silt loam and Hochheim loam with limited areas of Casco-Rodman complex soils. The soil boring log data indicated the soils at the site as mostly sand and gravel with areas of shallow clay/sand soils. Based on this, a hydrologic soil group B was used to determine runoff curve numbers for the site. Refer to Appendix D for details.

Pre-Development Watershed Description

The project site is approximately 8.96-acres in size and is occupied by woodlands and grasslands. Surface drainage for the majority of the site is generally towards either on-site kettles or towards an existing 15-inch culvert that drains northwest, under Campus Drive, and discharges to the existing stormwater pond at Lake Country Lutheran (LCL) High School. A small portion of the site along Campus Drive drains towards storm sewer inlets within the road which also drains directly to the LCL High School pond.

Land cover types, drainage boundaries and flow paths are shown on Figure 2, Pre-Development Conditions Plan. The following table summarizes the results of the stormwater model for pre-

development conditions. A schematic plan of the hydrological analysis and detailed hydrological computations for pre-development conditions are included in Appendix A.

TABLE 2
Pre-Development Conditions

Subarea, or Junction	Description	Area (acres)	Imp. Area (acres)	CN Value	Time of Conc. (minutes)	Peak Flow Rate (cfs)			
						1-year	2-year	10-year	100-year
1	Subarea	1.84	0.00	58	11	0.08	0.19	1.23	5.04
1K	Kettle	-	-	-	-	0.00	0.00	0.00	0.00
2	Subarea	1.16	0.00	58	6	0.05	0.13	1.01	3.96
2K	Kettle	-	-	-	-	0.00	0.00	0.00	0.00
3	Subarea	3.37	0.06	58	20	0.13	0.29	1.60	6.59
3K	Kettle	-	-	-	-	0.00	0.00	0.00	0.21
4	Subarea	1.25	0.14	61	17	0.10	0.21	0.90	3.18
4K	Kettle	-	-	-	-	0.00	0.00	0.00	0.11
5	Subarea	0.13	0.00	55	6	0.00	0.01	0.08	0.38
6-New	New Development Subarea	0.26	0.00	61	12	0.02	0.05	0.23	0.78
6-Redev	Redevelopment Subarea	0.13	0.05	75	12	0.10	0.14	0.29	0.65
7-Dist	Disturbed Subarea	0.06	0.00	59	15	0.00	0.01	0.04	0.15
7-Undist	Undisturbed Subarea	0.84	0.00	58	15	0.03	0.08	0.47	1.95
1a-L	West Link – New Development	2.16	0.00	59	-	0.03	0.06	0.26	0.92
1b-L	West Link – Redev & Undist	0.97	0.05	61	-	0.11	0.18	0.72	2.54
1L	**West Link (1a-L & 1b-L)**	**3.13**	**0.05**	**59**	**-**	**0.13**	**0.23**	**0.97**	**3.45**
2L	**East Link**	**5.91**	**0.20**	**58**	**-**	**0.00**	**0.01**	**0.08**	**0.38**

Post-Development Site Drainage Description

The proposed development includes the construction of a senior living development comprised of buildings, parking lots, access drives, hardscape, and greenspace areas. The proposed plan will disturb approximately 5.5-acres and will result in a net increase in impervious area of approximately 3.13 acres. Figure 3, Post-Development Conditions Plan, shows the proposed land cover, grading, drainage boundaries, flow paths, and proposed site and stormwater management improvements. The following table summarizes the results of the stormwater model for post-development conditions. A schematic plan of the hydrological analysis and detailed hydrological computations for post-development conditions are included in Appendix B.

TABLE 3
Post-Development Conditions

Subarea, or Junction	Description	Area (acres)	Imp. Area (acres)	CN Value	Time of Conc. (minutes)	Peak Flow Rate (cfs)			
						1-year	2-year	10-year	100-year
1	Subarea	1.32	0.73	81	6	2.14	2.68	4.82	9.69

TABLE 3
Post-Development Conditions

1B	Basin	-	-	-	-	0.00	0.09	0.66	1.38
2	Subarea	3.25	1.62	78	13	3.07	3.99	7.73	16.59
2K	Kettle	-	-	-	-	0.00	0.00	0.02	0.29
3	Subarea	1.95	0.78	76	13	1.62	2.15	4.37	9.72
3B	Basin	-	-	-	-	1.29	1.44	2.79	9.70
4	Subarea	1.01	0.17	64	13	0.17	0.32	1.07	3.27
4K	Kettle	-	-	-	-	0.00	0.00	0.00	0.08
5	Subarea	0.38	0.00	58	6	0.02	0.04	0.33	1.30
5K	Kettle	-	-	-	-	0.00	0.00	0.00	0.00
6	Subarea	0.02	0.00	55	6	0.00	0.00	0.01	0.06
7	Subarea	0.21	0.02	65	6	0.06	0.11	0.34	0.97
8	Subarea	0.90	0.06	61	17	0.08	0.15	0.65	2.26
1L	**West Link**	**5.68**	**2.43**	**76**	**-**	**0.10**	**0.20**	**0.78**	**2.66**
2L	**East Link**	**3.36**	**0.95**	**70**	**-**	**0.00**	**0.00**	**0.01**	**0.08**

Stormwater Detention Basin Design & Summary

The stormwater management plan proposes two (2) bioretention basins and three (3) existing kettles as the primary means of stormwater management for the site. The following tables summarize the detention system routing analysis for the bioretention basins. Details of the stormwater management facilities are included in Appendix B.

TABLE 4
Routing Analysis Summary

Basin 1B

Basin Details:
Bottom engineered soil elev. = 1015.0
Top of engineered soil elevation = 1017.0
Top of berm elevation = 1022.0

Basin Outlet Control:
3.60 inch/hour native infiltration rate (1002 Table 2)
6-inch diameter orifice at I.E. 1017.0
36-inch horizontal grate at elevation 1019.0
12-inch dia. outlet pipe at I.E. 1017.0
10-foot spillway at elevation 1021.0

	1-year Storm	2-year Storm	10-year Storm	100-year Storm
Peak Inflow (cfs)	2.14	2.68	4.82	9.69
Peak Outflow (cfs)	0.00	0.09	0.66	1.38
Max Water Surface Elev.	1016.99	1017.18	1017.74	1019.03
Max Storage Volume (ac-ft)	0.04	0.05	0.08	0.19

Basin 3B

Basin Details:
Bottom of stone elevation = 1003.0
Stone/engineered soil interface elev. = 1004.0
Top of engineered soil elevation = 1006.0
Top of berm elevation = 1009.5

Basin Outlet Control:
0.11 inch/hour native infiltration rate (1002 Table 2)
6-inch diameter underdrain at I.E. 1004.0
70-foot spillway at elevation 1008.0

	1-year Storm	2-year Storm	10-year Storm	100-year Storm
Peak Inflow (cfs)	1.62	2.15	4.37	9.72
Peak Outflow (cfs)	1.29	1.44	2.79	9.70
Max Water Surface Elev.	1006.11	1006.57	1008.03	1008.13
Max Storage Volume (ac-ft)	0.01	0.02	0.05	0.05

Peak Discharge Summaries

Village of Hartland requires post-development peak discharge rates for the 100-yr, 24-hr storm to be no greater than the pre-development discharge rates for the 10-yr, 24-hr storm event. In addition, the post-development peak discharge rates for the 2 and 10-yr, 24-hr storms shall be no greater than the pre-development discharge rates for the 2-yr, 24-hr storm. The 1-yr, 24-hr post-development runoff rate shall be no greater that the 1-yr, 24-hr pre-development rate. The following table compares the results of the analysis from a peak discharge standpoint.

TABLE 5
Comparison of Peak Discharge

West Sub-Watershed (West Link 1L)						
				1-yr Max Rate Allowed		1-yr Post-Development
				0.13 cfs	>	**0.10 cfs**
				2-yr Max Rate Allowed		10-yr Post-Development
				0.23 cfs	>	**0.20 cfs**
2-yr Pre-Development (Link 1a-L)		10-yr Redev. & Undist. Areas (Link 1b-L)		10-yr Max Rate Allowed		10-yr Post-Development
0.06 cfs	+	0.72 cfs	=	**0.78 cfs**	>	**0.78 cfs**
10-yr Pre-Development (Link 1a-L)		100-yr Redev. & Undist. Areas (Link 1b-L)		100-yr Max Rate Allowed		100-yr Post-Development
0.26 cfs	+	2.54 cfs	=	**2.80 cfs**	>	**2.66 cfs**
East Sub-Watershed (East Link 2L)						
		1-yr Pre-Development		1-yr Max Rate Allowed		1-yr Post-Development
		0.00 cfs	=	**0.00 cfs**	>	**0.00 cfs**
		2-yr Pre-Development		2-yr Max Rate Allowed		10-yr Post-Development
		0.01 cfs	=	**0.01 cfs**	>	**0.00 cfs**
		2-yr Pre-Development		10-yr Max Rate Allowed		10-yr Post-Development
		0.01 cfs	=	**0.01 cfs**	>	**0.01 cfs**
		10-yr Pre-Development		100-yr Max Rate Allowed		100-yr Post-Development
		0.08 cfs	=	**0.08 cfs**	>	**0.08 cfs**

Water Quality

The Village of Hartland requires new development sites to be designed to remove 80 percent of TSS, based on an average annual rainfall as compared to no runoff management controls. Stormwater quality was analyzed using SLAMM Version 10.5.0 software, developed by Robert Pitt and John Voorhees. The results of the SLAMM analysis indicate that approximately 98 percent of TSS will be removed from stormwater as a result of the bioretention basins and existing kettles. Detailed computations are included in Appendix C.

Infiltration

The Village of Hartland requires low imperviousness developments to infiltrate sufficient runoff volume so that the post-development infiltration volume is at least 90% of the pre-development infiltration volume, based on an average annual rainfall. However, no more than 1% of the project site is required as an effective infiltration area.

The development plan will disturb approximately 5.5-acres of area. In accordance with the Village's ordinance, the maximum effective infiltration area required is approximately 0.06 acres (1% of the project site). The two proposed bioretention basins will provide a total effective infiltration area of approximately 0.07 acres which exceeds the 1% requirement. Based on this, the site meets the requirements for infiltration and no additional infiltration analysis is warranted.

Conclusion

The proposed development will maintain compliance with the Village of Hartland, Waukesha County, and the WDNR's requirements for control of stormwater quantity, quality, and infiltration.

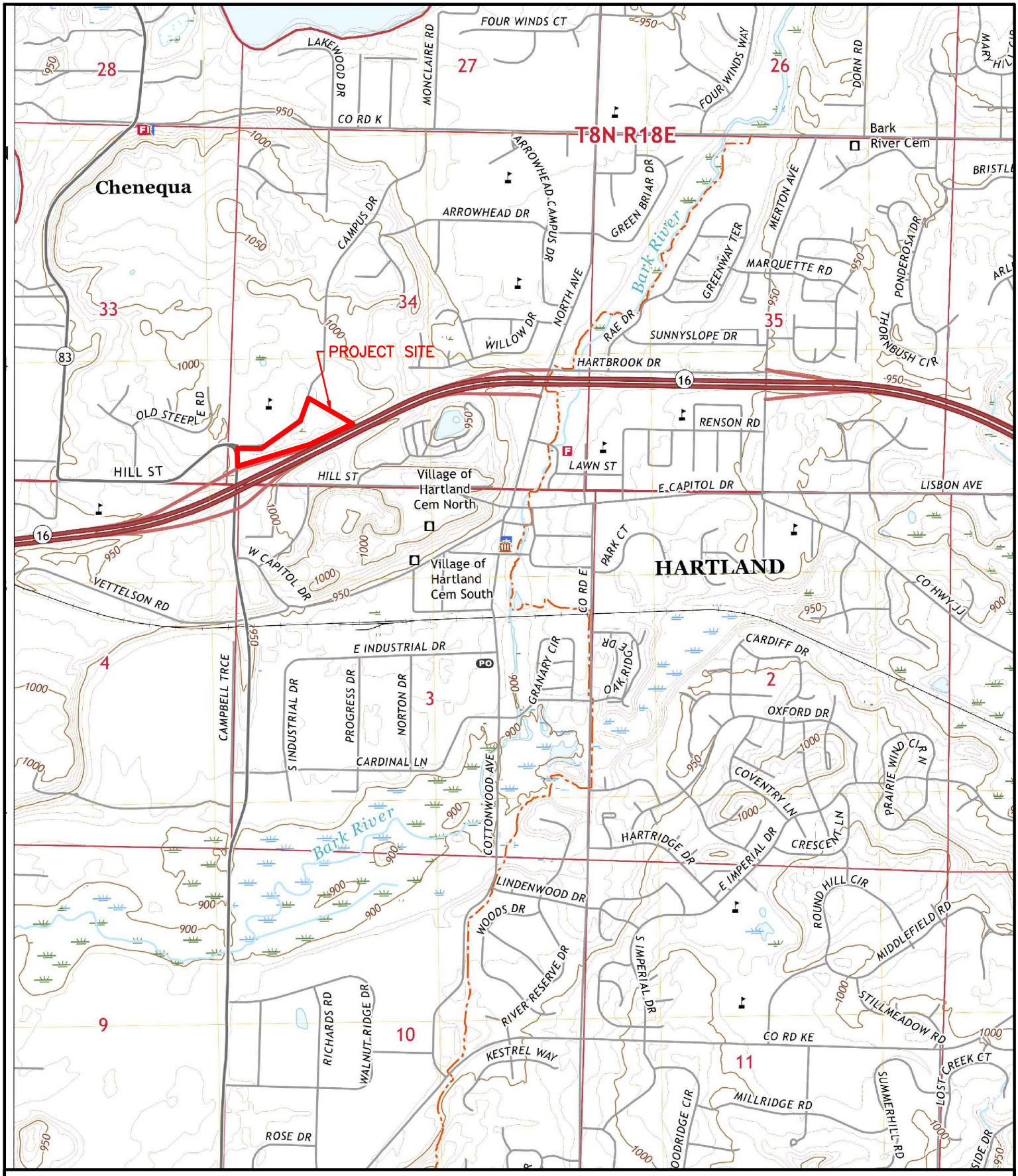
Prepared by:

SOUND STORMWATER DESIGN LLC



Jayme Sisel, P.E.

FIGURES



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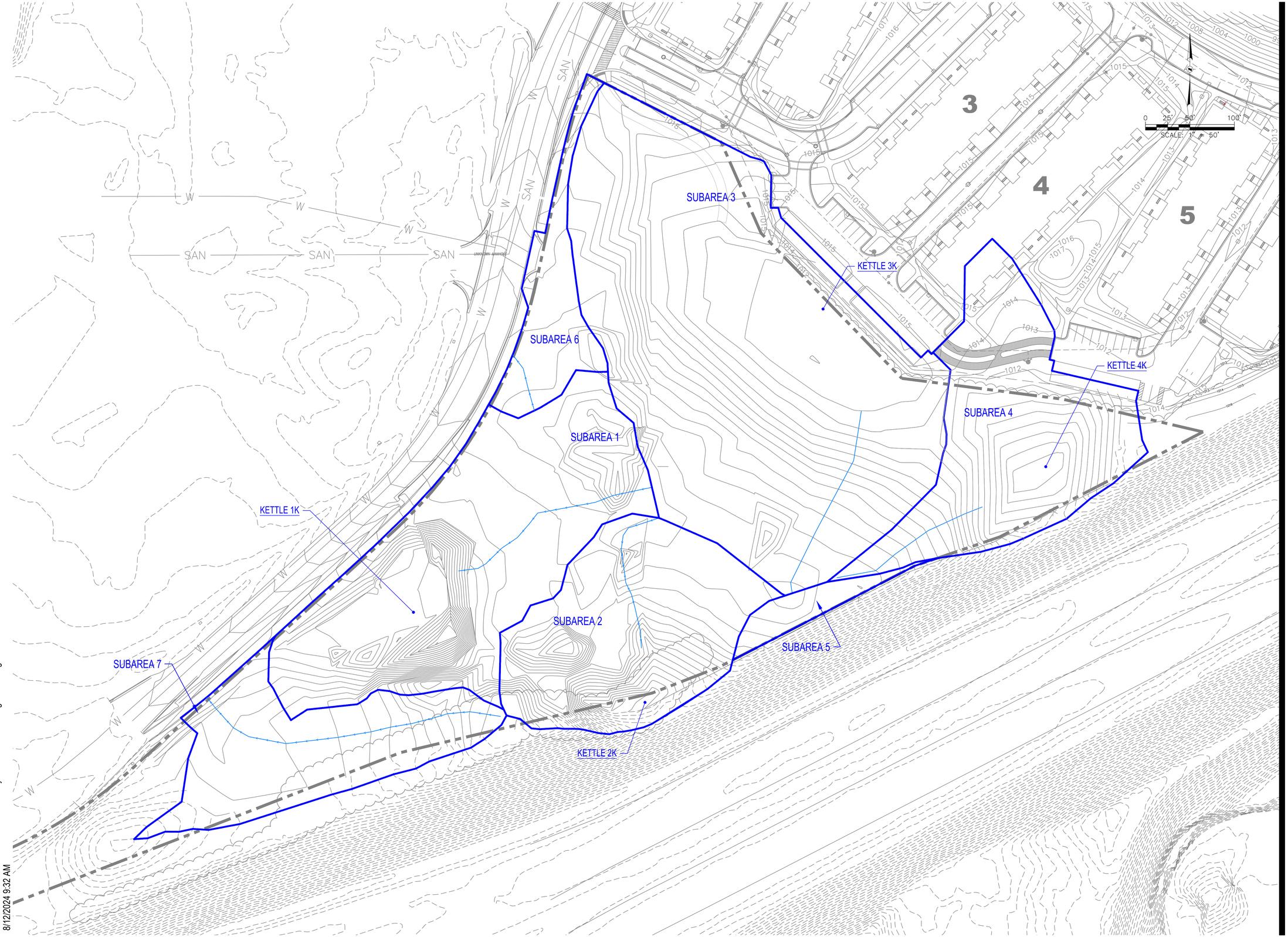
0 500 1,000 2,000 FEET

FIGURE 1

SITE LOCATION MAP

HARTLAND LCL
SENIOR DEVELOPMENT
HARTLAND, WISCONSIN

SOUND STORMWATER DESIGN



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SOUND STORMWATER DESIGN

Copper Oaks Ct.
Muskego, WI 53150
414.286.4739
jayme.sisel@soundstormwater.com

CLIENT:

PROJECT TITLE:

HARTLAND LCL SENIOR DEVELOPMENT

CAMPUS DRIVE
HARTLAND, WISCONSIN

DATE: 08-12-24

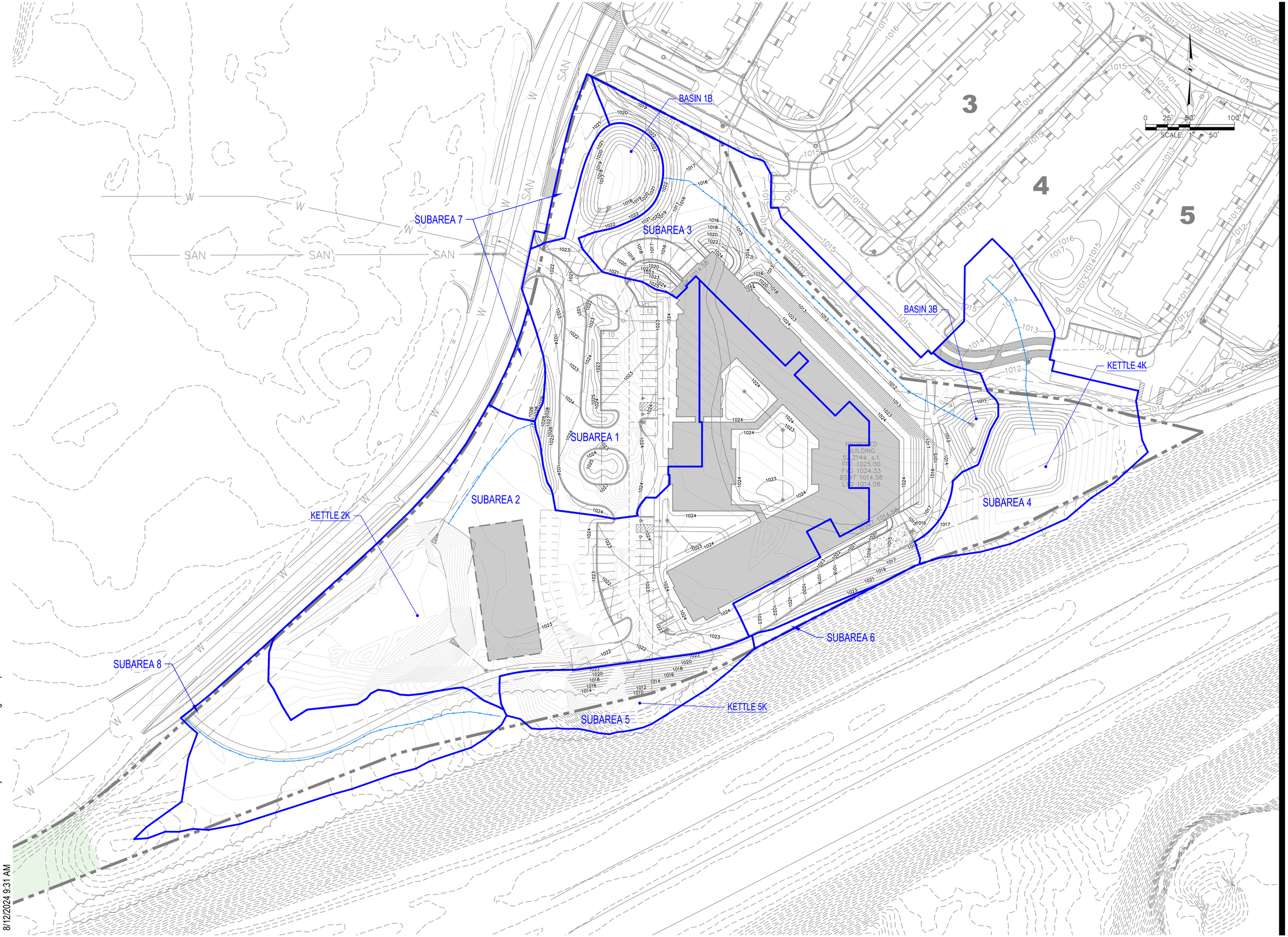
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SHEET TITLE:

PRE-DEVELOPMENT CONDITIONS PLAN

FIGURE:

2



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SOUND STORMWATER DESIGN

Copper Oaks Ct.
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CLIENT:

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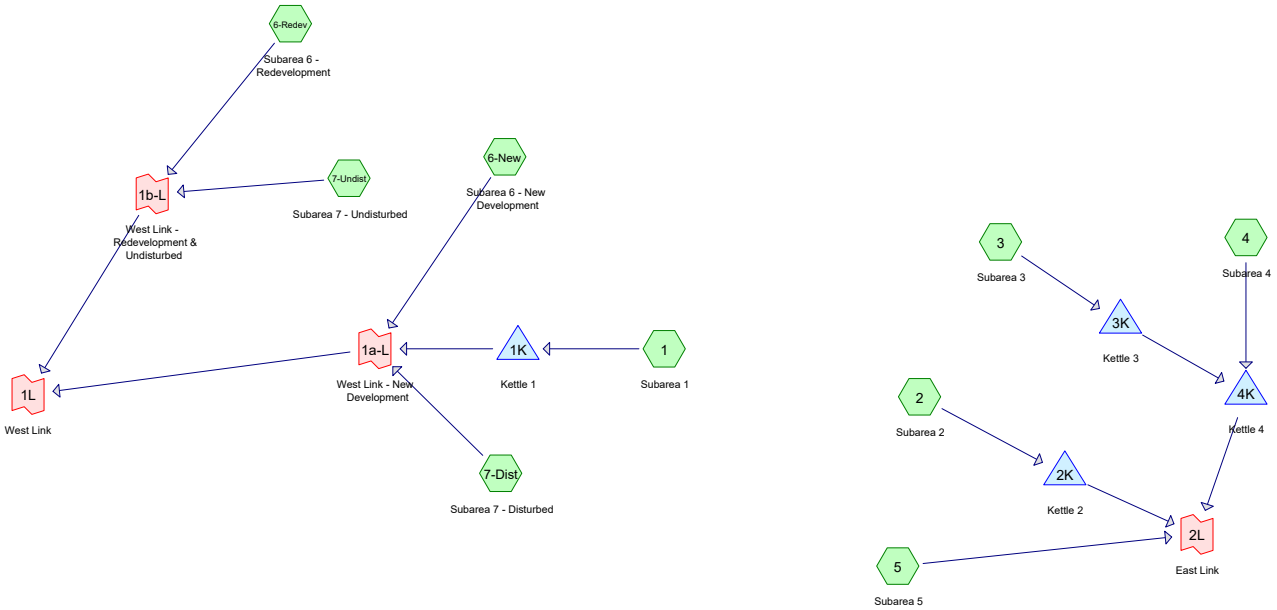
POST-DEVELOPMENT CONDITIONS PLAN

FIGURE:

3

APPENDIX A

Pre-Development Hydrologic Analysis



Subcat Reach Pond Link

Routing Diagram for Existing_005

Prepared by Sound Stormwater Design, Printed 8/12/2024

HydroCAD® 10.20-4b s/n 11025 © 2023 HydroCAD Software Solutions LLC

Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	1 yr	MSE 24-hr	3	Default	24.00	1	2.40	2
2	2 yr	MSE 24-hr	3	Default	24.00	1	2.70	2
3	10 yr	MSE 24-hr	3	Default	24.00	1	3.81	2
4	100 yr	MSE 24-hr	3	Default	24.00	1	6.18	2

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.890	61	grass (1, 3, 4, 6-Redev, 7-Undist)
2.900	61	grassland (1, 2, 3, 6-New, 7-Dist, 7-Undist)
0.250	98	impervious (3, 4, 6-Redev)
5.000	55	woods (1, 2, 3, 4, 5, 7-Dist, 7-Undist)
9.040	**59**	**TOTAL AREA**

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.840 ac 0.00% Impervious Runoff Depth>0.11"
Flow Length=245' Tc=10.5 min CN=58 Runoff=0.08 cfs 0.017 af

Subcatchment2: Subarea 2 Runoff Area=1.160 ac 0.00% Impervious Runoff Depth>0.11"
Flow Length=175' Tc=6.0 min CN=58 Runoff=0.05 cfs 0.011 af

Subcatchment3: Subarea 3 Runoff Area=3.370 ac 1.78% Impervious Runoff Depth>0.11"
Flow Length=220' Tc=20.3 min CN=58 Runoff=0.13 cfs 0.031 af

Subcatchment4: Subarea 4 Runoff Area=1.250 ac 11.20% Impervious Runoff Depth>0.17"
Flow Length=205' Tc=16.6 min CN=61 Runoff=0.10 cfs 0.017 af

Subcatchment5: Subarea 5 Runoff Area=0.130 ac 0.00% Impervious Runoff Depth>0.07"
Flow Length=30' Slope=0.0600 '/' Tc=6.0 min CN=55 Runoff=0.00 cfs 0.001 af

Subcatchment6-New: Subarea 6 - New Runoff Area=0.260 ac 0.00% Impervious Runoff Depth>0.17"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=61 Runoff=0.02 cfs 0.004 af

Subcatchment6-Redev: Subarea 6 - Runoff Area=0.130 ac 38.46% Impervious Runoff Depth>0.59"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=75 Runoff=0.10 cfs 0.006 af

Subcatchment7-Dist: Subarea 7 - Disturbed Runoff Area=0.060 ac 0.00% Impervious Runoff Depth>0.13"
Flow Length=350' Tc=14.7 min CN=59 Runoff=0.00 cfs 0.001 af

Subcatchment7-Undist: Subarea 7 - Runoff Area=0.840 ac 0.00% Impervious Runoff Depth>0.11"
Flow Length=350' Tc=14.7 min CN=58 Runoff=0.03 cfs 0.008 af

Pond 1K: Kettle 1 Peak Elev=1,007.00' Storage=0.015 af Inflow=0.08 cfs 0.017 af
Discarded=0.00 cfs 0.002 af Primary=0.00 cfs 0.000 af Outflow=0.00 cfs 0.002 af

Pond 2K: Kettle 2 Peak Elev=1,009.25' Storage=0.006 af Inflow=0.05 cfs 0.011 af
Discarded=0.01 cfs 0.006 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.006 af

Pond 3K: Kettle 3 Peak Elev=1,011.53' Storage=0.021 af Inflow=0.13 cfs 0.031 af
Discarded=0.01 cfs 0.011 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.011 af

Pond 4K: Kettle 4 Peak Elev=1,005.27' Storage=0.012 af Inflow=0.10 cfs 0.017 af
Discarded=0.01 cfs 0.005 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.005 af

Link 1a-L: West Link - New Development Inflow=0.03 cfs 0.004 af
Primary=0.03 cfs 0.004 af

Link 1b-L: West Link - Redevelopment& Undisturbed Inflow=0.11 cfs 0.014 af
Primary=0.11 cfs 0.014 af

Link 1L: West Link Inflow=0.13 cfs 0.018 af
Primary=0.13 cfs 0.018 af

Link 2L: East Link

Inflow=0.00 cfs 0.001 af
Primary=0.00 cfs 0.001 af

Total Runoff Area = 9.040 ac Runoff Volume = 0.095 af Average Runoff Depth = 0.13"
97.23% Pervious = 8.790 ac 2.77% Impervious = 0.250 ac

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.840 ac 0.00% Impervious Runoff Depth>0.18"
Flow Length=245' Tc=10.5 min CN=58 Runoff=0.19 cfs 0.028 af

Subcatchment2: Subarea 2 Runoff Area=1.160 ac 0.00% Impervious Runoff Depth>0.18"
Flow Length=175' Tc=6.0 min CN=58 Runoff=0.13 cfs 0.018 af

Subcatchment3: Subarea 3 Runoff Area=3.370 ac 1.78% Impervious Runoff Depth>0.18"
Flow Length=220' Tc=20.3 min CN=58 Runoff=0.29 cfs 0.052 af

Subcatchment4: Subarea 4 Runoff Area=1.250 ac 11.20% Impervious Runoff Depth>0.26"
Flow Length=205' Tc=16.6 min CN=61 Runoff=0.21 cfs 0.027 af

Subcatchment5: Subarea 5 Runoff Area=0.130 ac 0.00% Impervious Runoff Depth>0.12"
Flow Length=30' Slope=0.0600 '/' Tc=6.0 min CN=55 Runoff=0.01 cfs 0.001 af

Subcatchment6-New: Subarea 6 - New Runoff Area=0.260 ac 0.00% Impervious Runoff Depth>0.26"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=61 Runoff=0.05 cfs 0.006 af

Subcatchment6-Redev: Subarea 6 - Runoff Area=0.130 ac 38.46% Impervious Runoff Depth>0.77"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=75 Runoff=0.14 cfs 0.008 af

Subcatchment7-Dist: Subarea 7 - Disturbed Runoff Area=0.060 ac 0.00% Impervious Runoff Depth>0.21"
Flow Length=350' Tc=14.7 min CN=59 Runoff=0.01 cfs 0.001 af

Subcatchment7-Undist: Subarea 7 - Runoff Area=0.840 ac 0.00% Impervious Runoff Depth>0.18"
Flow Length=350' Tc=14.7 min CN=58 Runoff=0.08 cfs 0.013 af

Pond 1K: Kettle 1 Peak Elev=1,007.48' Storage=0.025 af Inflow=0.19 cfs 0.028 af
Discarded=0.00 cfs 0.003 af Primary=0.00 cfs 0.000 af Outflow=0.00 cfs 0.003 af

Pond 2K: Kettle 2 Peak Elev=1,009.48' Storage=0.012 af Inflow=0.13 cfs 0.018 af
Discarded=0.01 cfs 0.007 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.007 af

Pond 3K: Kettle 3 Peak Elev=1,011.64' Storage=0.036 af Inflow=0.29 cfs 0.052 af
Discarded=0.02 cfs 0.016 af Primary=0.00 cfs 0.000 af Outflow=0.02 cfs 0.016 af

Pond 4K: Kettle 4 Peak Elev=1,005.42' Storage=0.021 af Inflow=0.21 cfs 0.027 af
Discarded=0.01 cfs 0.006 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.006 af

Link 1a-L: West Link - New Development Inflow=0.06 cfs 0.007 af
Primary=0.06 cfs 0.007 af

Link 1b-L: West Link - Redevelopment& Undisturbed Inflow=0.18 cfs 0.021 af
Primary=0.18 cfs 0.021 af

Link 1L: West Link Inflow=0.23 cfs 0.028 af
Primary=0.23 cfs 0.028 af

Link 2L: East Link

Inflow=0.01 cfs 0.001 af
Primary=0.01 cfs 0.001 af

Total Runoff Area = 9.040 ac Runoff Volume = 0.154 af Average Runoff Depth = 0.20"
97.23% Pervious = 8.790 ac 2.77% Impervious = 0.250 ac

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.840 ac 0.00% Impervious Runoff Depth>0.58"
Flow Length=245' Tc=10.5 min CN=58 Runoff=1.23 cfs 0.089 af

Subcatchment2: Subarea 2 Runoff Area=1.160 ac 0.00% Impervious Runoff Depth>0.58"
Flow Length=175' Tc=6.0 min CN=58 Runoff=1.01 cfs 0.056 af

Subcatchment3: Subarea 3 Runoff Area=3.370 ac 1.78% Impervious Runoff Depth>0.58"
Flow Length=220' Tc=20.3 min CN=58 Runoff=1.60 cfs 0.163 af

Subcatchment4: Subarea 4 Runoff Area=1.250 ac 11.20% Impervious Runoff Depth>0.72"
Flow Length=205' Tc=16.6 min CN=61 Runoff=0.90 cfs 0.075 af

Subcatchment5: Subarea 5 Runoff Area=0.130 ac 0.00% Impervious Runoff Depth>0.46"
Flow Length=30' Slope=0.0600 '/' Tc=6.0 min CN=55 Runoff=0.08 cfs 0.005 af

Subcatchment6-New: Subarea 6 - New Runoff Area=0.260 ac 0.00% Impervious Runoff Depth>0.72"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=61 Runoff=0.23 cfs 0.016 af

Subcatchment6-Redev: Subarea 6 - Runoff Area=0.130 ac 38.46% Impervious Runoff Depth>1.52"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=75 Runoff=0.29 cfs 0.017 af

Subcatchment7-Dist: Subarea 7 - Disturbed Runoff Area=0.060 ac 0.00% Impervious Runoff Depth>0.62"
Flow Length=350' Tc=14.7 min CN=59 Runoff=0.04 cfs 0.003 af

Subcatchment7-Undist: Subarea 7 - Runoff Area=0.840 ac 0.00% Impervious Runoff Depth>0.58"
Flow Length=350' Tc=14.7 min CN=58 Runoff=0.47 cfs 0.041 af

Pond 1K: Kettle 1 Peak Elev=1,009.22' Storage=0.084 af Inflow=1.23 cfs 0.089 af
Discarded=0.01 cfs 0.005 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.005 af

Pond 2K: Kettle 2 Peak Elev=1,010.36' Storage=0.045 af Inflow=1.01 cfs 0.056 af
Discarded=0.01 cfs 0.012 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.012 af

Pond 3K: Kettle 3 Peak Elev=1,011.97' Storage=0.126 af Inflow=1.60 cfs 0.163 af
Discarded=0.04 cfs 0.040 af Primary=0.00 cfs 0.000 af Outflow=0.04 cfs 0.040 af

Pond 4K: Kettle 4 Peak Elev=1,006.02' Storage=0.065 af Inflow=0.90 cfs 0.075 af
Discarded=0.01 cfs 0.010 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.010 af

Link 1a-L: West Link - New Development Inflow=0.26 cfs 0.019 af
Primary=0.26 cfs 0.019 af

Link 1b-L: West Link - Redevelopment& Undisturbed Inflow=0.72 cfs 0.057 af
Primary=0.72 cfs 0.057 af

Link 1L: West Link Inflow=0.97 cfs 0.076 af
Primary=0.97 cfs 0.076 af

Link 2L: East Link

Inflow=0.08 cfs 0.005 af
Primary=0.08 cfs 0.005 af

Total Runoff Area = 9.040 ac Runoff Volume = 0.463 af Average Runoff Depth = 0.61"
97.23% Pervious = 8.790 ac 2.77% Impervious = 0.250 ac

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.840 ac 0.00% Impervious Runoff Depth>1.87"
Flow Length=245' Tc=10.5 min CN=58 Runoff=5.04 cfs 0.286 af

Subcatchment2: Subarea 2 Runoff Area=1.160 ac 0.00% Impervious Runoff Depth>1.87"
Flow Length=175' Tc=6.0 min CN=58 Runoff=3.96 cfs 0.181 af

Subcatchment3: Subarea 3 Runoff Area=3.370 ac 1.78% Impervious Runoff Depth>1.87"
Flow Length=220' Tc=20.3 min CN=58 Runoff=6.59 cfs 0.524 af

Subcatchment4: Subarea 4 Runoff Area=1.250 ac 11.20% Impervious Runoff Depth>2.12"
Flow Length=205' Tc=16.6 min CN=61 Runoff=3.18 cfs 0.221 af

Subcatchment5: Subarea 5 Runoff Area=0.130 ac 0.00% Impervious Runoff Depth>1.62"
Flow Length=30' Slope=0.0600 '/' Tc=6.0 min CN=55 Runoff=0.38 cfs 0.018 af

Subcatchment6-New: Subarea 6 - New Runoff Area=0.260 ac 0.00% Impervious Runoff Depth>2.12"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=61 Runoff=0.78 cfs 0.046 af

Subcatchment6-Redev: Subarea 6 - Runoff Area=0.130 ac 38.46% Impervious Runoff Depth>3.43"
Flow Length=70' Slope=0.0200 '/' Tc=11.7 min CN=75 Runoff=0.65 cfs 0.037 af

Subcatchment7-Dist: Subarea 7 - Disturbed Runoff Area=0.060 ac 0.00% Impervious Runoff Depth>1.95"
Flow Length=350' Tc=14.7 min CN=59 Runoff=0.15 cfs 0.010 af

Subcatchment7-Undist: Subarea 7 - Runoff Area=0.840 ac 0.00% Impervious Runoff Depth>1.87"
Flow Length=350' Tc=14.7 min CN=58 Runoff=1.95 cfs 0.131 af

Pond 1K: Kettle 1 Peak Elev=1,011.94' Storage=0.272 af Inflow=5.04 cfs 0.286 af
Discarded=0.02 cfs 0.014 af Primary=0.00 cfs 0.000 af Outflow=0.02 cfs 0.014 af

Pond 2K: Kettle 2 Peak Elev=1,012.04' Storage=0.157 af Inflow=3.96 cfs 0.181 af
Discarded=0.03 cfs 0.024 af Primary=0.00 cfs 0.000 af Outflow=0.03 cfs 0.024 af

Pond 3K: Kettle 3 Peak Elev=1,012.54' Storage=0.390 af Inflow=6.59 cfs 0.524 af
Discarded=0.06 cfs 0.060 af Primary=0.21 cfs 0.092 af Outflow=0.27 cfs 0.152 af

Pond 4K: Kettle 4 Peak Elev=1,007.53' Storage=0.270 af Inflow=3.18 cfs 0.313 af
Discarded=0.02 cfs 0.020 af Primary=0.11 cfs 0.026 af Outflow=0.14 cfs 0.046 af

Link 1a-L: West Link - New Development Inflow=0.92 cfs 0.056 af
Primary=0.92 cfs 0.056 af

Link 1b-L: West Link - Redevelopment& Undisturbed Inflow=2.54 cfs 0.168 af
Primary=2.54 cfs 0.168 af

Link 1L: West Link Inflow=3.45 cfs 0.224 af
Primary=3.45 cfs 0.224 af

Link 2L: East Link

Inflow=0.38 cfs 0.043 af
Primary=0.38 cfs 0.043 af

Total Runoff Area = 9.040 ac Runoff Volume = 1.454 af Average Runoff Depth = 1.93"
97.23% Pervious = 8.790 ac 2.77% Impervious = 0.250 ac

Summary for Subcatchment 1: Subarea 1

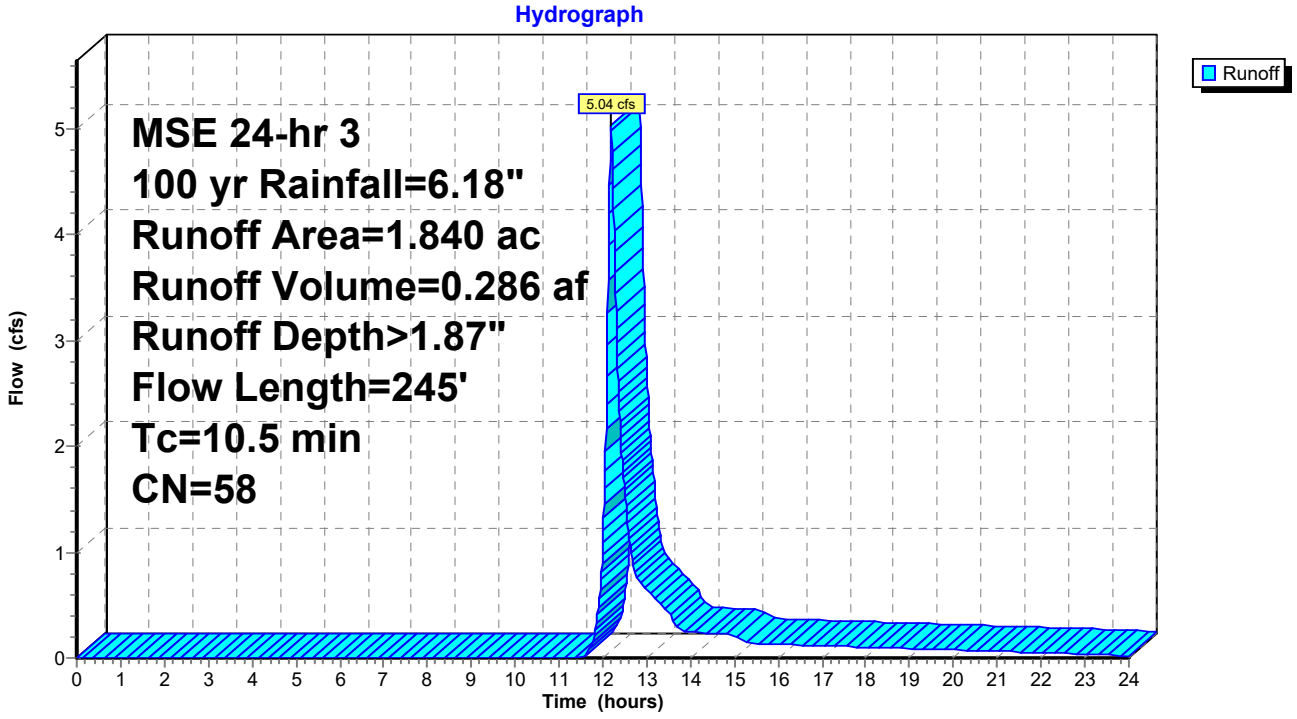
Runoff = 5.04 cfs @ 12.19 hrs, Volume= 0.286 af, Depth> 1.87"
Routed to Pond 1K : Kettle 1

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.840	55	woods
*	0.920	61	grassland
*	0.080	61	grass
	1.840	58	Weighted Average
	1.840		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
9.5	100	0.0200	0.18		**Sheet Flow,** Range n= 0.130 P2= 2.70"
1.0	130	0.0200	2.28		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
0.0	15	0.3300	9.25		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
10.5	245	Total			

Subcatchment 1: Subarea 1



Summary for Subcatchment 2: Subarea 2

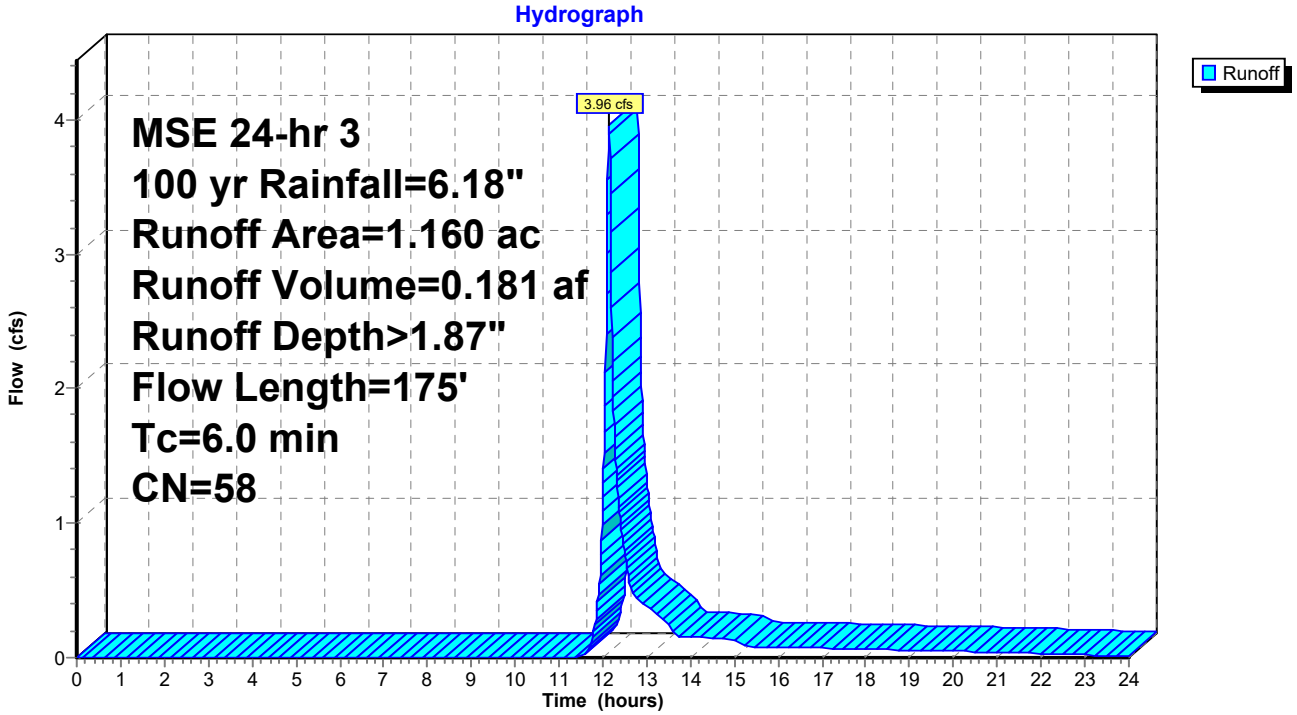
Runoff = 3.96 cfs @ 12.14 hrs, Volume= 0.181 af, Depth> 1.87"
Routed to Pond 2K : Kettle 2

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.610	55	woods
*	0.550	61	grassland
	1.160	58	Weighted Average
	1.160		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.6	50	0.0300	0.18		**Sheet Flow,** Range n= 0.130 P2= 2.70"
0.3	50	0.0300	2.79		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
0.2	75	0.1300	5.80		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
5.1	175	Total, Increased to minimum Tc = 6.0 min			

Subcatchment 2: Subarea 2



Summary for Subcatchment 3: Subarea 3

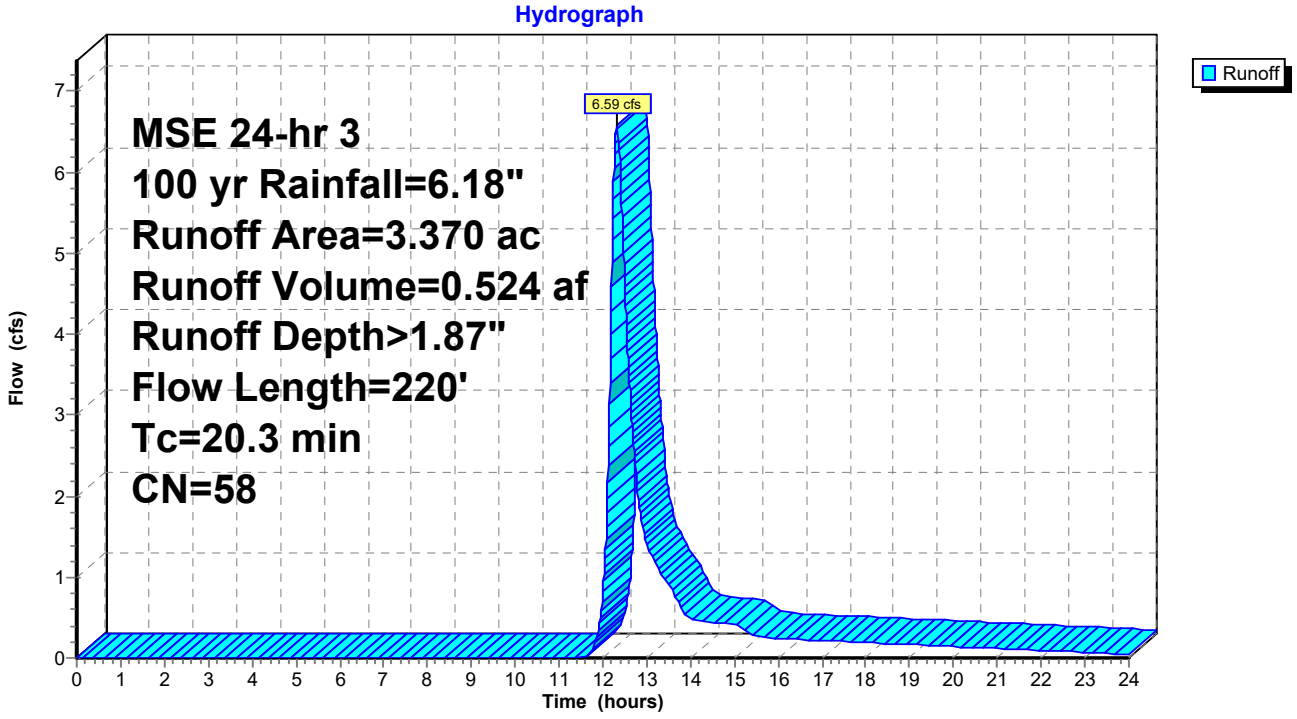
Runoff = 6.59 cfs @ 12.32 hrs, Volume= 0.524 af, Depth> 1.87"
Routed to Pond 3K : Kettle 3

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	2.240	55	woods
*	0.680	61	grassland
*	0.390	61	grass
*	0.060	98	impervious
	3.370	58	Weighted Average
	3.310		98.22% Pervious Area
	0.060		1.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
19.9	100	0.0300	0.08		**Sheet Flow,** Woods: Light underbrush n= 0.400 P2= 2.70"
0.4	120	0.0800	4.55		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
20.3	220	Total			

Subcatchment 3: Subarea 3



Summary for Subcatchment 4: Subarea 4

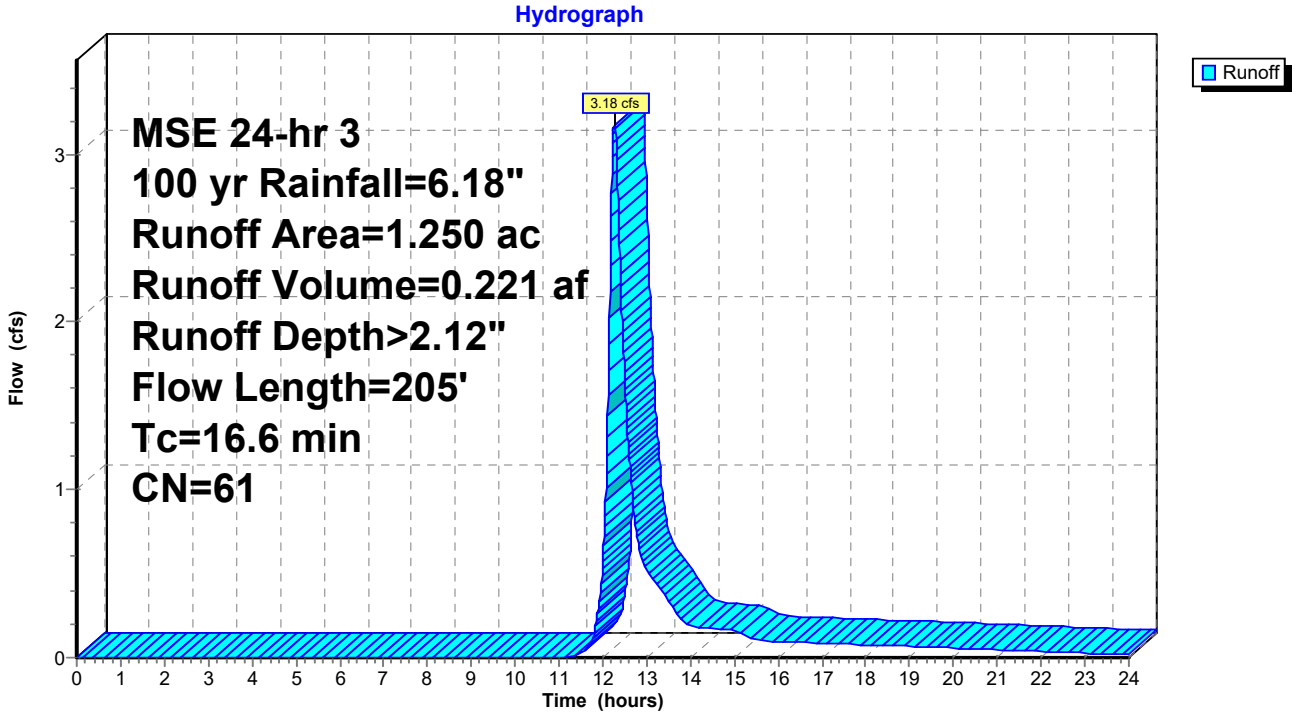
Runoff = 3.18 cfs @ 12.27 hrs, Volume= 0.221 af, Depth> 2.12"
Routed to Pond 4K : Kettle 4

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.800	55	woods
*	0.310	61	grass
*	0.140	98	impervious
	1.250	61	Weighted Average
	1.110		88.80% Pervious Area
	0.140		11.20% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
16.2	100	0.0500	0.10		**Sheet Flow,** Woods: Light underbrush n= 0.400 P2= 2.70"
0.3	55	0.0500	3.60		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
0.1	50	0.2200	7.55		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
16.6	205	Total			

Subcatchment 4: Subarea 4



Summary for Subcatchment 5: Subarea 5

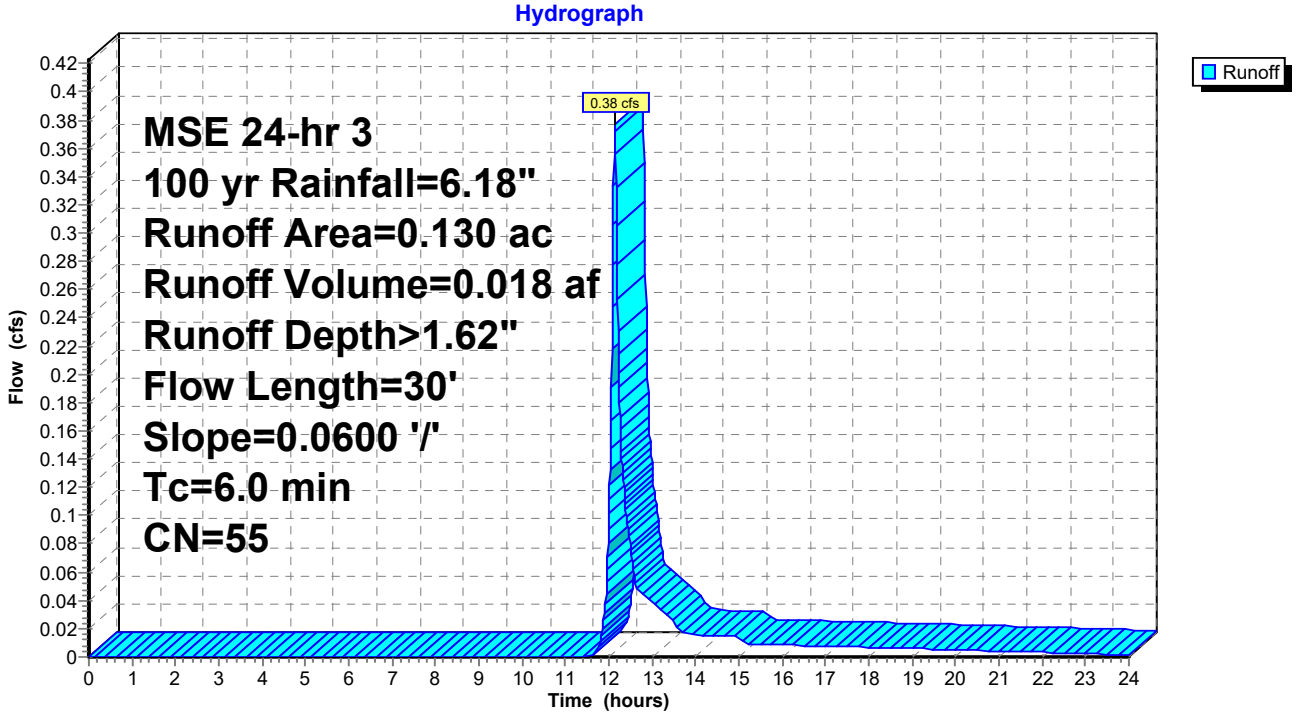
Runoff = 0.38 cfs @ 12.14 hrs, Volume= 0.018 af, Depth> 1.62"
Routed to Link 2L : East Link

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.130	55	woods
	0.130		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.7	30	0.0600	0.09		**Sheet Flow,** Woods: Light underbrush n= 0.400 P2= 2.70"
5.7	30	Total, Increased to minimum Tc = 6.0 min			

Subcatchment 5: Subarea 5



Summary for Subcatchment 6-New: Subarea 6 - New Development

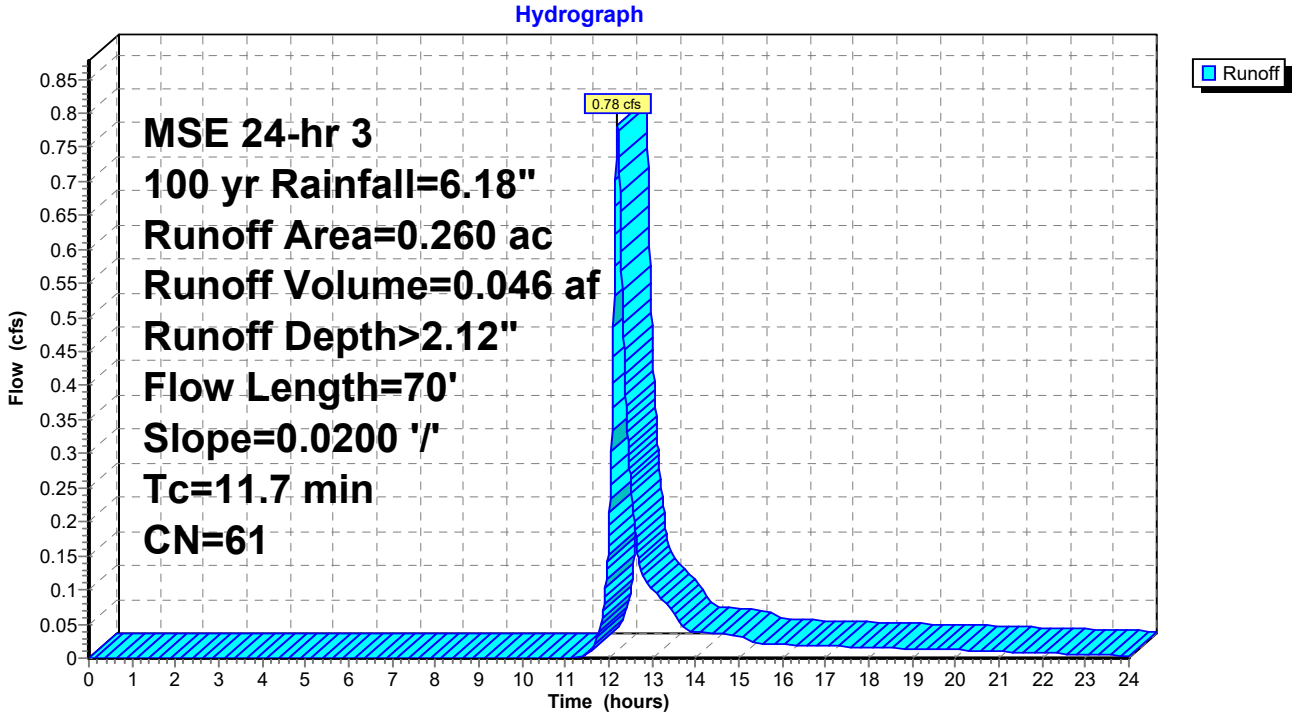
Runoff = 0.78 cfs @ 12.20 hrs, Volume= 0.046 af, Depth> 2.12"
Routed to Link 1a-L : West Link - New Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.260	61	grassland
	0.260		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.7	70	0.0200	0.10		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"

Subcatchment 6-New: Subarea 6 - New Development



Summary for Subcatchment 6-Redev: Subarea 6 - Redevelopment

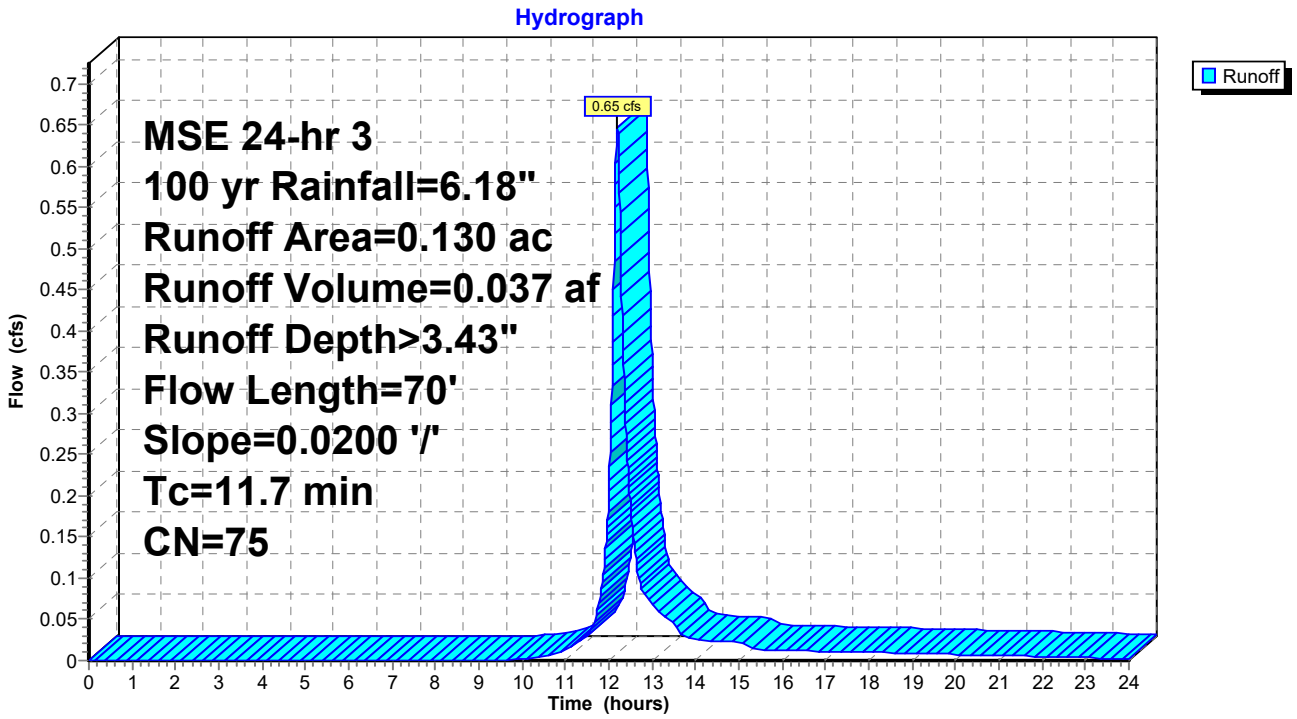
Runoff = 0.65 cfs @ 12.20 hrs, Volume= 0.037 af, Depth> 3.43"
Routed to Link 1b-L : West Link - Redevelopment & Undisturbed

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.080	61	grass
*	0.050	98	impervious
	0.130	75	Weighted Average
	0.080		61.54% Pervious Area
	0.050		38.46% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.7	70	0.0200	0.10		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"

Subcatchment 6-Redev: Subarea 6 - Redevelopment



Summary for Subcatchment 7-Dist: Subarea 7 - Disturbed

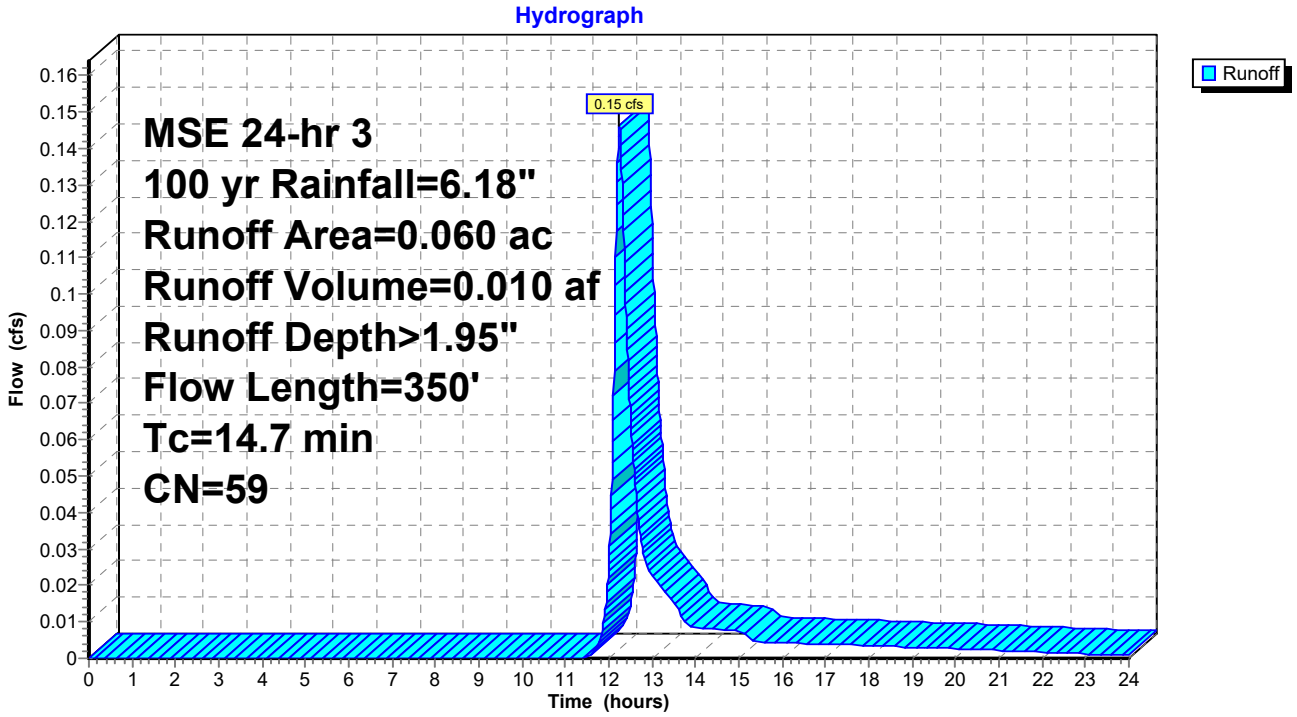
Runoff = 0.15 cfs @ 12.24 hrs, Volume= 0.010 af, Depth> 1.95"
Routed to Link 1a-L : West Link - New Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.020	55	woods
*	0.040	61	grassland
	0.060	59	Weighted Average
	0.060		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.3	75	0.0700	0.11		**Sheet Flow,** Woods: Light underbrush n= 0.400 P2= 2.70"
1.9	25	0.0700	0.22		**Sheet Flow,** Range n= 0.130 P2= 2.70"
0.4	85	0.0400	3.22		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
1.1	150	0.0200	2.28		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
0.0	15	0.2000	7.20		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
14.7	350	Total			

Subcatchment 7-Dist: Subarea 7 - Disturbed



Summary for Subcatchment 7-Undist: Subarea 7 - Undisturbed

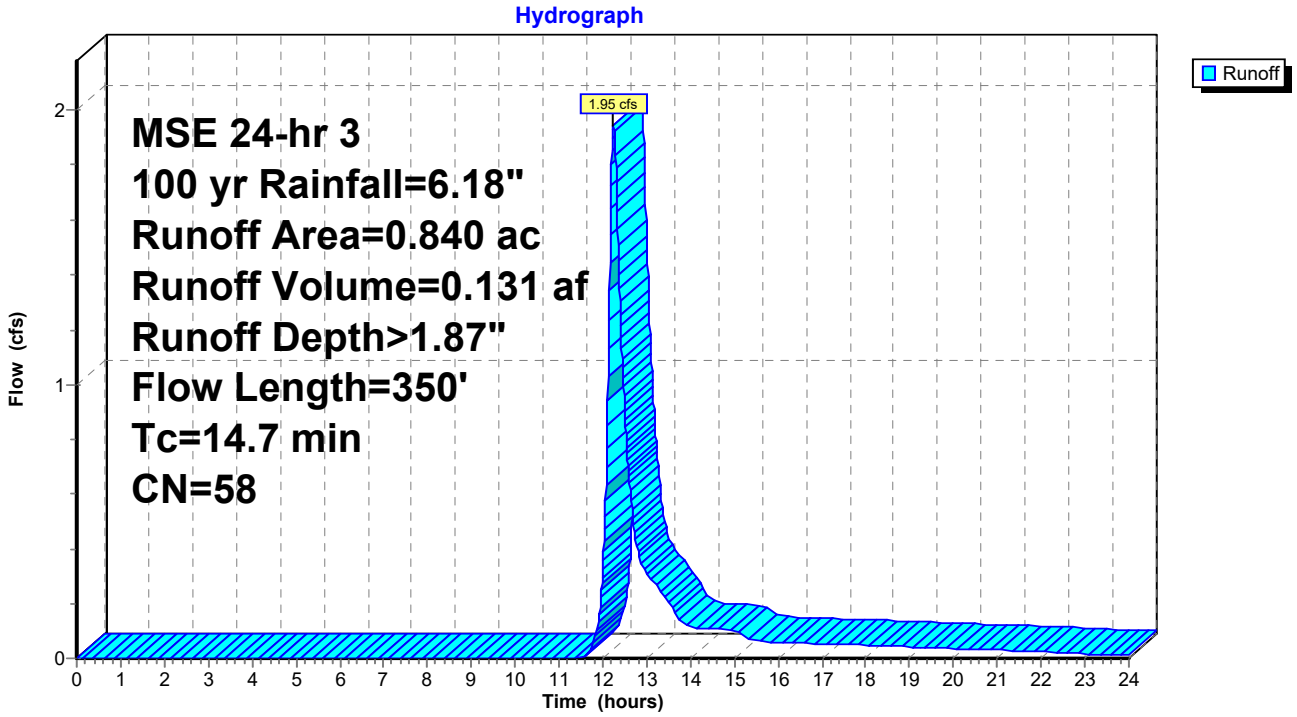
Runoff = 1.95 cfs @ 12.24 hrs, Volume= 0.131 af, Depth> 1.87"
Routed to Link 1b-L : West Link - Redevelopment & Undisturbed

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.360	55	woods
*	0.450	61	grassland
*	0.030	61	grass
	0.840	58	Weighted Average
	0.840		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.3	75	0.0700	0.11		**Sheet Flow,** Woods: Light underbrush n= 0.400 P2= 2.70"
1.9	25	0.0700	0.22		**Sheet Flow,** Range n= 0.130 P2= 2.70"
0.4	85	0.0400	3.22		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
1.1	150	0.0200	2.28		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
0.0	15	0.2000	7.20		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
14.7	350	Total			

Subcatchment 7-Undist: Subarea 7 - Undisturbed



Summary for Pond 1K: Kettle 1

Inflow Area = 1.840 ac, 0.00% Impervious, Inflow Depth > 1.87" for 100 yr event
Inflow = 5.04 cfs @ 12.19 hrs, Volume= 0.286 af
Outflow = 0.02 cfs @ 24.00 hrs, Volume= 0.014 af, Atten= 100%, Lag= 708.6 min
Discarded = 0.02 cfs @ 24.00 hrs, Volume= 0.014 af
Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
Routed to Link 1a-L : West Link - New Development

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,011.94' @ 24.00 hrs Surf.Area= 0.108 ac Storage= 0.272 af

Plug-Flow detention time= 390.9 min calculated for 0.014 af (5% of inflow)
Center-of-Mass det. time= 271.7 min (1,106.8 - 835.1)

Volume	Invert	Avail.Storage	Storage Description
#1	1,006.00'	0.995 af	**Custom Stage Data (Conic)** Listed below (Recalc)

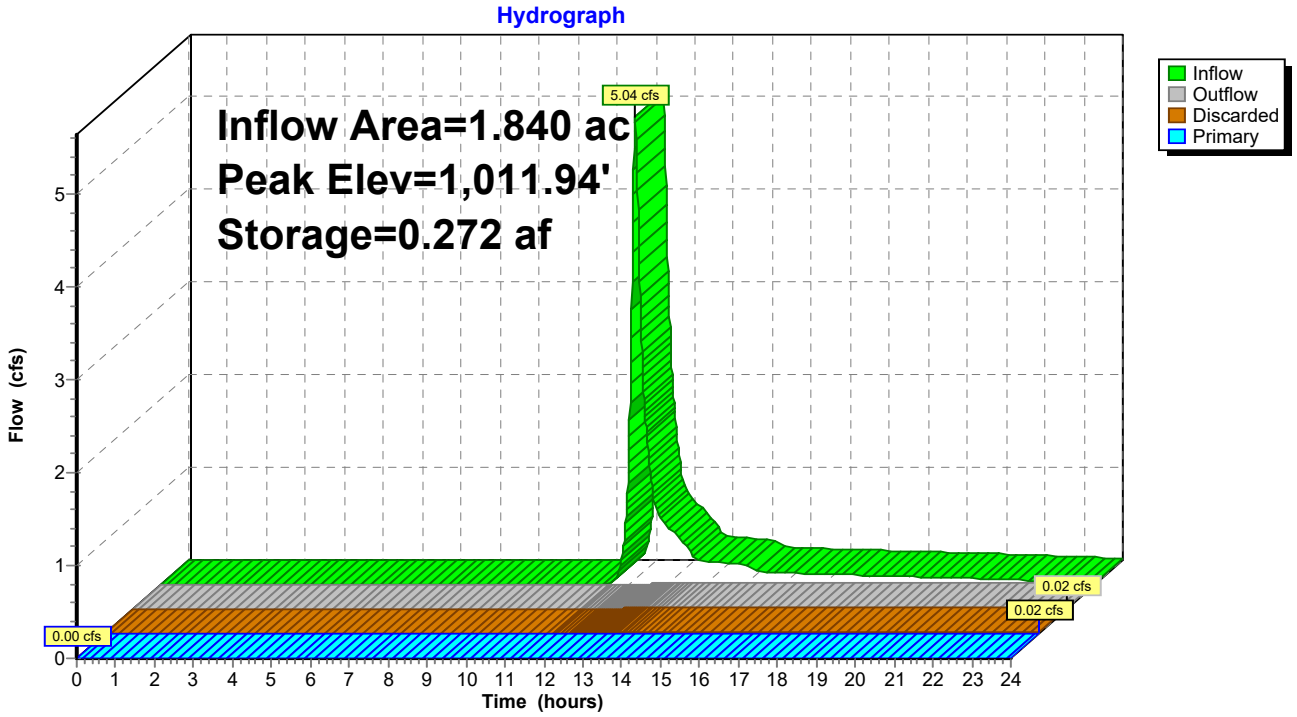
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,006.00	0.010	0.000	0.000	0.010
1,007.00	0.020	0.015	0.015	0.020
1,008.00	0.030	0.025	0.040	0.031
1,009.00	0.040	0.035	0.074	0.041
1,010.00	0.050	0.045	0.119	0.052
1,011.00	0.080	0.064	0.184	0.082
1,012.00	0.110	0.095	0.278	0.112
1,013.00	0.150	0.129	0.408	0.153
1,014.00	0.280	0.212	0.619	0.283
1,015.00	0.480	0.376	0.995	0.483

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,006.00'	**0.110 in/hr Exfiltration over Wetted area** Conductivity to Groundwater Elevation = 1,000.00' Phase-In= 0.01'
#2	Primary	1,013.39'	**15.0" Round Culvert** L= 190.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,013.39' / 1,011.49' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf

Discarded OutFlow Max=0.02 cfs @ 24.00 hrs HW=1,011.94' (Free Discharge)
↑—**1=Exfiltration** (Controls 0.02 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=1,006.00' TW=0.00' (Dynamic Tailwater)
↑—**2=Culvert** (Controls 0.00 cfs)

Pond 1K: Kettle 1



Summary for Pond 2K: Kettle 2

Inflow Area = 1.160 ac, 0.00% Impervious, Inflow Depth > 1.87" for 100 yr event
Inflow = 3.96 cfs @ 12.14 hrs, Volume= 0.181 af
Outflow = 0.03 cfs @ 22.50 hrs, Volume= 0.024 af, Atten= 99%, Lag= 621.6 min
Discarded = 0.03 cfs @ 22.50 hrs, Volume= 0.024 af
Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
Routed to Link 2L : East Link

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,012.04' @ 22.50 hrs Surf.Area= 0.091 ac Storage= 0.157 af

Plug-Flow detention time= 376.8 min calculated for 0.024 af (13% of inflow)
Center-of-Mass det. time= 264.4 min (1,095.7 - 831.2)

Volume	Invert	Avail.Storage	Storage Description
#1	1,009.00'	0.258 af	**Custom Stage Data (Conic)** Listed below (Recalc)

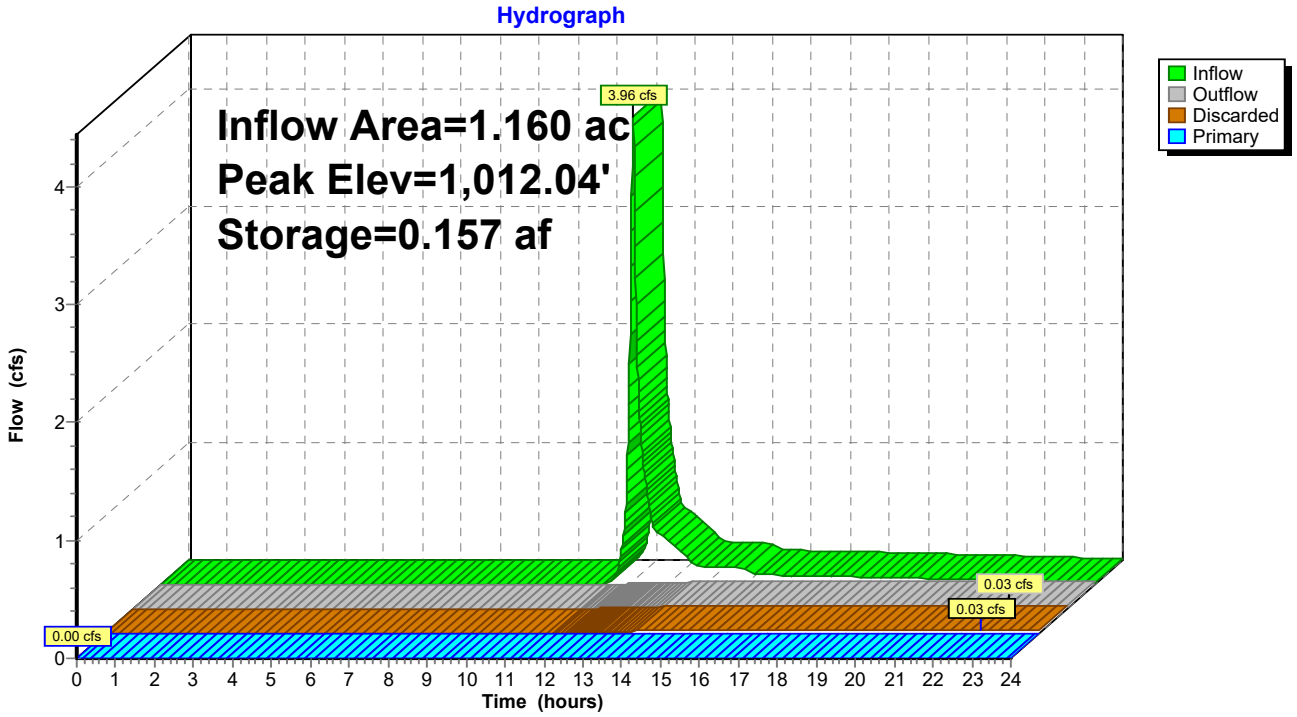
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,009.00	0.020	0.000	0.000	0.020
1,010.00	0.040	0.029	0.029	0.040
1,011.00	0.060	0.050	0.079	0.061
1,012.00	0.090	0.074	0.154	0.091
1,013.00	0.120	0.105	0.258	0.121

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,009.00'	**0.240 in/hr Exfiltration over Wetted area** Conductivity to Groundwater Elevation = 1,000.00' Phase-In= 0.01'
#2	Primary	1,012.50'	**35.0' long x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Discarded OutFlow Max=0.03 cfs @ 22.50 hrs HW=1,012.04' (Free Discharge)
1=Exfiltration (Controls 0.03 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=1,009.00' TW=0.00' (Dynamic Tailwater)
2=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

Pond 2K: Kettle 2



Summary for Pond 3K: Kettle 3

Inflow Area = 3.370 ac, 1.78% Impervious, Inflow Depth > 1.87" for 100 yr event
Inflow = 6.59 cfs @ 12.32 hrs, Volume= 0.524 af
Outflow = 0.27 cfs @ 15.44 hrs, Volume= 0.152 af, Atten= 96%, Lag= 187.2 min
Discarded = 0.06 cfs @ 15.44 hrs, Volume= 0.060 af
Primary = 0.21 cfs @ 15.44 hrs, Volume= 0.092 af
Routed to Pond 4K : Kettle 4

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,012.54' @ 15.44 hrs Surf.Area= 0.528 ac Storage= 0.390 af

Plug-Flow detention time= 350.9 min calculated for 0.152 af (29% of inflow)
Center-of-Mass det. time= 242.1 min (1,085.8 - 843.6)

Volume	Invert	Avail.Storage	Storage Description
#1	1,011.00'	1.428 af	**Custom Stage Data (Conic)** Listed below (Recalc)

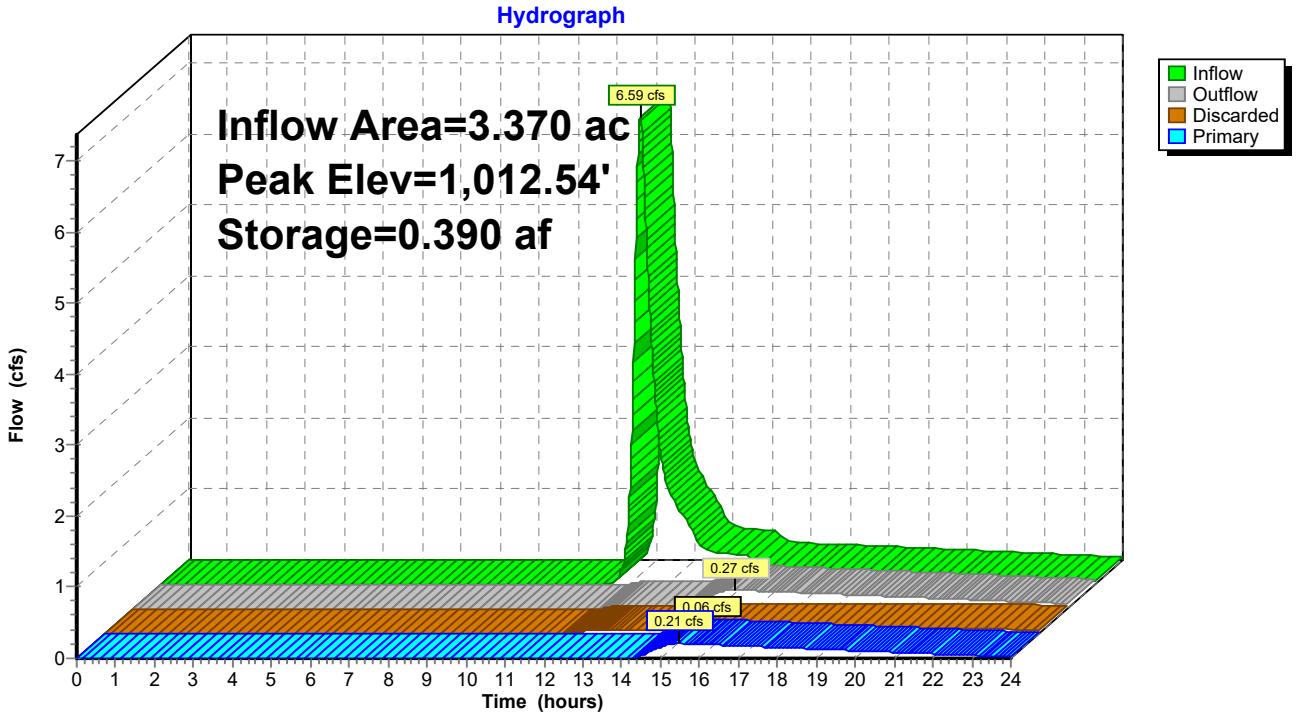
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,011.00	0.000	0.000	0.000	0.000
1,012.00	0.410	0.137	0.137	0.410
1,013.00	0.640	0.521	0.657	0.640
1,014.00	0.910	0.771	1.428	0.911

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,011.00'	**0.110 in/hr Exfiltration over Wetted area** Conductivity to Groundwater Elevation = 1,001.00' Phase-In= 0.01'
#2	Primary	1,012.50'	**10.0' long x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Discarded OutFlow Max=0.06 cfs @ 15.44 hrs HW=1,012.54' (Free Discharge)
↑—**1=Exfiltration** (Controls 0.06 cfs)

Primary OutFlow Max=0.21 cfs @ 15.44 hrs HW=1,012.54' TW=1,007.03' (Dynamic Tailwater)
↑—**2=Broad-Crested Rectangular Weir** (Weir Controls 0.21 cfs @ 0.51 fps)

Pond 3K: Kettle 3



Summary for Pond 4K: Kettle 4

Inflow Area = 4.620 ac, 4.33% Impervious, Inflow Depth > 0.81" for 100 yr event
Inflow = 3.18 cfs @ 12.27 hrs, Volume= 0.313 af
Outflow = 0.14 cfs @ 20.87 hrs, Volume= 0.046 af, Atten= 96%, Lag= 516.5 min
Discarded = 0.02 cfs @ 20.87 hrs, Volume= 0.020 af
Primary = 0.11 cfs @ 20.87 hrs, Volume= 0.026 af
Routed to Link 2L : East Link

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,007.53' @ 20.87 hrs Surf.Area= 0.185 ac Storage= 0.270 af

Plug-Flow detention time= 488.2 min calculated for 0.046 af (15% of inflow)
Center-of-Mass det. time= 307.9 min (1,215.4 - 907.5)

Volume	Invert	Avail.Storage	Storage Description
#1	1,005.00'	0.366 af	**Custom Stage Data (Conic)** Listed below (Recalc)

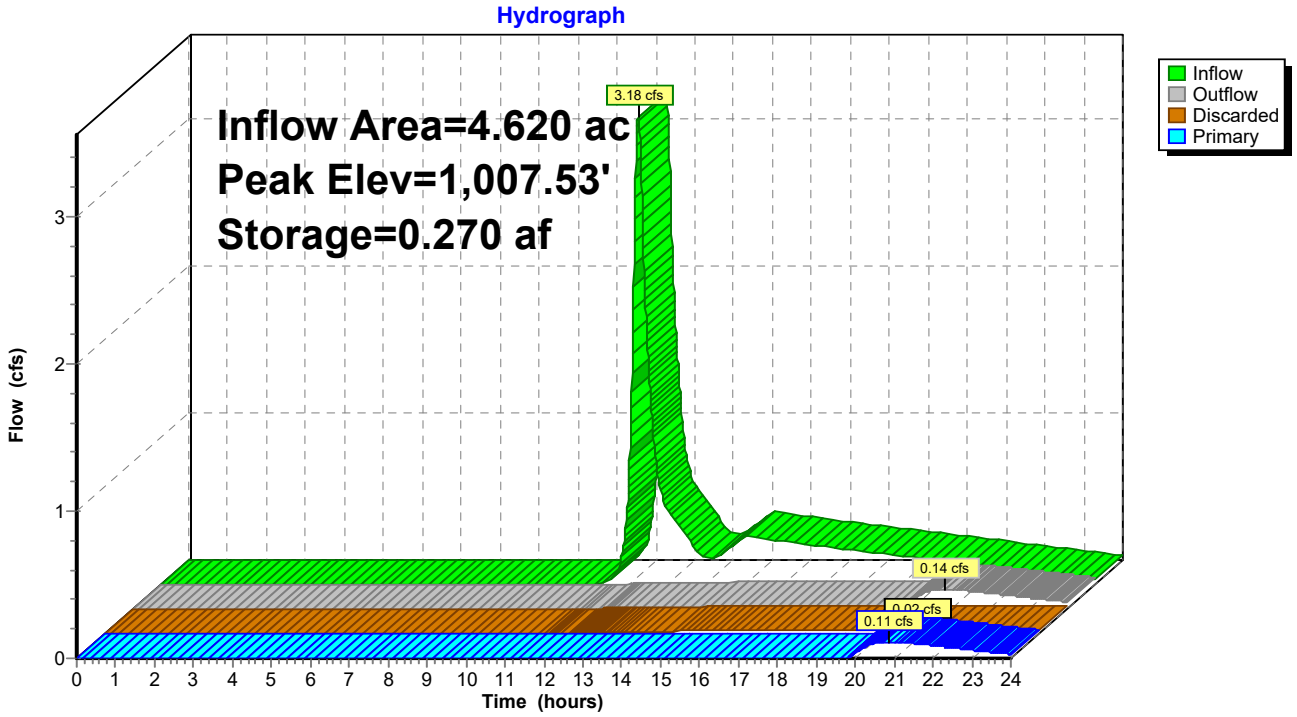
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,005.00	0.040	0.000	0.000	0.040
1,006.00	0.090	0.063	0.063	0.090
1,007.00	0.150	0.119	0.182	0.150
1,008.00	0.220	0.184	0.366	0.221

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,005.00'	**0.110 in/hr Exfiltration over Wetted area** Conductivity to Groundwater Elevation = 995.00' Phase-In= 0.01'
#2	Primary	1,007.50'	**10.0' long x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Discarded OutFlow Max=0.02 cfs @ 20.87 hrs HW=1,007.53' (Free Discharge)
↑—**1=Exfiltration** (Controls 0.02 cfs)

Primary OutFlow Max=0.11 cfs @ 20.87 hrs HW=1,007.53' TW=0.00' (Dynamic Tailwater)
↑—**2=Broad-Crested Rectangular Weir** (Weir Controls 0.11 cfs @ 0.41 fps)

Pond 4K: Kettle 4

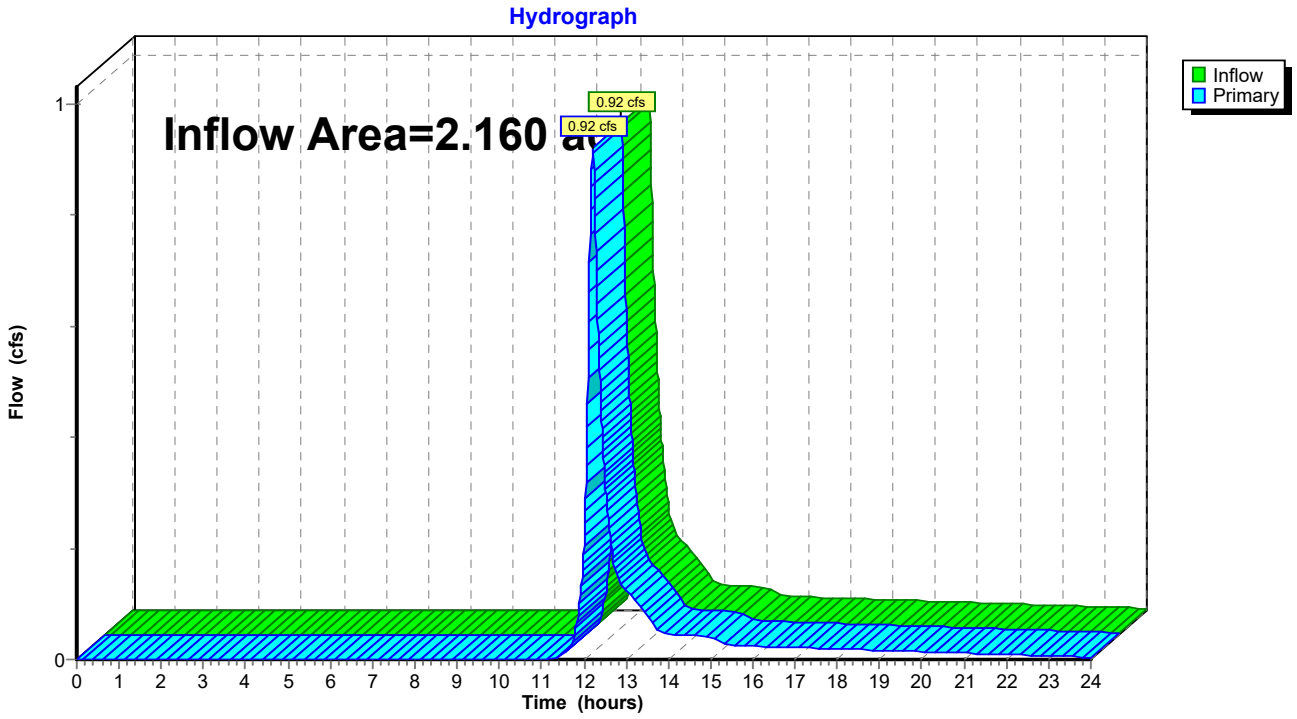


Summary for Link 1a-L: West Link - New Development

Inflow Area = 2.160 ac, 0.00% Impervious, Inflow Depth > 0.31" for 100 yr event
Inflow = 0.92 cfs @ 12.21 hrs, Volume= 0.056 af
Primary = 0.92 cfs @ 12.21 hrs, Volume= 0.056 af, Atten= 0%, Lag= 0.0 min
Routed to Link 1L : West Link

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs

Link 1a-L: West Link - New Development

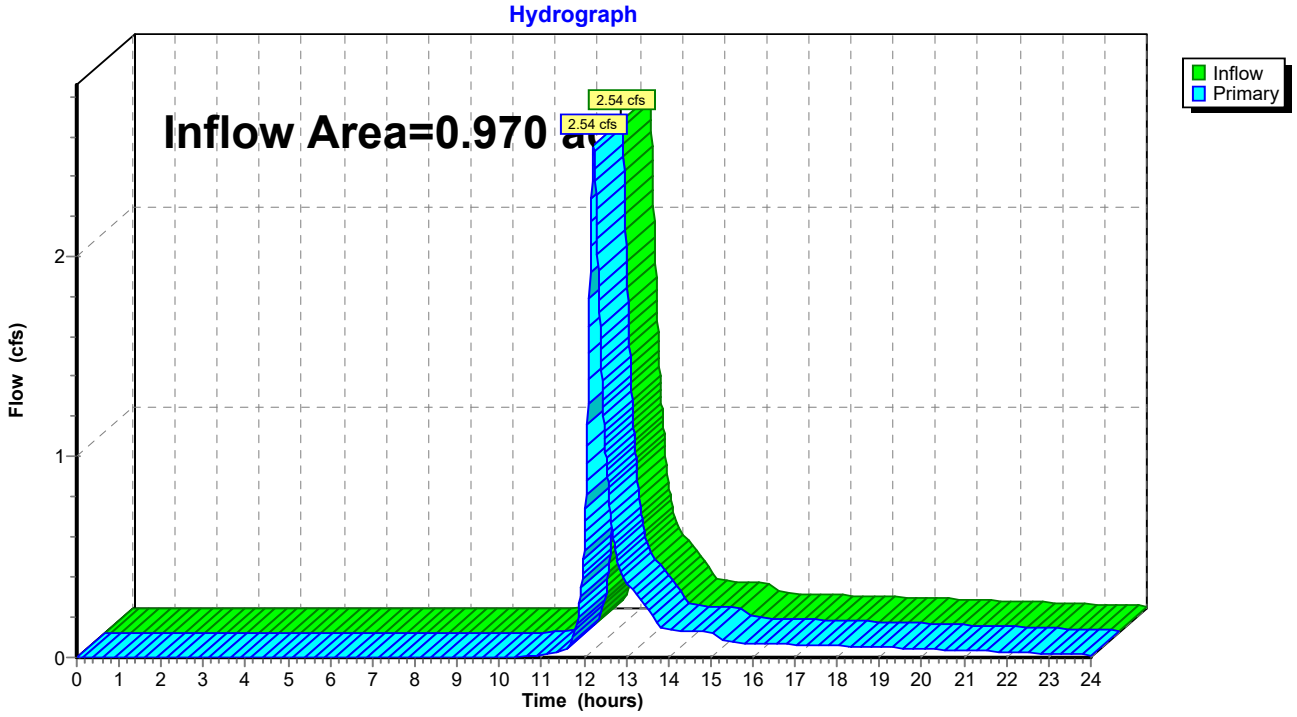


Summary for Link 1b-L: West Link - Redevelopment & Undisturbed

Inflow Area = 0.970 ac, 5.15% Impervious, Inflow Depth > 2.08" for 100 yr event
Inflow = 2.54 cfs @ 12.23 hrs, Volume= 0.168 af
Primary = 2.54 cfs @ 12.23 hrs, Volume= 0.168 af, Atten= 0%, Lag= 0.0 min
Routed to Link 1L : West Link

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs

Link 1b-L: West Link - Redevelopment & Undisturbed

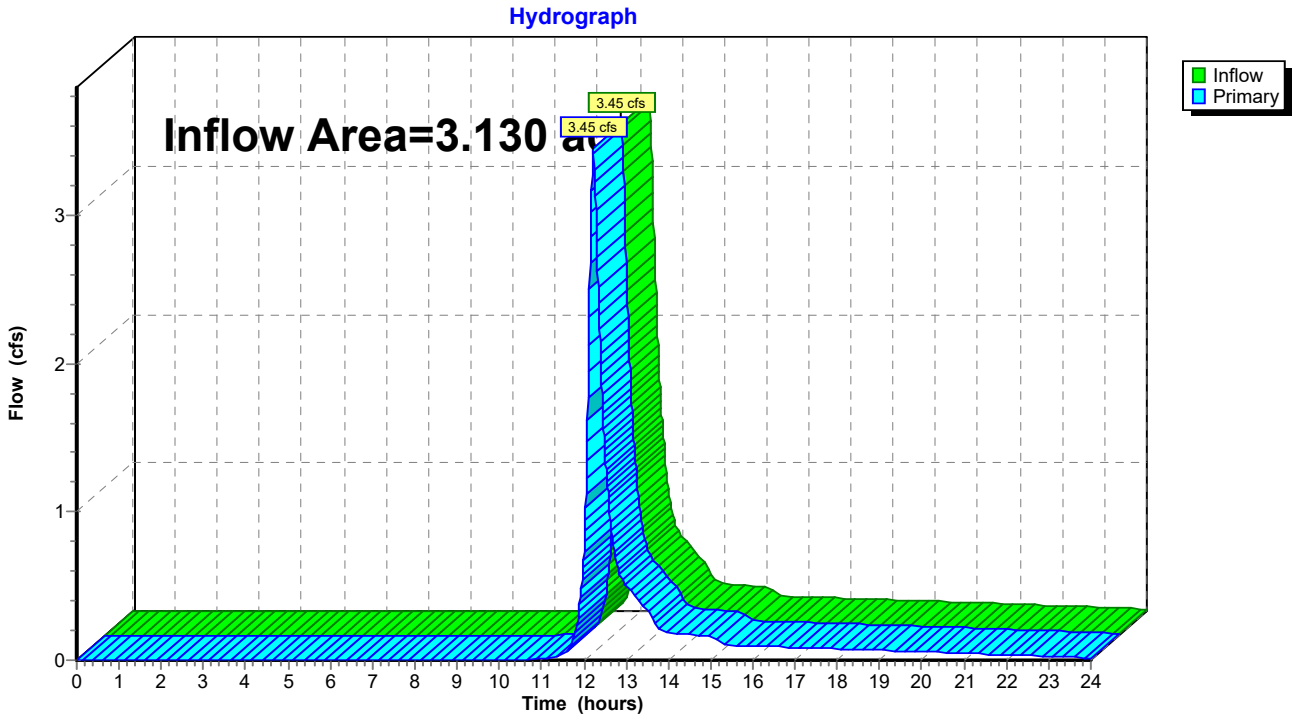


Summary for Link 1L: West Link

Inflow Area = 3.130 ac, 1.60% Impervious, Inflow Depth > 0.86" for 100 yr event
Inflow = 3.45 cfs @ 12.23 hrs, Volume= 0.224 af
Primary = 3.45 cfs @ 12.23 hrs, Volume= 0.224 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs

Link 1L: West Link

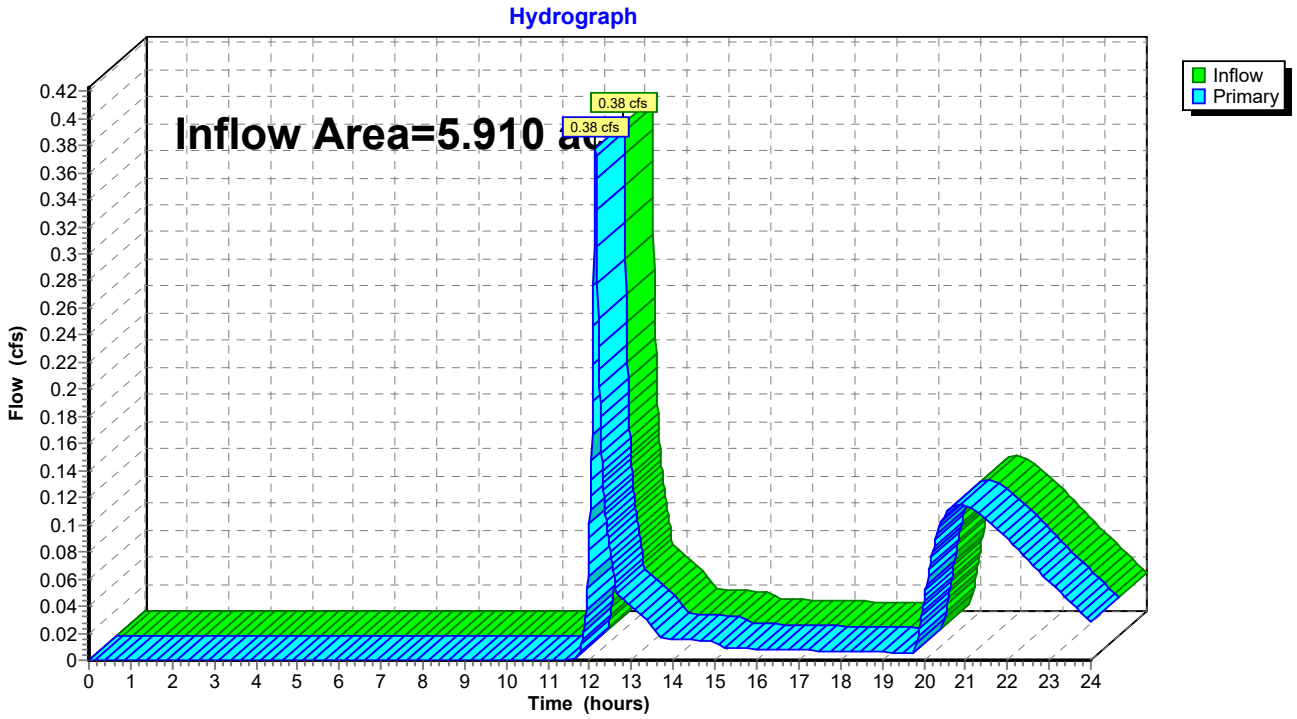


Summary for Link 2L: East Link

Inflow Area = 5.910 ac, 3.38% Impervious, Inflow Depth > 0.09" for 100 yr event
Inflow = 0.38 cfs @ 12.14 hrs, Volume= 0.043 af
Primary = 0.38 cfs @ 12.14 hrs, Volume= 0.043 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs

Link 2L: East Link



Events for Subcatchment 1: Subarea 1

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.08	0.017	0.11
2 yr	2.70	0.19	0.028	0.18
10 yr	3.81	1.23	0.089	0.58
100 yr	**6.18**	**5.04**	**0.286**	**1.87**

Events for Subcatchment 2: Subarea 2

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.05	0.011	0.11
2 yr	2.70	0.13	0.018	0.18
10 yr	3.81	1.01	0.056	0.58
100 yr	**6.18**	**3.96**	**0.181**	**1.87**

Events for Subcatchment 3: Subarea 3

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.13	0.031	0.11
2 yr	2.70	0.29	0.052	0.18
10 yr	3.81	1.60	0.163	0.58
100 yr	**6.18**	**6.59**	**0.524**	**1.87**

Events for Subcatchment 4: Subarea 4

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.10	0.017	0.17
2 yr	2.70	0.21	0.027	0.26
10 yr	3.81	0.90	0.075	0.72
100 yr	**6.18**	**3.18**	**0.221**	**2.12**

Events for Subcatchment 5: Subarea 5

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.00	0.001	0.07
2 yr	2.70	0.01	0.001	0.12
10 yr	3.81	0.08	0.005	0.46
100 yr	**6.18**	**0.38**	**0.018**	**1.62**

Events for Subcatchment 6-New: Subarea 6 - New Development

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.02	0.004	0.17
2 yr	2.70	0.05	0.006	0.26
10 yr	3.81	0.23	0.016	0.72
100 yr	**6.18**	**0.78**	**0.046**	**2.12**

Events for Subcatchment 6-Redev: Subarea 6 - Redevelopment

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.10	0.006	0.59
2 yr	2.70	0.14	0.008	0.77
10 yr	3.81	0.29	0.017	1.52
100 yr	**6.18**	**0.65**	**0.037**	**3.43**

Events for Subcatchment 7-Dist: Subarea 7 - Disturbed

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.00	0.001	0.13
2 yr	2.70	0.01	0.001	0.21
10 yr	3.81	0.04	0.003	0.62
100 yr	**6.18**	**0.15**	**0.010**	**1.95**

Events for Subcatchment 7-Undist: Subarea 7 - Undisturbed

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.03	0.008	0.11
2 yr	2.70	0.08	0.013	0.18
10 yr	3.81	0.47	0.041	0.58
100 yr	**6.18**	**1.95**	**0.131**	**1.87**

Events for Pond 1K: Kettle 1

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	0.08	0.00	0.00	**0.00**	1,007.00	0.015
2 yr	0.19	0.00	0.00	0.00	1,007.48	0.025
10 yr	1.23	0.01	0.01	0.00	1,009.22	0.084
100 yr	**5.04**	**0.02**	**0.02**	0.00	**1,011.94**	**0.272**

Events for Pond 2K: Kettle 2

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	0.05	0.01	0.01	**0.00**	1,009.25	0.006
2 yr	0.13	0.01	0.01	0.00	1,009.48	0.012
10 yr	1.01	0.01	0.01	0.00	1,010.36	0.045
100 yr	**3.96**	**0.03**	**0.03**	0.00	**1,012.04**	**0.157**

Events for Pond 3K: Kettle 3

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	0.13	0.01	0.01	0.00	1,011.53	0.021
2 yr	0.29	0.02	0.02	0.00	1,011.64	0.036
10 yr	1.60	0.04	0.04	0.00	1,011.97	0.126
100 yr	**6.59**	**0.27**	**0.06**	**0.21**	**1,012.54**	**0.390**

Events for Pond 4K: Kettle 4

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	0.10	0.01	0.01	0.00	1,005.27	0.012
2 yr	0.21	0.01	0.01	0.00	1,005.42	0.021
10 yr	0.90	0.01	0.01	0.00	1,006.02	0.065
100 yr	**3.18**	**0.14**	**0.02**	**0.11**	**1,007.53**	**0.270**

Events for Link 1a-L: West Link - New Development

Event	Inflow (cfs)	Primary (cfs)	Elevation (feet)
1 yr	0.03	0.03	**0.00**
2 yr	0.06	0.06	0.00
10 yr	0.26	0.26	0.00
100 yr	**0.92**	**0.92**	0.00

Events for Link 1b-L: West Link - Redevelopment & Undisturbed

Event	Inflow (cfs)	Primary (cfs)	Elevation (feet)
1 yr	0.11	0.11	**0.00**
2 yr	0.18	0.18	0.00
10 yr	0.72	0.72	0.00
100 yr	**2.54**	**2.54**	0.00

Events for Link 1L: West Link

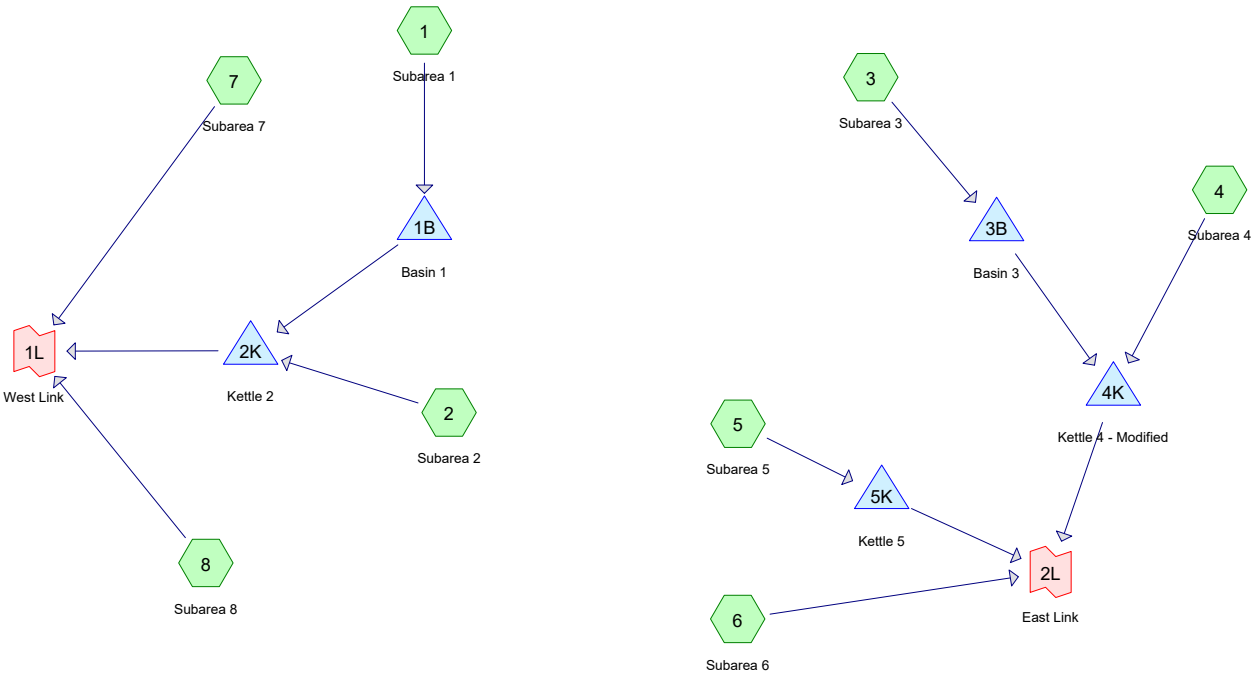
Event	Inflow (cfs)	Primary (cfs)	Elevation (feet)
1 yr	0.13	0.13	**0.00**
2 yr	0.23	0.23	0.00
10 yr	0.97	0.97	0.00
100 yr	**3.45**	**3.45**	0.00

Events for Link 2L: East Link

Event	Inflow (cfs)	Primary (cfs)	Elevation (feet)
1 yr	0.00	0.00	**0.00**
2 yr	0.01	0.01	0.00
10 yr	0.08	0.08	0.00
100 yr	**0.38**	**0.38**	0.00

APPENDIX B

Post-Development Hydrologic Analysis



Subcat Reach Pond Link

Routing Diagram for Proposed_005
Prepared by Sound Stormwater Design, Printed 8/12/2024
HydroCAD® 10.20-4b s/n 11025 © 2023 HydroCAD Software Solutions LLC

Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	1 yr	MSE 24-hr	3	Default	24.00	1	2.40	2
2	2 yr	MSE 24-hr	3	Default	24.00	1	2.70	2
3	10 yr	MSE 24-hr	3	Default	24.00	1	3.81	2
4	100 yr	MSE 24-hr	3	Default	24.00	1	6.18	2

Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
2.960	61	grass (1, 2, 3, 4, 7, 8)
0.450	61	grassland (8)
3.380	98	impervious (1, 2, 3, 4, 7, 8)
0.360	61	meadow (2, 3, 5)
1.890	55	woods (2, 4, 5, 6, 8)
9.040	**74**	**TOTAL AREA**

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.320 ac 55.30% Impervious Runoff Depth>0.87"
Tc=6.0 min CN=81 Runoff=2.14 cfs 0.096 af

Subcatchment2: Subarea 2 Runoff Area=3.250 ac 49.85% Impervious Runoff Depth>0.72"
Flow Length=160' Tc=13.3 min CN=78 Runoff=3.07 cfs 0.196 af

Subcatchment3: Subarea 3 Runoff Area=1.950 ac 40.00% Impervious Runoff Depth>0.63"
Flow Length=450' Tc=12.5 min CN=76 Runoff=1.62 cfs 0.103 af

Subcatchment4: Subarea 4 Runoff Area=1.010 ac 16.83% Impervious Runoff Depth>0.24"
Flow Length=185' Tc=13.3 min CN=64 Runoff=0.17 cfs 0.020 af

Subcatchment5: Subarea 5 Runoff Area=0.380 ac 0.00% Impervious Runoff Depth>0.11"
Tc=6.0 min CN=58 Runoff=0.02 cfs 0.003 af

Subcatchment6: Subarea 6 Runoff Area=0.020 ac 0.00% Impervious Runoff Depth>0.07"
Tc=6.0 min CN=55 Runoff=0.00 cfs 0.000 af

Subcatchment7: Subarea 7 Runoff Area=0.210 ac 9.52% Impervious Runoff Depth>0.26"
Tc=6.0 min CN=65 Runoff=0.06 cfs 0.005 af

Subcatchment8: Subarea 8 Runoff Area=0.900 ac 6.67% Impervious Runoff Depth>0.17"
Flow Length=385' Tc=16.9 min CN=61 Runoff=0.08 cfs 0.013 af

Pond 1B: Basin 1 Peak Elev=1,016.99' Storage=0.036 af Inflow=2.14 cfs 0.096 af
Discarded=0.25 cfs 0.096 af Primary=0.00 cfs 0.000 af Outflow=0.25 cfs 0.096 af

Pond 2K: Kettle 2 Peak Elev=1,011.02' Storage=0.185 af Inflow=3.07 cfs 0.196 af
Discarded=0.01 cfs 0.010 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.010 af

Pond 3B: Basin 3 Peak Elev=1,006.11' Storage=0.010 af Inflow=1.62 cfs 0.103 af
Discarded=0.00 cfs 0.001 af Primary=1.29 cfs 0.099 af Outflow=1.29 cfs 0.100 af

Pond 4K: Kettle 4 - Modified Peak Elev=1,004.05' Storage=0.105 af Inflow=1.47 cfs 0.118 af
Discarded=0.01 cfs 0.013 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.013 af

Pond 5K: Kettle 5 Peak Elev=1,009.04' Storage=0.001 af Inflow=0.02 cfs 0.003 af
Discarded=0.01 cfs 0.003 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.003 af

Link 1L: West Link Inflow=0.10 cfs 0.017 af
Primary=0.10 cfs 0.017 af

Link 2L: East Link Inflow=0.00 cfs 0.000 af
Primary=0.00 cfs 0.000 af

Total Runoff Area = 9.040 ac Runoff Volume = 0.435 af Average Runoff Depth = 0.58"
62.61% Pervious = 5.660 ac 37.39% Impervious = 3.380 ac

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.320 ac 55.30% Impervious Runoff Depth>1.09"
Tc=6.0 min CN=81 Runoff=2.68 cfs 0.120 af

Subcatchment2: Subarea 2 Runoff Area=3.250 ac 49.85% Impervious Runoff Depth>0.92"
Flow Length=160' Tc=13.3 min CN=78 Runoff=3.99 cfs 0.249 af

Subcatchment3: Subarea 3 Runoff Area=1.950 ac 40.00% Impervious Runoff Depth>0.82"
Flow Length=450' Tc=12.5 min CN=76 Runoff=2.15 cfs 0.133 af

Subcatchment4: Subarea 4 Runoff Area=1.010 ac 16.83% Impervious Runoff Depth>0.34"
Flow Length=185' Tc=13.3 min CN=64 Runoff=0.32 cfs 0.029 af

Subcatchment5: Subarea 5 Runoff Area=0.380 ac 0.00% Impervious Runoff Depth>0.18"
Tc=6.0 min CN=58 Runoff=0.04 cfs 0.006 af

Subcatchment6: Subarea 6 Runoff Area=0.020 ac 0.00% Impervious Runoff Depth>0.12"
Tc=6.0 min CN=55 Runoff=0.00 cfs 0.000 af

Subcatchment7: Subarea 7 Runoff Area=0.210 ac 9.52% Impervious Runoff Depth>0.38"
Tc=6.0 min CN=65 Runoff=0.11 cfs 0.007 af

Subcatchment8: Subarea 8 Runoff Area=0.900 ac 6.67% Impervious Runoff Depth>0.26"
Flow Length=385' Tc=16.9 min CN=61 Runoff=0.15 cfs 0.019 af

Pond 1B: Basin 1 Peak Elev=1,017.18' Storage=0.047 af Inflow=2.68 cfs 0.120 af
Discarded=0.26 cfs 0.113 af Primary=0.09 cfs 0.006 af Outflow=0.35 cfs 0.120 af

Pond 2K: Kettle 2 Peak Elev=1,011.65' Storage=0.242 af Inflow=3.99 cfs 0.255 af
Discarded=0.01 cfs 0.013 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.013 af

Pond 3B: Basin 3 Peak Elev=1,006.57' Storage=0.016 af Inflow=2.15 cfs 0.133 af
Discarded=0.00 cfs 0.001 af Primary=1.44 cfs 0.127 af Outflow=1.44 cfs 0.129 af

Pond 4K: Kettle 4 - Modified Peak Elev=1,004.37' Storage=0.142 af Inflow=1.74 cfs 0.156 af
Discarded=0.02 cfs 0.014 af Primary=0.00 cfs 0.000 af Outflow=0.02 cfs 0.014 af

Pond 5K: Kettle 5 Peak Elev=1,009.11' Storage=0.002 af Inflow=0.04 cfs 0.006 af
Discarded=0.01 cfs 0.005 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.005 af

Link 1L: West Link Inflow=0.20 cfs 0.026 af
Primary=0.20 cfs 0.026 af

Link 2L: East Link Inflow=0.00 cfs 0.000 af
Primary=0.00 cfs 0.000 af

Total Runoff Area = 9.040 ac Runoff Volume = 0.562 af Average Runoff Depth = 0.75"
62.61% Pervious = 5.660 ac 37.39% Impervious = 3.380 ac

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.320 ac 55.30% Impervious Runoff Depth>1.96"
Tc=6.0 min CN=81 Runoff=4.82 cfs 0.216 af

Subcatchment2: Subarea 2 Runoff Area=3.250 ac 49.85% Impervious Runoff Depth>1.74"
Flow Length=160' Tc=13.3 min CN=78 Runoff=7.73 cfs 0.470 af

Subcatchment3: Subarea 3 Runoff Area=1.950 ac 40.00% Impervious Runoff Depth>1.59"
Flow Length=450' Tc=12.5 min CN=76 Runoff=4.37 cfs 0.259 af

Subcatchment4: Subarea 4 Runoff Area=1.010 ac 16.83% Impervious Runoff Depth>0.87"
Flow Length=185' Tc=13.3 min CN=64 Runoff=1.07 cfs 0.073 af

Subcatchment5: Subarea 5 Runoff Area=0.380 ac 0.00% Impervious Runoff Depth>0.58"
Tc=6.0 min CN=58 Runoff=0.33 cfs 0.018 af

Subcatchment6: Subarea 6 Runoff Area=0.020 ac 0.00% Impervious Runoff Depth>0.46"
Tc=6.0 min CN=55 Runoff=0.01 cfs 0.001 af

Subcatchment7: Subarea 7 Runoff Area=0.210 ac 9.52% Impervious Runoff Depth>0.92"
Tc=6.0 min CN=65 Runoff=0.34 cfs 0.016 af

Subcatchment8: Subarea 8 Runoff Area=0.900 ac 6.67% Impervious Runoff Depth>0.72"
Flow Length=385' Tc=16.9 min CN=61 Runoff=0.65 cfs 0.054 af

Pond 1B: Basin 1 Peak Elev=1,017.74' Storage=0.083 af Inflow=4.82 cfs 0.216 af
Discarded=0.28 cfs 0.152 af Primary=0.66 cfs 0.064 af Outflow=0.94 cfs 0.216 af

Pond 2K: Kettle 2 Peak Elev=1,013.51' Storage=0.500 af Inflow=8.27 cfs 0.534 af
Discarded=0.03 cfs 0.027 af Primary=0.02 cfs 0.008 af Outflow=0.05 cfs 0.035 af

Pond 3B: Basin 3 Peak Elev=1,008.03' Storage=0.049 af Inflow=4.37 cfs 0.259 af
Discarded=0.00 cfs 0.002 af Primary=2.79 cfs 0.250 af Outflow=2.79 cfs 0.251 af

Pond 4K: Kettle 4 - Modified Peak Elev=1,005.53' Storage=0.302 af Inflow=3.60 cfs 0.322 af
Discarded=0.02 cfs 0.020 af Primary=0.00 cfs 0.000 af Outflow=0.02 cfs 0.020 af

Pond 5K: Kettle 5 Peak Elev=1,009.50' Storage=0.012 af Inflow=0.33 cfs 0.018 af
Discarded=0.01 cfs 0.007 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.007 af

Link 1L: West Link Inflow=0.78 cfs 0.078 af
Primary=0.78 cfs 0.078 af

Link 2L: East Link Inflow=0.01 cfs 0.001 af
Primary=0.01 cfs 0.001 af

Total Runoff Area = 9.040 ac Runoff Volume = 1.106 af Average Runoff Depth = 1.47"
62.61% Pervious = 5.660 ac 37.39% Impervious = 3.380 ac

Time span=0.00-24.00 hrs, dt=0.010 hrs, 2401 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment1: Subarea 1 Runoff Area=1.320 ac 55.30% Impervious Runoff Depth>4.05"
Tc=6.0 min CN=81 Runoff=9.69 cfs 0.445 af

Subcatchment2: Subarea 2 Runoff Area=3.250 ac 49.85% Impervious Runoff Depth>3.74"
Flow Length=160' Tc=13.3 min CN=78 Runoff=16.59 cfs 1.012 af

Subcatchment3: Subarea 3 Runoff Area=1.950 ac 40.00% Impervious Runoff Depth>3.53"
Flow Length=450' Tc=12.5 min CN=76 Runoff=9.72 cfs 0.574 af

Subcatchment4: Subarea 4 Runoff Area=1.010 ac 16.83% Impervious Runoff Depth>2.39"
Flow Length=185' Tc=13.3 min CN=64 Runoff=3.27 cfs 0.201 af

Subcatchment5: Subarea 5 Runoff Area=0.380 ac 0.00% Impervious Runoff Depth>1.87"
Tc=6.0 min CN=58 Runoff=1.30 cfs 0.059 af

Subcatchment6: Subarea 6 Runoff Area=0.020 ac 0.00% Impervious Runoff Depth>1.62"
Tc=6.0 min CN=55 Runoff=0.06 cfs 0.003 af

Subcatchment7: Subarea 7 Runoff Area=0.210 ac 9.52% Impervious Runoff Depth>2.48"
Tc=6.0 min CN=65 Runoff=0.97 cfs 0.043 af

Subcatchment8: Subarea 8 Runoff Area=0.900 ac 6.67% Impervious Runoff Depth>2.12"
Flow Length=385' Tc=16.9 min CN=61 Runoff=2.26 cfs 0.159 af

Pond 1B: Basin 1 Peak Elev=1,019.03' Storage=0.188 af Inflow=9.69 cfs 0.445 af
Discarded=0.43 cfs 0.229 af Primary=1.38 cfs 0.216 af Outflow=1.81 cfs 0.445 af

Pond 2K: Kettle 2 Peak Elev=1,015.01' Storage=1.002 af Inflow=17.77 cfs 1.227 af
Discarded=0.06 cfs 0.061 af Primary=0.29 cfs 0.264 af Outflow=0.35 cfs 0.325 af

Pond 3B: Basin 3 Peak Elev=1,008.13' Storage=0.052 af Inflow=9.72 cfs 0.574 af
Discarded=0.00 cfs 0.004 af Primary=9.70 cfs 0.535 af Outflow=9.70 cfs 0.539 af

Pond 4K: Kettle 4 - Modified Peak Elev=1,007.52' Storage=0.686 af Inflow=12.95 cfs 0.736 af
Discarded=0.04 cfs 0.034 af Primary=0.08 cfs 0.019 af Outflow=0.12 cfs 0.053 af

Pond 5K: Kettle 5 Peak Elev=1,010.42' Storage=0.048 af Inflow=1.30 cfs 0.059 af
Discarded=0.01 cfs 0.012 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.012 af

Link 1L: West Link Inflow=2.66 cfs 0.467 af
Primary=2.66 cfs 0.467 af

Link 2L: East Link Inflow=0.08 cfs 0.021 af
Primary=0.08 cfs 0.021 af

Total Runoff Area = 9.040 ac Runoff Volume = 2.497 af Average Runoff Depth = 3.31"
62.61% Pervious = 5.660 ac 37.39% Impervious = 3.380 ac

Summary for Subcatchment 1: Subarea 1

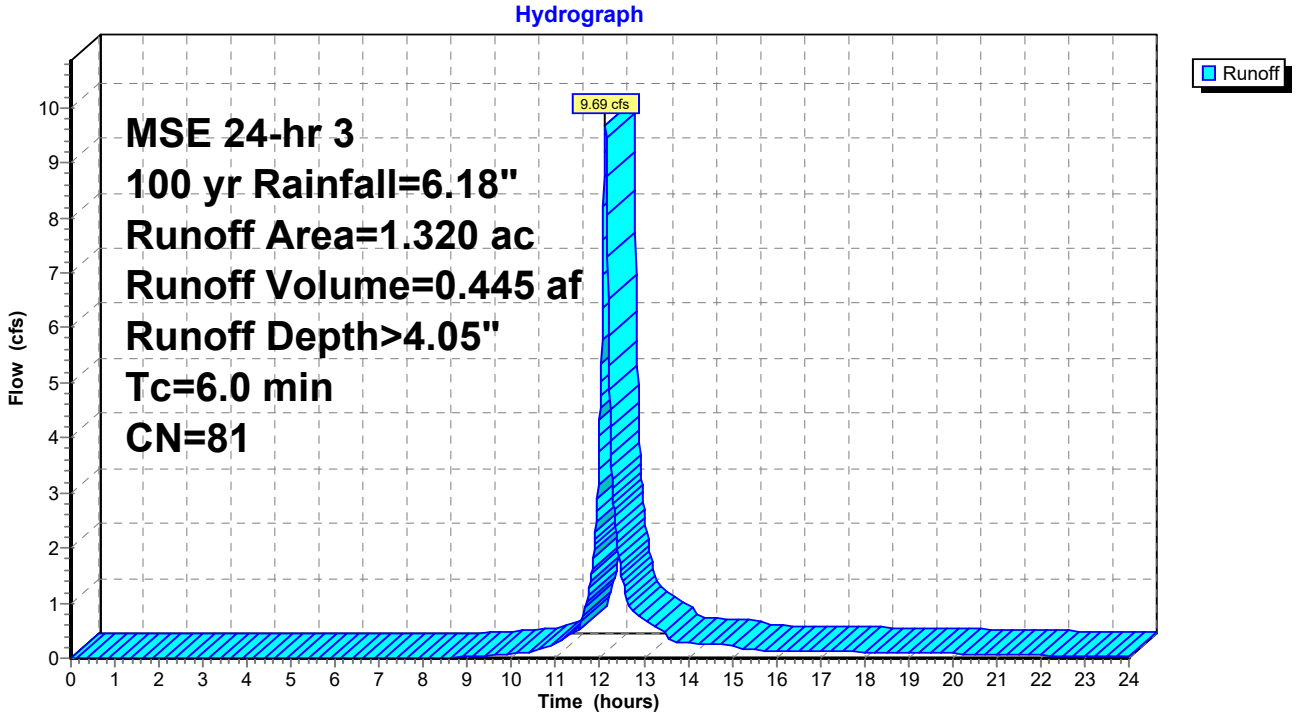
Runoff = 9.69 cfs @ 12.13 hrs, Volume= 0.445 af, Depth> 4.05"
Routed to Pond 1B : Basin 1

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.590	61	grass
*	0.730	98	impervious
	1.320	81	Weighted Average
	0.590		44.70% Pervious Area
	0.730		55.30% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1: Subarea 1



Summary for Subcatchment 2: Subarea 2

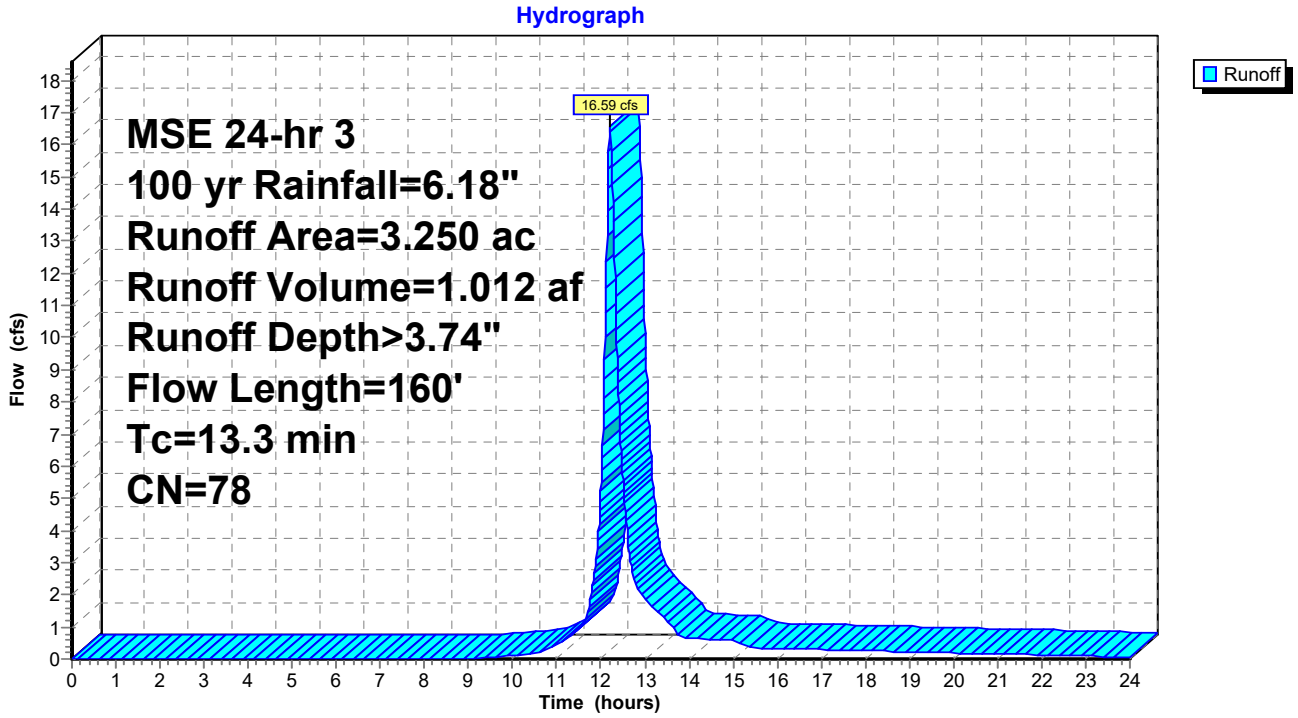
Runoff = 16.59 cfs @ 12.22 hrs, Volume= 1.012 af, Depth> 3.74"
Routed to Pond 2K : Kettle 2

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.710	55	woods
*	0.910	61	grass
*	0.010	61	meadow
*	1.620	98	impervious
	3.250	78	Weighted Average
	1.630		50.15% Pervious Area
	1.620		49.85% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	10	0.3000	0.20		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"
12.1	90	0.0300	0.12		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"
0.4	60	0.0300	2.79		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
13.3	160	Total			

Subcatchment 2: Subarea 2



Summary for Subcatchment 3: Subarea 3

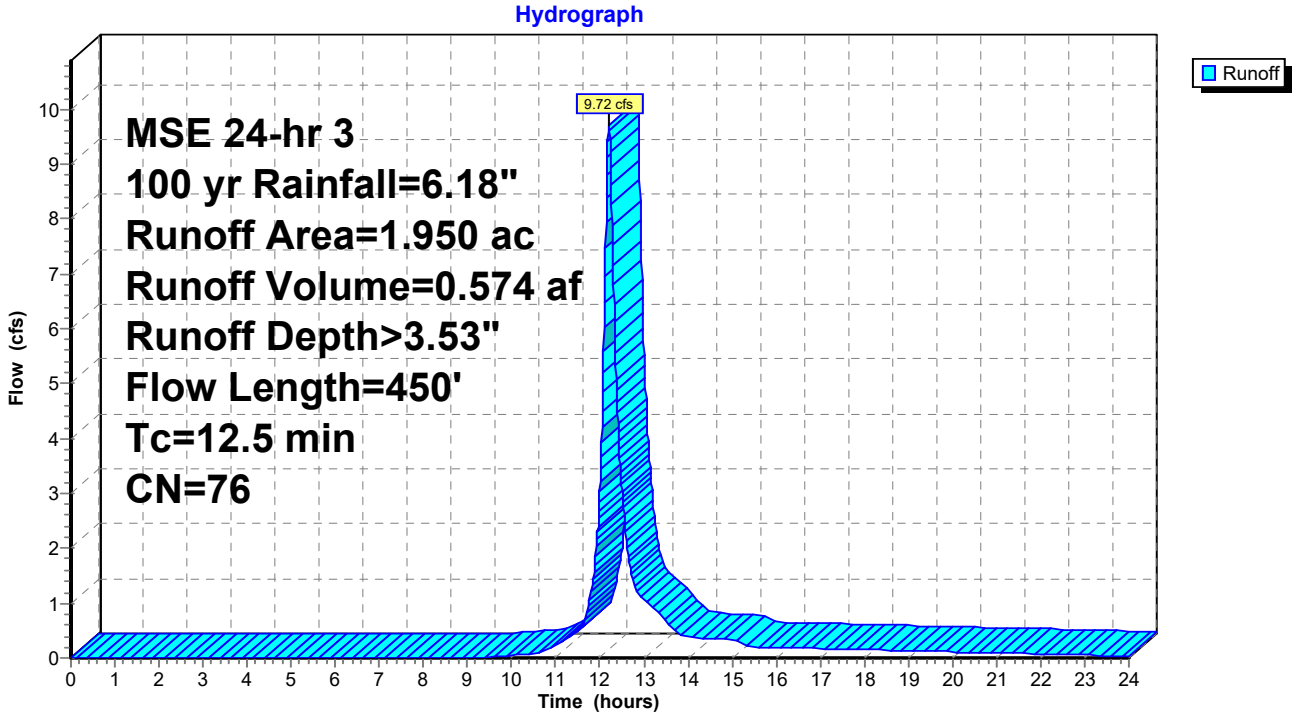
Runoff = 9.72 cfs @ 12.21 hrs, Volume= 0.574 af, Depth> 3.53"
Routed to Pond 3B : Basin 3

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.990	61	grass
*	0.180	61	meadow
*	0.780	98	impervious
	1.950	76	Weighted Average
	1.170		60.00% Pervious Area
	0.780		40.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.4	30	0.2000	0.21		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"
8.9	50	0.0200	0.09		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"
1.2	370		5.00		**Direct Entry, Pipe**
12.5	450	Total			

Subcatchment 3: Subarea 3



Summary for Subcatchment 4: Subarea 4

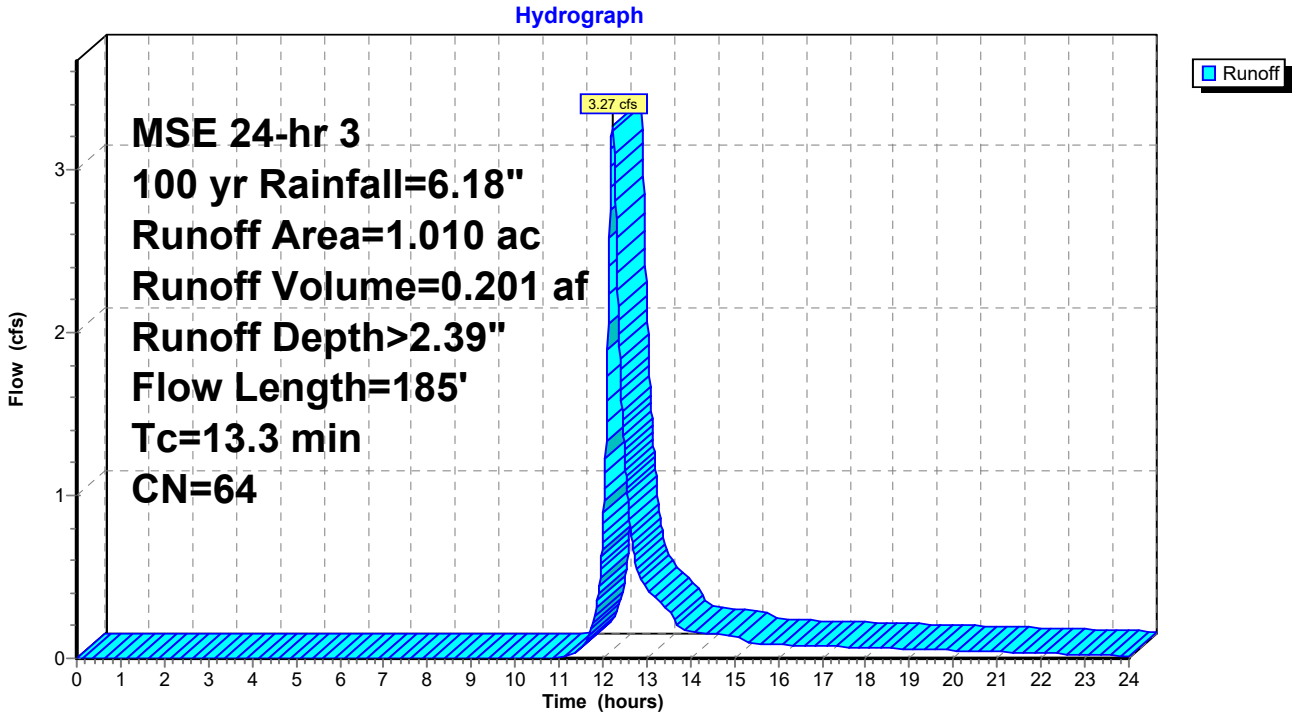
Runoff = 3.27 cfs @ 12.22 hrs, Volume= 0.201 af, Depth> 2.39"
Routed to Pond 4K : Kettle 4 - Modified

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.250	61	grass
*	0.590	55	woods
*	0.170	98	impervious
	1.010	64	Weighted Average
	0.840		83.17% Pervious Area
	0.170		16.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
4.3	20	0.0200	0.08		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"
0.1	5	0.0300	0.82		**Sheet Flow,** Smooth surfaces n= 0.011 P2= 2.70"
8.2	55	0.0300	0.11		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"
0.3	20	0.0300	1.08		**Sheet Flow,** Smooth surfaces n= 0.011 P2= 2.70"
0.4	85	0.0600	3.94		**Shallow Concentrated Flow,** Unpaved Kv= 16.1 fps
13.3	185	Total			

Subcatchment 4: Subarea 4



Summary for Subcatchment 5: Subarea 5

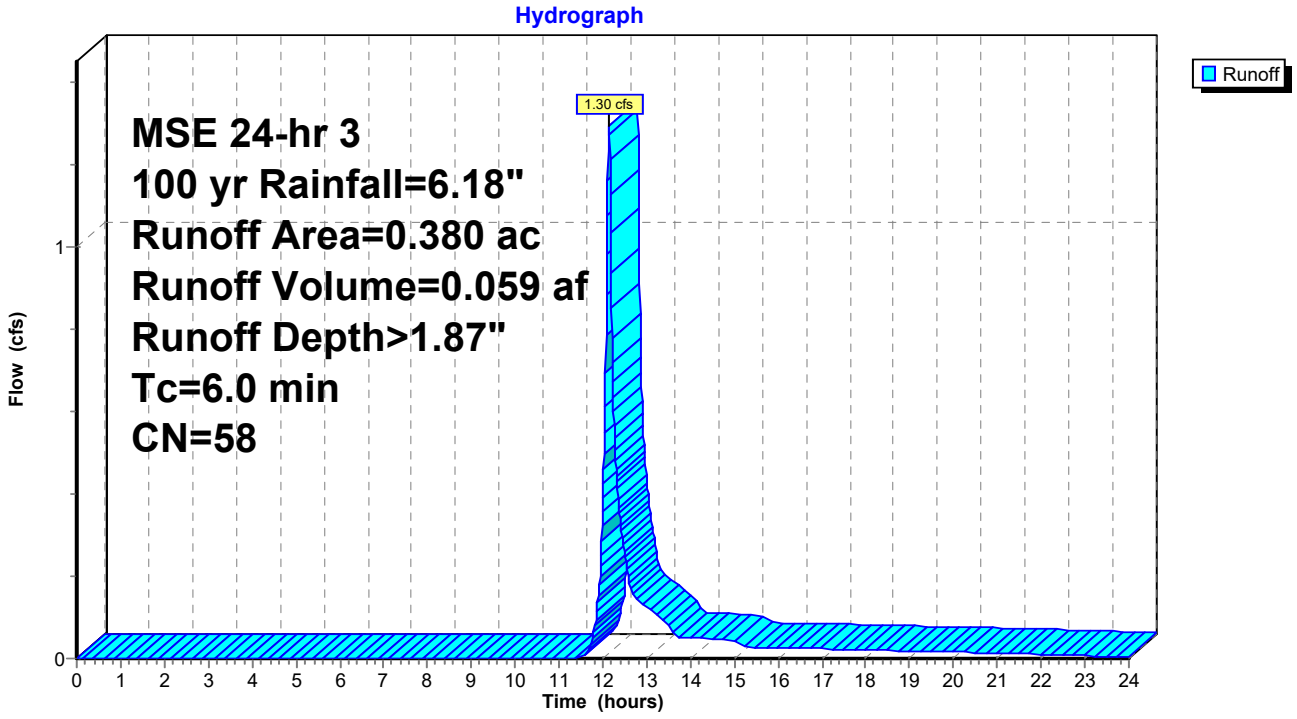
Runoff = 1.30 cfs @ 12.14 hrs, Volume= 0.059 af, Depth> 1.87"
Routed to Pond 5K : Kettle 5

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.210	55	woods
*	0.170	61	meadow
	0.380	58	Weighted Average
	0.380		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 5: Subarea 5



Summary for Subcatchment 6: Subarea 6

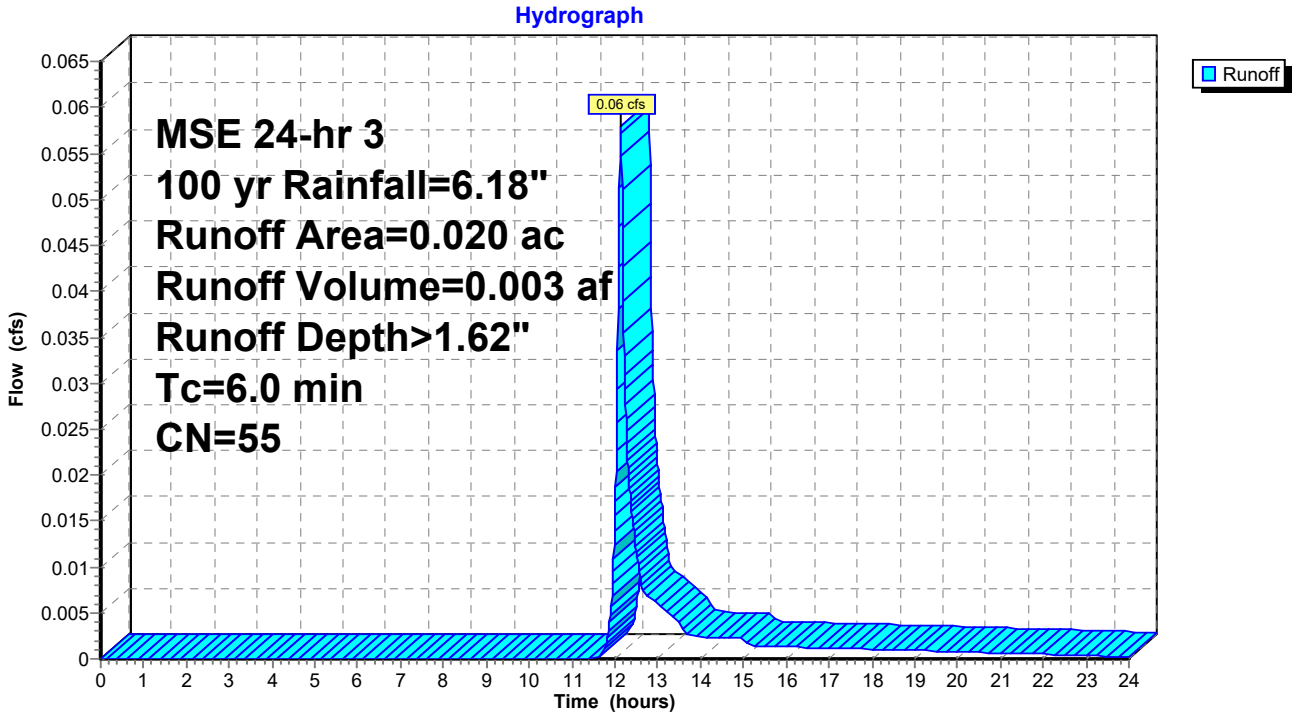
Runoff = 0.06 cfs @ 12.14 hrs, Volume= 0.003 af, Depth> 1.62"
Routed to Link 2L : East Link

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.020	55	woods
	0.020		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 6: Subarea 6



Summary for Subcatchment 7: Subarea 7

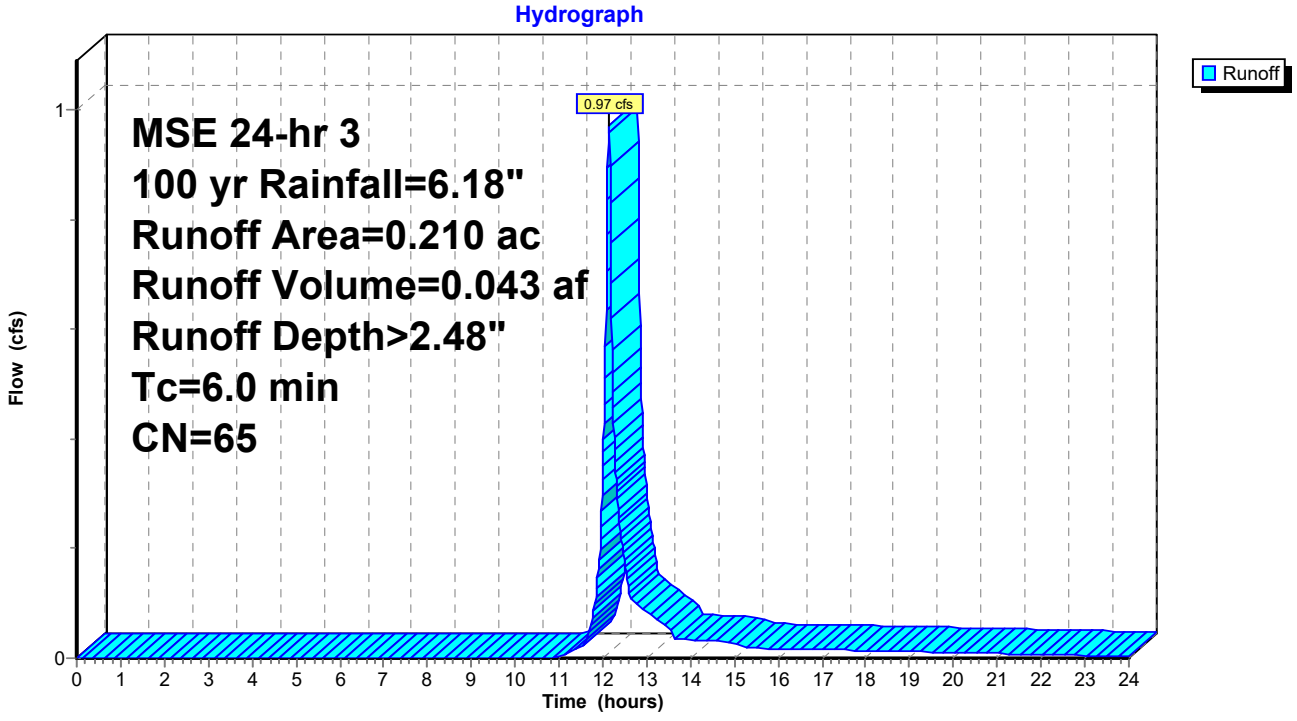
Runoff = 0.97 cfs @ 12.14 hrs, Volume= 0.043 af, Depth> 2.48"
Routed to Link 1L : West Link

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.190	61	grass
*	0.020	98	impervious
	0.210	65	Weighted Average
	0.190		90.48% Pervious Area
	0.020		9.52% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 7: Subarea 7



Summary for Subcatchment 8: Subarea 8

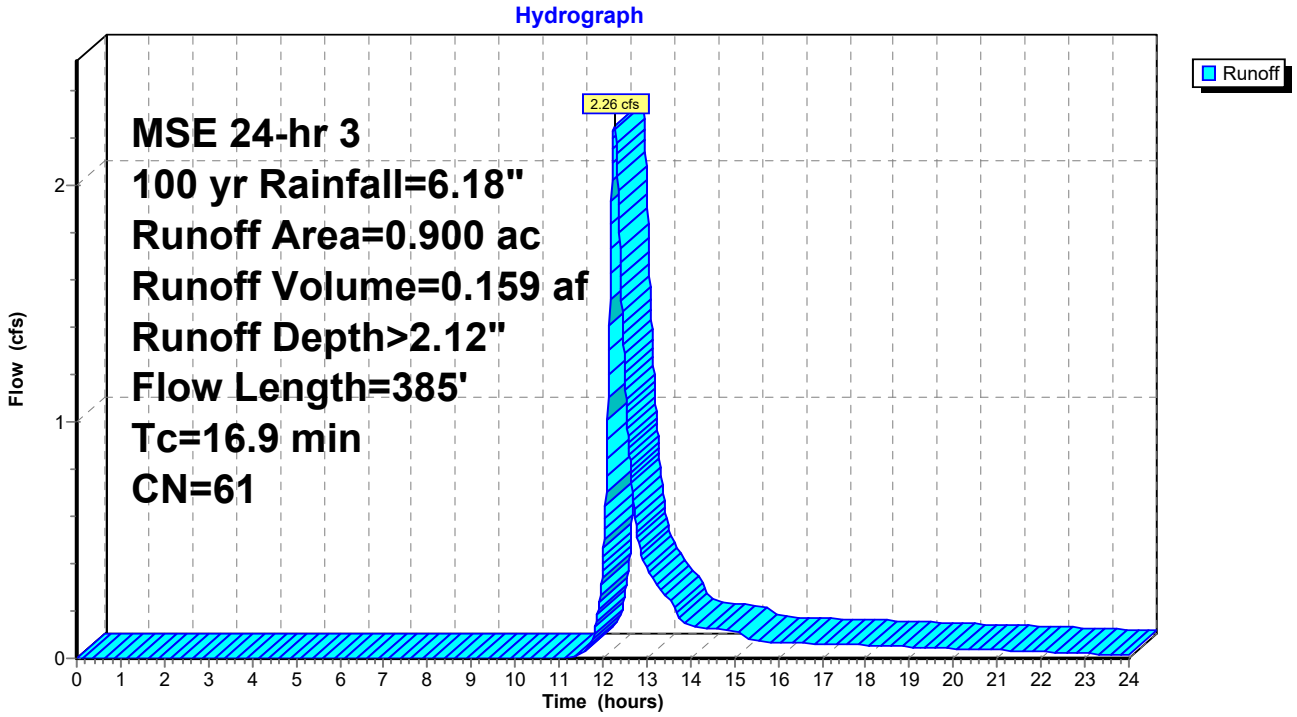
Runoff = 2.26 cfs @ 12.27 hrs, Volume= 0.159 af, Depth> 2.12"
Routed to Link 1L : West Link

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
MSE 24-hr 3 100 yr Rainfall=6.18"

	Area (ac)	CN	Description
*	0.360	55	woods
*	0.450	61	grassland
*	0.030	61	grass
*	0.060	98	impervious
	0.900	61	Weighted Average
	0.840		93.33% Pervious Area
	0.060		6.67% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
11.3	75	0.0700	0.11		**Sheet Flow,** Woods: Light underbrush n= 0.400 P2= 2.70"
3.1	25	0.0700	0.13		**Sheet Flow,** Grass: Dense n= 0.240 P2= 2.70"
0.9	145	0.0300	2.60		**Shallow Concentrated Flow,** Grassed Waterway Kv= 15.0 fps
1.6	125	0.0080	1.34		**Shallow Concentrated Flow,** Grassed Waterway Kv= 15.0 fps
0.0	15	0.2000	6.71		**Shallow Concentrated Flow,** Grassed Waterway Kv= 15.0 fps
16.9	385	Total			

Subcatchment 8: Subarea 8



Summary for Pond 1B: Basin 1

Inflow Area = 1.320 ac, 55.30% Impervious, Inflow Depth > 4.05" for 100 yr event
Inflow = 9.69 cfs @ 12.13 hrs, Volume= 0.445 af
Outflow = 1.81 cfs @ 12.44 hrs, Volume= 0.445 af, Atten= 81%, Lag= 18.2 min
Discarded = 0.43 cfs @ 12.44 hrs, Volume= 0.229 af
Primary = 1.38 cfs @ 12.44 hrs, Volume= 0.216 af
Routed to Pond 2K : Kettle 2

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,019.03' @ 12.44 hrs Surf.Area= 0.100 ac Storage= 0.188 af

Plug-Flow detention time= 65.4 min calculated for 0.445 af (100% of inflow)
Center-of-Mass det. time= 65.3 min (856.6 - 791.3)

Volume	Invert	Avail.Storage	Storage Description
#1	1,015.00'	0.590 af	**Custom Stage Data (Conic)** Listed below (Recalc)

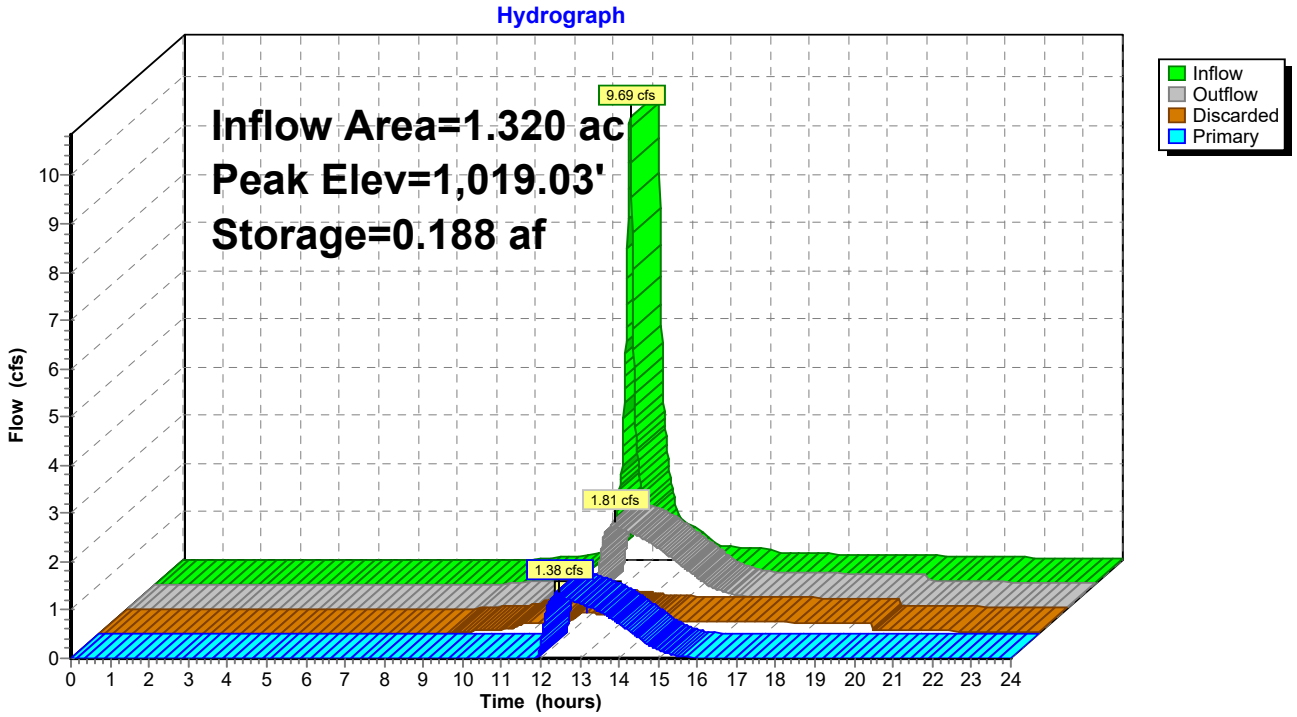
Elevation (feet)	Surf.Area (acres)	Voids (%)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,015.00	0.060	0.0	0.000	0.000	0.060
1,016.00	0.060	30.0	0.018	0.018	0.064
1,017.00	0.060	30.0	0.018	0.036	0.068
1,018.00	0.070	100.0	0.065	0.101	0.079
1,019.00	0.100	100.0	0.085	0.185	0.110
1,020.00	0.120	100.0	0.110	0.295	0.130
1,021.00	0.150	100.0	0.135	0.430	0.161
1,022.00	0.170	100.0	0.160	0.590	0.182

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,015.00'	**3.600 in/hr Exfiltration over Surface area** Conductivity to Groundwater Elevation = 1,000.00' Phase-In= 0.01'
#2	Primary	1,017.00'	**12.0" Round Culvert** L= 412.0' RCP, square edge headwall, Ke= 0.500 Inlet / Outlet Invert= 1,017.00' / 1,013.00' S= 0.0097 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#3	Device 2	1,017.00'	**6.0" Vert. Orifice** C= 0.600 Limited to weir flow at low heads
#4	Device 2	1,019.00'	**36.0" Horiz. Grate** C= 0.600 Limited to weir flow at low heads

Discarded OutFlow Max=0.43 cfs @ 12.44 hrs HW=1,019.03' (Free Discharge)
└**1=Exfiltration** (Controls 0.43 cfs)

Primary OutFlow Max=1.38 cfs @ 12.44 hrs HW=1,019.03' TW=1,013.87' (Dynamic Tailwater)
└**2=Culvert** (Passes 1.38 cfs of 3.72 cfs potential flow)
  ├**3=Orifice** (Orifice Controls 1.26 cfs @ 6.42 fps)
  └**4=Grate** (Weir Controls 0.12 cfs @ 0.52 fps)

Pond 1B: Basin 1



Summary for Pond 2K: Kettle 2

Inflow Area = 4.570 ac, 51.42% Impervious, Inflow Depth > 3.22" for 100 yr event
Inflow = 17.77 cfs @ 12.22 hrs, Volume= 1.227 af
Outflow = 0.35 cfs @ 15.79 hrs, Volume= 0.325 af, Atten= 98%, Lag= 214.2 min
Discarded = 0.06 cfs @ 15.79 hrs, Volume= 0.061 af
Primary = 0.29 cfs @ 15.79 hrs, Volume= 0.264 af
Routed to Link 1L : West Link

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,015.01' @ 15.79 hrs Surf.Area= 0.480 ac Storage= 1.002 af

Plug-Flow detention time= 383.5 min calculated for 0.325 af (26% of inflow)
Center-of-Mass det. time= 293.0 min (1,094.5 - 801.5)

Volume	Invert	Avail.Storage	Storage Description
#1	1,006.00'	1.475 af	**Custom Stage Data (Conic)** Listed below (Recalc)

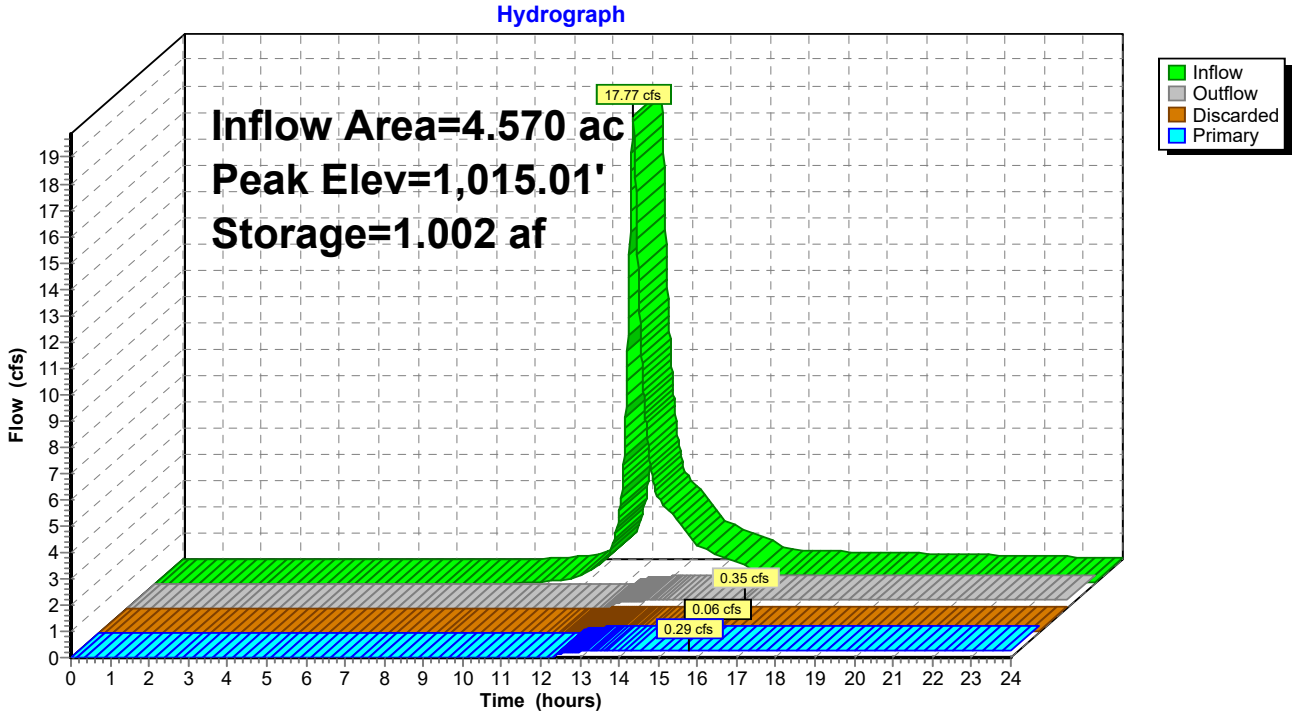
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,006.00	0.010	0.000	0.000	0.010
1,007.00	0.020	0.015	0.015	0.020
1,008.00	0.030	0.025	0.040	0.031
1,009.00	0.040	0.035	0.074	0.041
1,010.00	0.050	0.045	0.119	0.052
1,011.00	0.080	0.064	0.184	0.082
1,012.00	0.110	0.095	0.278	0.112
1,013.00	0.150	0.129	0.408	0.153
1,014.00	0.280	0.212	0.619	0.283
1,015.00	0.480	0.376	0.995	0.483
1,016.00	0.480	0.480	1.475	0.495

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,006.00'	**0.110 in/hr Exfiltration over Wetted area** Conductivity to Groundwater Elevation = 1,000.00' Phase-In= 0.01'
#2	Primary	1,013.39'	**15.0" Round Culvert** L= 190.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,013.39' / 1,011.49' S= 0.0100 '/' Cc= 0.900 n= 0.013, Flow Area= 1.23 sf
#3	Device 2	1,013.40'	**3.0" Vert. Orifice** C= 0.600 Limited to weir flow at low heads
#4	Device 2	1,015.25'	**36.0" Horiz. Grate** C= 0.600 Limited to weir flow at low heads
#5	Primary	1,015.50'	**10.0' long x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Discarded OutFlow Max=0.06 cfs @ 15.79 hrs HW=1,015.01' (Free Discharge)
└**1=Exfiltration** (Controls 0.06 cfs)

Primary OutFlow Max=0.29 cfs @ 15.79 hrs HW=1,015.01' TW=0.00' (Dynamic Tailwater)
└**2=Culvert** (Passes 0.29 cfs of 5.91 cfs potential flow)
└**3=Orifice** (Orifice Controls 0.29 cfs @ 5.88 fps)
└**4=Grate** (Controls 0.00 cfs)
└**5=Broad-Crested Rectangular Weir**(Controls 0.00 cfs)

Pond 2K: Kettle 2



Summary for Pond 3B: Basin 3

Inflow Area = 1.950 ac, 40.00% Impervious, Inflow Depth > 3.53" for 100 yr event
Inflow = 9.72 cfs @ 12.21 hrs, Volume= 0.574 af
Outflow = 9.70 cfs @ 12.21 hrs, Volume= 0.539 af, Atten= 0%, Lag= 0.2 min
Discarded = 0.00 cfs @ 12.21 hrs, Volume= 0.004 af
Primary = 9.70 cfs @ 12.21 hrs, Volume= 0.535 af
Routed to Pond 4K : Kettle 4 - Modified

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,008.13' @ 12.21 hrs Surf.Area= 0.031 ac Storage= 0.052 af

Plug-Flow detention time= 35.5 min calculated for 0.539 af (94% of inflow)
Center-of-Mass det. time= 6.2 min (811.9 - 805.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,003.00'	0.083 af	**Custom Stage Data (Conic)** Listed below (Recalc)

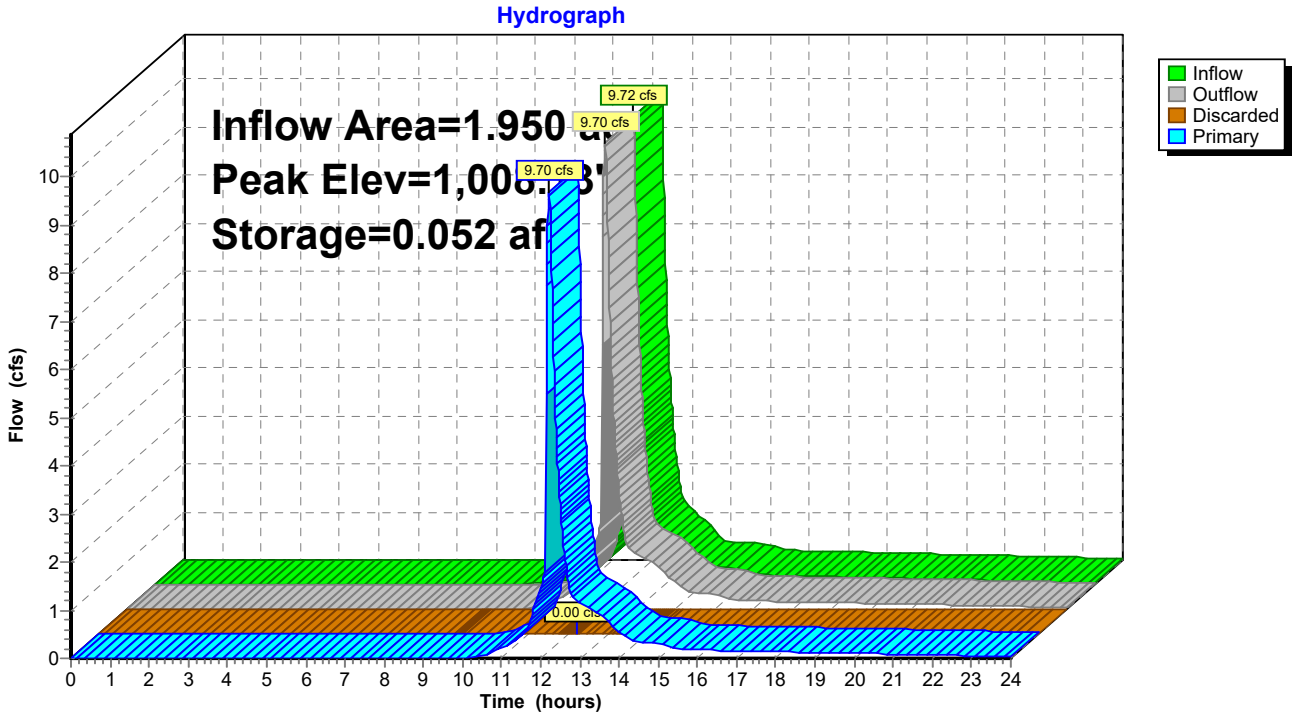
Elevation (feet)	Surf.Area (acres)	Voids (%)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,003.00	0.010	0.0	0.000	0.000	0.010
1,004.00	0.010	30.0	0.003	0.003	0.012
1,005.00	0.010	30.0	0.003	0.006	0.013
1,006.00	0.010	30.0	0.003	0.009	0.015
1,007.00	0.020	100.0	0.015	0.024	0.025
1,008.00	0.030	100.0	0.025	0.049	0.036
1,009.00	0.040	100.0	0.035	0.083	0.046

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,003.00'	**0.110 in/hr Exfiltration over Surface area** Conductivity to Groundwater Elevation = 995.00' Phase-In= 0.01'
#2	Primary	1,004.00'	**6.0" Vert. Underdrain** C= 0.600 Limited to weir flow at low heads
#3	Primary	1,008.00'	**70.0' long x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Discarded OutFlow Max=0.00 cfs @ 12.21 hrs HW=1,008.13' (Free Discharge)
└**1=Exfiltration** (Controls 0.00 cfs)

Primary OutFlow Max=9.68 cfs @ 12.21 hrs HW=1,008.13' TW=1,004.63' (Dynamic Tailwater)
├**2=Underdrain** (Orifice Controls 1.77 cfs @ 9.00 fps)
└**3=Broad-Crested Rectangular Weir** (Weir Controls 7.91 cfs @ 0.89 fps)

Pond 3B: Basin 3



Summary for Pond 4K: Kettle 4 - Modified

Inflow Area = 2.960 ac, 32.09% Impervious, Inflow Depth > 2.99" for 100 yr event
Inflow = 12.95 cfs @ 12.21 hrs, Volume= 0.736 af
Outflow = 0.12 cfs @ 21.46 hrs, Volume= 0.053 af, Atten= 99%, Lag= 555.1 min
Discarded = 0.04 cfs @ 21.46 hrs, Volume= 0.034 af
Primary = 0.08 cfs @ 21.46 hrs, Volume= 0.019 af
Routed to Link 2L : East Link

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,007.52' @ 21.46 hrs Surf.Area= 0.240 ac Storage= 0.686 af

Plug-Flow detention time= 475.2 min calculated for 0.053 af (7% of inflow)
Center-of-Mass det. time= 351.7 min (1,166.4 - 814.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,003.00'	0.808 af	**Custom Stage Data (Conic)** Listed below (Recalc)

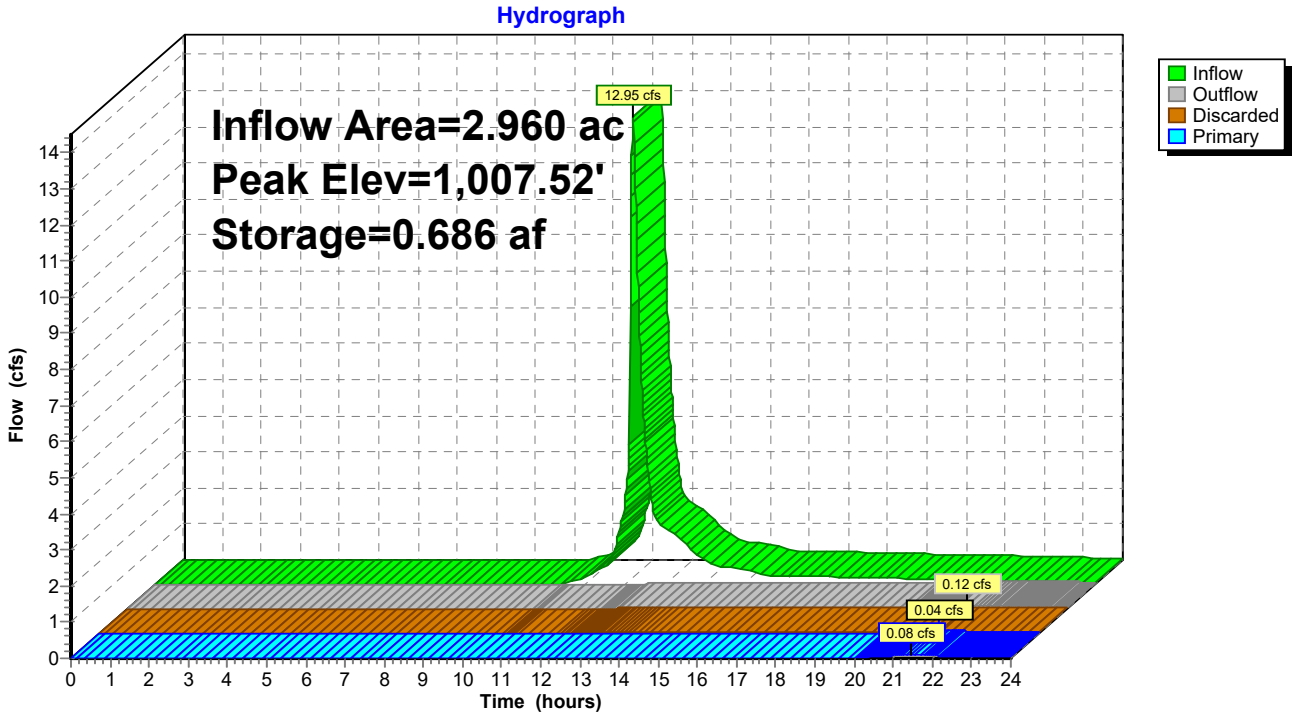
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,003.00	0.090	0.000	0.000	0.090
1,004.00	0.110	0.100	0.100	0.111
1,005.00	0.140	0.125	0.225	0.141
1,006.00	0.170	0.155	0.379	0.172
1,007.00	0.210	0.190	0.569	0.213
1,008.00	0.270	0.239	0.808	0.273

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,003.00'	**0.110 in/hr Exfiltration over Wetted area** Conductivity to Groundwater Elevation = 995.00' Phase-In= 0.01'
#2	Primary	1,007.50'	**10.0' long x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Discarded OutFlow Max=0.04 cfs @ 21.46 hrs HW=1,007.52' (Free Discharge)
↑—**1=Exfiltration** (Controls 0.04 cfs)

Primary OutFlow Max=0.08 cfs @ 21.46 hrs HW=1,007.52' TW=0.00' (Dynamic Tailwater)
↑—**2=Broad-Crested Rectangular Weir** (Weir Controls 0.08 cfs @ 0.37 fps)

Pond 4K: Kettle 4 - Modified



Summary for Pond 5K: Kettle 5

Inflow Area = 0.380 ac, 0.00% Impervious, Inflow Depth > 1.87" for 100 yr event
Inflow = 1.30 cfs @ 12.14 hrs, Volume= 0.059 af
Outflow = 0.01 cfs @ 20.99 hrs, Volume= 0.012 af, Atten= 99%, Lag= 531.1 min
Discarded = 0.01 cfs @ 20.99 hrs, Volume= 0.012 af
Primary = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af
Routed to Link 2L : East Link

Routing by Dyn-Stor-Ind method, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs
Peak Elev= 1,010.42' @ 20.99 hrs Surf.Area= 0.048 ac Storage= 0.048 af

Plug-Flow detention time= 364.6 min calculated for 0.012 af (21% of inflow)
Center-of-Mass det. time= 255.3 min (1,086.5 - 831.2)

Volume	Invert	Avail.Storage	Storage Description
#1	1,009.00'	0.258 af	**Custom Stage Data (Conic)** Listed below (Recalc)

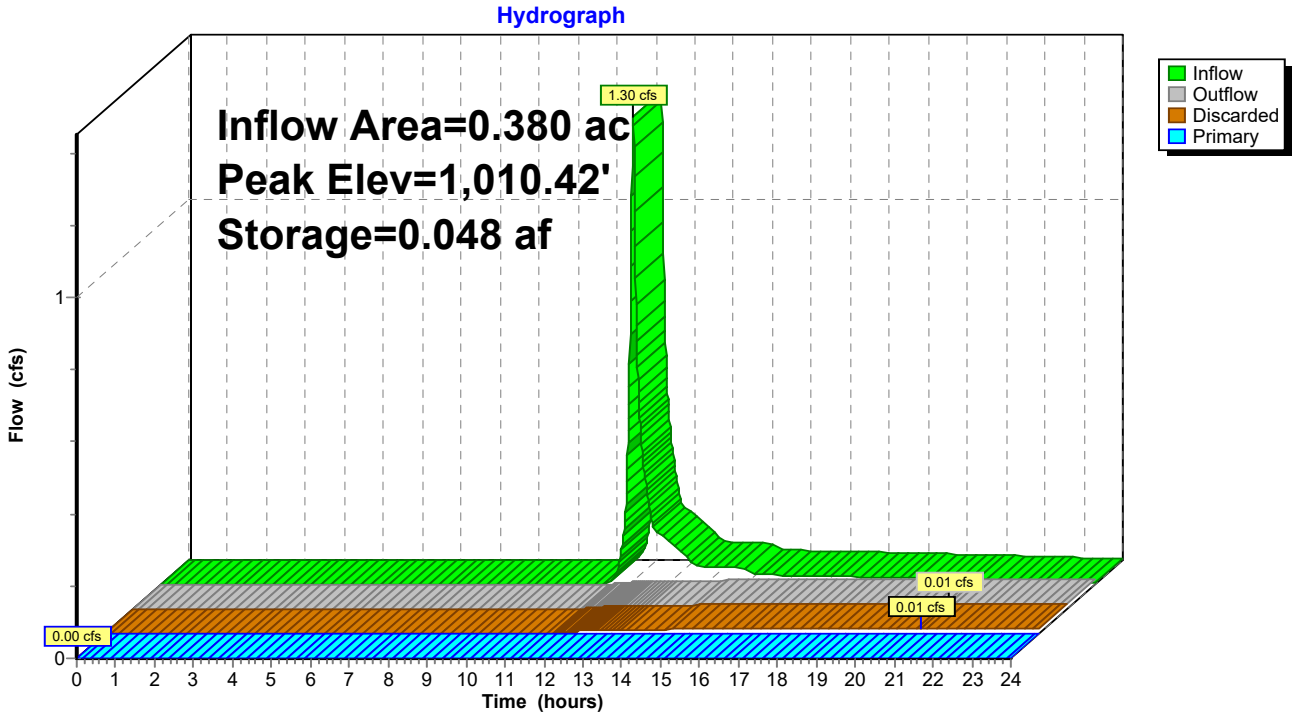
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)	Wet.Area (acres)
1,009.00	0.020	0.000	0.000	0.020
1,010.00	0.040	0.029	0.029	0.040
1,011.00	0.060	0.050	0.079	0.061
1,012.00	0.090	0.074	0.154	0.091
1,013.00	0.120	0.105	0.258	0.121

Device	Routing	Invert	Outlet Devices
#1	Discarded	1,009.00'	**0.240 in/hr Exfiltration over Wetted area** Conductivity to Groundwater Elevation = 1,000.00' Phase-In= 0.01'
#2	Primary	1,012.50'	**35.0' long x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Discarded OutFlow Max=0.01 cfs @ 20.99 hrs HW=1,010.42' (Free Discharge)
↑**1=Exfiltration** (Controls 0.01 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=1,009.00' TW=0.00' (Dynamic Tailwater)
↑**2=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

Pond 5K: Kettle 5

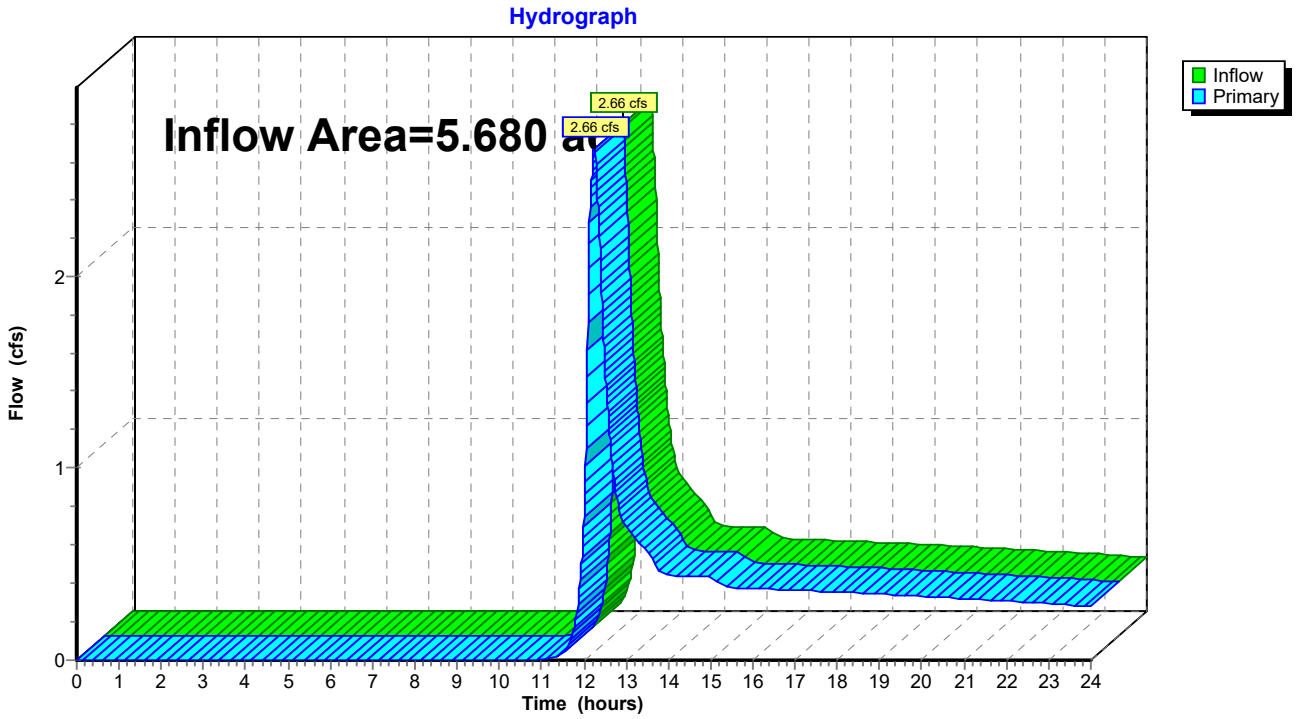


Summary for Link 1L: West Link

Inflow Area = 5.680 ac, 42.78% Impervious, Inflow Depth > 0.99" for 100 yr event
Inflow = 2.66 cfs @ 12.25 hrs, Volume= 0.467 af
Primary = 2.66 cfs @ 12.25 hrs, Volume= 0.467 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs

Link 1L: West Link

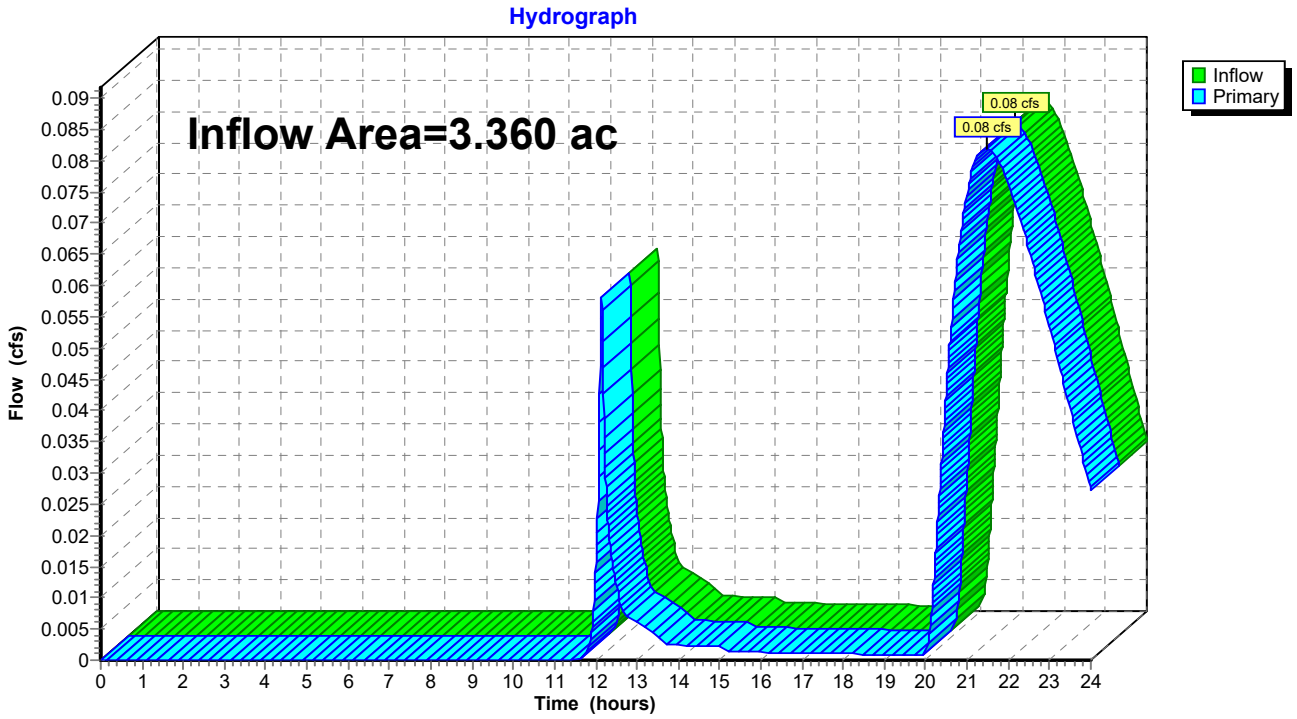


Summary for Link 2L: East Link

Inflow Area = 3.360 ac, 28.27% Impervious, Inflow Depth > 0.08" for 100 yr event
Inflow = 0.08 cfs @ 21.46 hrs, Volume= 0.021 af
Primary = 0.08 cfs @ 21.46 hrs, Volume= 0.021 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-24.00 hrs, dt= 0.010 hrs

Link 2L: East Link



Events for Subcatchment 1: Subarea 1

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	2.14	0.096	0.87
2 yr	2.70	2.68	0.120	1.09
10 yr	3.81	4.82	0.216	1.96
100 yr	**6.18**	**9.69**	**0.445**	**4.05**

Events for Subcatchment 2: Subarea 2

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	3.07	0.196	0.72
2 yr	2.70	3.99	0.249	0.92
10 yr	3.81	7.73	0.470	1.74
100 yr	**6.18**	**16.59**	**1.012**	**3.74**

Events for Subcatchment 3: Subarea 3

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	1.62	0.103	0.63
2 yr	2.70	2.15	0.133	0.82
10 yr	3.81	4.37	0.259	1.59
100 yr	**6.18**	**9.72**	**0.574**	**3.53**

Events for Subcatchment 4: Subarea 4

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.17	0.020	0.24
2 yr	2.70	0.32	0.029	0.34
10 yr	3.81	1.07	0.073	0.87
100 yr	**6.18**	**3.27**	**0.201**	**2.39**

Events for Subcatchment 5: Subarea 5

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.02	0.003	0.11
2 yr	2.70	0.04	0.006	0.18
10 yr	3.81	0.33	0.018	0.58
100 yr	**6.18**	**1.30**	**0.059**	**1.87**

Events for Subcatchment 6: Subarea 6

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.00	0.000	0.07
2 yr	2.70	0.00	0.000	0.12
10 yr	3.81	0.01	0.001	0.46
100 yr	**6.18**	**0.06**	**0.003**	**1.62**

Events for Subcatchment 7: Subarea 7

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.06	0.005	0.26
2 yr	2.70	0.11	0.007	0.38
10 yr	3.81	0.34	0.016	0.92
100 yr	**6.18**	**0.97**	**0.043**	**2.48**

Events for Subcatchment 8: Subarea 8

Event	Rainfall (inches)	Runoff (cfs)	Volume (acre-feet)	Depth (inches)
1 yr	2.40	0.08	0.013	0.17
2 yr	2.70	0.15	0.019	0.26
10 yr	3.81	0.65	0.054	0.72
100 yr	**6.18**	**2.26**	**0.159**	**2.12**

Events for Pond 1B: Basin 1

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	2.14	0.25	0.25	0.00	1,016.99	0.036
2 yr	2.68	0.35	0.26	0.09	1,017.18	0.047
10 yr	4.82	0.94	0.28	0.66	1,017.74	0.083
100 yr	**9.69**	**1.81**	**0.43**	**1.38**	**1,019.03**	**0.188**

Events for Pond 2K: Kettle 2

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	3.07	0.01	0.01	0.00	1,011.02	0.185
2 yr	3.99	0.01	0.01	0.00	1,011.65	0.242
10 yr	8.27	0.05	0.03	0.02	1,013.51	0.500
100 yr	**17.77**	**0.35**	**0.06**	**0.29**	**1,015.01**	**1.002**

Events for Pond 3B: Basin 3

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	1.62	1.29	0.00	1.29	1,006.11	0.010
2 yr	2.15	1.44	0.00	1.44	1,006.57	0.016
10 yr	4.37	2.79	0.00	2.79	1,008.03	0.049
100 yr	**9.72**	**9.70**	**0.00**	**9.70**	**1,008.13**	**0.052**

Events for Pond 4K: Kettle 4 - Modified

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	1.47	0.01	0.01	0.00	1,004.05	0.105
2 yr	1.74	0.02	0.02	0.00	1,004.37	0.142
10 yr	3.60	0.02	0.02	0.00	1,005.53	0.302
100 yr	**12.95**	**0.12**	**0.04**	**0.08**	**1,007.52**	**0.686**

Events for Pond 5K: Kettle 5

Event	Inflow (cfs)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Storage (acre-feet)
1 yr	0.02	0.01	0.01	**0.00**	1,009.04	0.001
2 yr	0.04	0.01	0.01	0.00	1,009.11	0.002
10 yr	0.33	0.01	0.01	0.00	1,009.50	0.012
100 yr	**1.30**	**0.01**	**0.01**	0.00	**1,010.42**	**0.048**

Events for Link 1L: West Link

Event	Inflow (cfs)	Primary (cfs)	Elevation (feet)
1 yr	0.10	0.10	**0.00**
2 yr	0.20	0.20	0.00
10 yr	0.78	0.78	0.00
100 yr	**2.66**	**2.66**	0.00

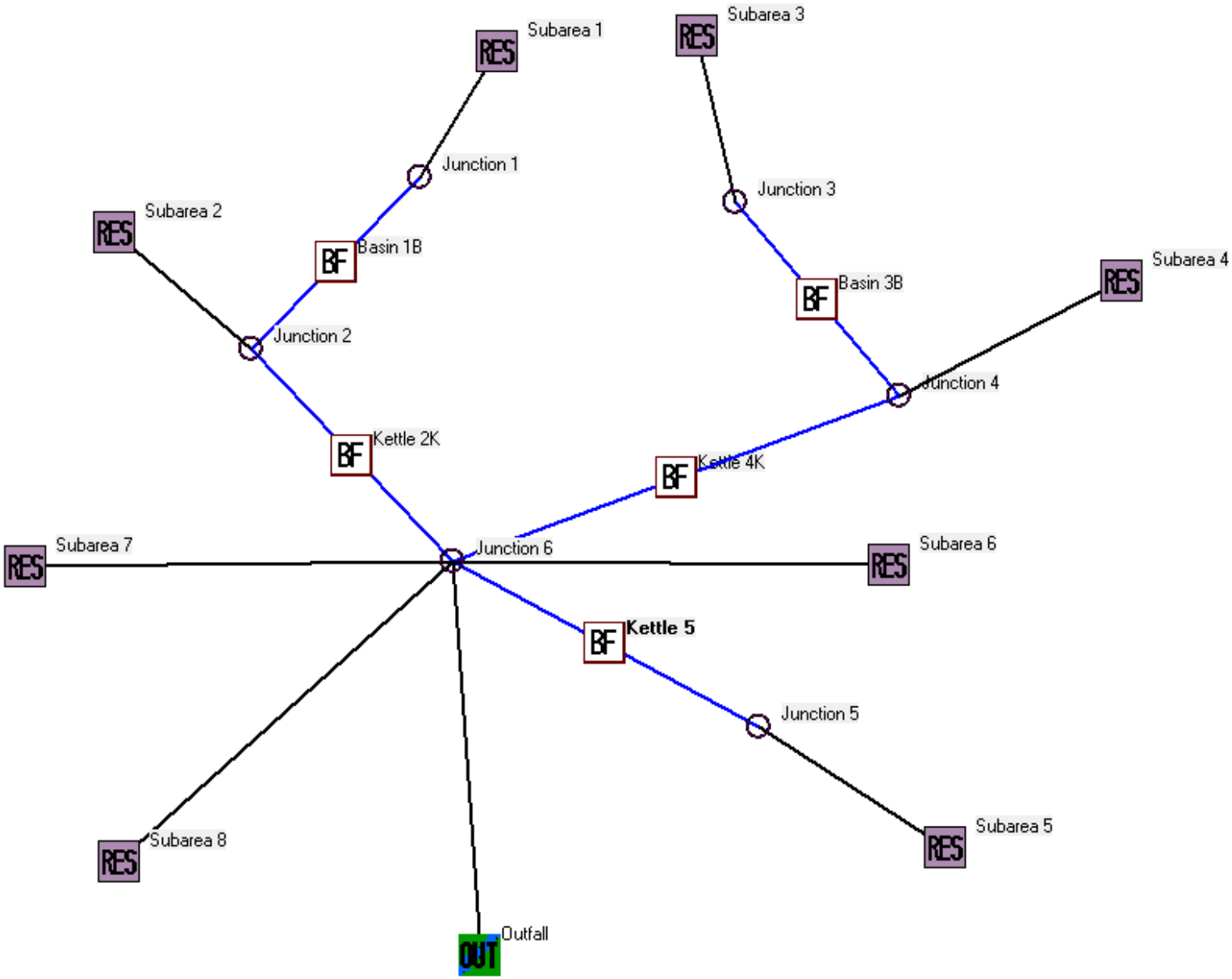
Events for Link 2L: East Link

Event	Inflow (cfs)	Primary (cfs)	Elevation (feet)
1 yr	0.00	0.00	**0.00**
2 yr	0.00	0.00	0.00
10 yr	0.01	0.01	0.00
100 yr	**0.08**	**0.08**	0.00

APPENDIX C

Treatment Analysis

Treatment Analysis



SLAMM for Windows Version 10.5.0
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Data file name: C:\Data\Jobs\2024\2024-005 - Lake County - TRIO\Project_Information\Calcs\SLAMM\Proposed.mdb
Data file description:
Rain file name: C:\WinSLAMM Files\Rain Files\WisReg - Milwaukee WI 1969.RAN
Particulate Solids Concentration file name: C:\WinSLAMM Files\v10.1 WI_AVG01.pscx
Runoff Coefficient file name: C:\WinSLAMM Files\WI_SL06 Dec06.rsvx
Pollutant Relative Concentration file name: C:\WinSLAMM Files\WI_GEO03.ppdx
Residential Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Institutional Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Commercial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Industrial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Other Urban Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Freeway Street Delivery file name: C:\WinSLAMM Files\Freeway Dec06.std
Apply Street Delivery Files to Adjust the After Event Load Street Dirt Mass Balance: False
Source Area PSD and Peak to Average Flow Ratio File: C:\WinSLAMM Files\NURP Source Area PSD Files.csv
Cost Data file name:
If Other Device Pollutant Load Reduction Values = 1, Off-site Pollutant Loads are Removed from Pollutant Load % Reduction calculations
Seed for random number generator: -42
Start of Winter Season: 12/06 End of Winter Season: 03/28
Model Run Start Date: 01/05/69 Model Run End Date: 12/31/69
Date of run: 08-12-2024 Time of run: 07:55:30
Total Area Modeled (acres): 9.040
Years in Model Run: 0.99

	Runoff Volume (cu ft)	Percent Runoff Volume Reduction	Particulate Solids Conc. (mg/L)	Particulate Solids Yield (lbs)	Percent Particulate Solids Reduction
Total of all Land Uses without Controls:	280007	-	83.56	1461	-
Outfall Total with Controls:	7358	97.37%	63.93	29.37	97.99%
Annualized Total After Outfall Controls:	7460			29.77	

Data file name: C:\Data\Jobs\2024\2024-005 - Lake County - TRIO\Project_Information\Calcs\SLAMM\Proposed.mdb
WinSLAMM Version 10.5.0
Rain file name: C:\WinSLAMM Files\Rain Files\WisReg - Milwaukee WI 1969.RAN
Particulate Solids Concentration file name: C:\WinSLAMM Files\v10.1 WI_AVG01.pscx
Runoff Coefficient file name: C:\WinSLAMM Files\WI_SL06 Dec06.rsvx
Residential Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Institutional Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Commercial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Industrial Street Delivery file name: C:\WinSLAMM Files\WI_Com Inst Indust Dec06.std
Other Urban Street Delivery file name: C:\WinSLAMM Files\WI_Res and Other Urban Dec06.std
Freeway Street Delivery file name: C:\WinSLAMM Files\Freeway Dec06.std
Apply Street Delivery Files to Adjust the After Event Load Street Dirt Mass Balance: False
Pollutant Relative Concentration file name: C:\WinSLAMM Files\WI_GEO03.ppdx
Source Area PSD and Peak to Average Flow Ratio File: C:\WinSLAMM Files\NURP Source Area PSD Files.csv
Cost Data file name:
If Other Device Pollutant Load Reduction Values = 1, Off-site Pollutant Loads are Removed from Pollutant Load % Reduction calculations
Seed for random number generator: -42
Study period starting date: 01/05/69 Study period ending date: 12/31/69
Start of Winter Season: 12/06 End of Winter Season: 03/28
Date: 08-12-2024 Time: 07:55:50
Site information:

LU# 1 - Residential: Subarea 1 Total area (ac): 1.320
  1 - Roofs 1: 0.130 ac. Flat Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  13 - Paved Parking 1: 0.540 ac. Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  31 - Sidewalks 1: 0.060 ac. Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  51 - Small Landscaped Areas 1: 0.590 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 2 - Residential: Subarea 2 Total area (ac): 3.250
  1 - Roofs 1: 1.030 ac. Flat Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  13 - Paved Parking 1: 0.520 ac. Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  31 - Sidewalks 1: 0.070 ac. Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  51 - Small Landscaped Areas 1: 0.910 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  57 - Undeveloped Areas 1: 0.720 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 3 - Residential: Subarea 3 Total area (ac): 1.950
  1 - Roofs 1: 0.380 ac. Flat Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  25 - Driveways 1: 0.190 ac. Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  31 - Sidewalks 1: 0.210 ac. Connected Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  51 - Small Landscaped Areas 1: 0.990 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  57 - Undeveloped Areas 1: 0.180 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 4 - Residential: Subarea 4 Total area (ac): 1.010
  1 - Roofs 1: 0.070 ac. Flat Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  25 - Driveways 1: 0.050 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  31 - Sidewalks 1: 0.050 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
  51 - Small Landscaped Areas 1: 0.250 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz

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     57 - Undeveloped Areas 1:  0.590 ac.    Normal Silty    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 5 - Residential:  Subarea 5     Total area (ac):  0.380
     57 - Undeveloped Areas 1:  0.380 ac.    Normal Silty    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 6 - Residential:  Subarea 6     Total area (ac):  0.020
     57 - Undeveloped Areas 1:  0.020 ac.    Normal Silty    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 7 - Residential:  Subarea 7     Total area (ac):  0.210
     31 - Sidewalks 1:  0.020 ac.    Connected    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
     51 - Small Landscaped Areas 1:  0.190 ac.    Normal Silty    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 8 - Residential:  Subarea 8     Total area (ac):  0.900
     31 - Sidewalks 1:  0.060 ac.    Disconnected    Normal Silty    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
     51 - Small Landscaped Areas 1:  0.030 ac.    Normal Silty    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
     57 - Undeveloped Areas 1:  0.810 ac.    Normal Silty    Source Area PSD File: C:\WinSLAMM Files\NURP.cpz

      Control Practice 1:  Biofilter CP# 1 (DS) - Basin 1B
         1.  Top area (square feet) =  7562
         2.  Bottom aea (square feet) =  2427
         3.  Depth (ft):   7
         4.  Biofilter width (ft) - for Cost Purposes Only:   10
         5.  Infiltration rate (in/hr) =  3.6
         6.  Random infiltration rate generation?  No
         7.  Infiltration rate fraction (side):   0.001
         8.  Infiltration rate fraction (bottom):   1
         9.  Depth of biofilter that is rock filled (ft) 0
         10.  Porosity of rock filled volume =  0
         11.  Engineered soil infiltration rate:   3.6
         12.  Engineered soil depth (ft) =  2
         13.  Engineered soil porosity =  0.27
         14. Percent solids reduction due to flow through engineered soil =  80
         15. Biofilter peak to average flow ratio =  3.8
         16. Number of biofiltration control devices =  1
         17. Particle size distribution file:  Not needed - calculated by program
         18. Initial water surface elevation (ft):   0
              Soil Data                        Soil Type Fraction in Eng. Soil
             User-Defined Media Type                  1.000
              Saturation water content (Porosity) =   0
              Field capacity (fraction) =   0
              Permanent Wilting Point (fraction) =   0
              Infiltration rate (in/hr) =   3.6
              Biofilter Outlet/Discharge Characteristics:
             Outlet type:  Broad Crested Weir
                     1.  Weir crest length (ft):   10
                     2.  Weir crest width (ft):   10
                     3.  Height of datum to bottom of weir opening:   6.5
             Outlet type:  Vertical Stand Pipe
                     1.  Stand pipe diameter (ft):   3
```

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              2.  Stand pipe height above datum (ft):   4
       Outlet type:  Surface Discharge Pipe
              1.  Surface discharge pipe outlet diameter (ft):   0.5
              2.  Pipe invert elevation above datum (ft):   2
              3.  Number of surface pipe outlets:   1

Control Practice 2:  Biofilter CP# 2 (DS) - Kettle 2K
   1.  Top area (square feet) =  20923
   2.  Bottom aea (square feet) =  524
   3.  Depth (ft):   10
   4.  Biofilter width (ft) - for Cost Purposes Only:   10
   5.  Infiltration rate (in/hr) =  0.11
   6.  Random infiltration rate generation?  No
   7.  Infiltration rate fraction (side):   1
   8.  Infiltration rate fraction (bottom):   1
   9.  Depth of biofilter that is rock filled (ft) 0
   10.  Porosity of rock filled volume =  0
   11.  Engineered soil infiltration rate:   0
   12.  Engineered soil depth (ft) =  0
   13.  Engineered soil porosity =  0
   14. Percent solids reduction due to flow through engineered soil =  0
   15. Biofilter peak to average flow ratio =  3.8
   16. Number of biofiltration control devices =  1
   17. Particle size distribution file:  Not needed - calculated by program
   18. Initial water surface elevation (ft):   0
        Soil Data                        Soil Type Fraction in Eng. Soil
        Biofilter Outlet/Discharge Characteristics:
       Outlet type:  Broad Crested Weir
              1.  Weir crest length (ft):   10
              2.  Weir crest width (ft):   10
              3.  Height of datum to bottom of weir opening:   9.5
       Outlet type:  Vertical Stand Pipe
              1.  Stand pipe diameter (ft):   3
              2.  Stand pipe height above datum (ft):   9.25
       Outlet type:  Surface Discharge Pipe
              1.  Surface discharge pipe outlet diameter (ft):   0.25
              2.  Pipe invert elevation above datum (ft):   7.4
              3.  Number of surface pipe outlets:   1

Control Practice 3:  Biofilter CP# 3 (DS) - Basin 3B
   1.  Top area (square feet) =  2325
   2.  Bottom aea (square feet) =  448
   3.  Depth (ft):   6
   4.  Biofilter width (ft) - for Cost Purposes Only:   10
   5.  Infiltration rate (in/hr) =  0.11
```

```
   6.  Random infiltration rate generation?  No
   7.  Infiltration rate fraction (side):   0.001
   8.  Infiltration rate fraction (bottom):   1
   9.  Depth of biofilter that is rock filled (ft) 1
   10.  Porosity of rock filled volume =  0.33
   11.  Engineered soil infiltration rate:   3.6
   12.  Engineered soil depth (ft) =  2
   13.  Engineered soil porosity =  0.27
   14. Percent solids reduction due to flow through engineered soil =  80
   15. Biofilter peak to average flow ratio =  3.8
   16. Number of biofiltration control devices =  1
   17. Particle size distribution file:  Not needed - calculated by program
   18. Initial water surface elevation (ft):   0
        Soil Data                        Soil Type Fraction in Eng. Soil
       User-Defined Media Type                    1.000
        Saturation water content (Porosity) =   0
        Field capacity (fraction) =   0
        Permanent Wilting Point (fraction) =   0
        Infiltration rate (in/hr) =   3.6
        Biofilter Outlet/Discharge Characteristics:
       Outlet type:  Broad Crested Weir
               1.  Weir crest length (ft):   10
               2.  Weir crest width (ft):   10
               3.  Height of datum to bottom of weir opening:   5
       Outlet type:  Drain Tile/Underdrain
               1.  Underdrain outlet diameter (ft):   0.5
               2.  Invert elevation above datum (ft):   1
               3.  Number of underdrain outlets:   1

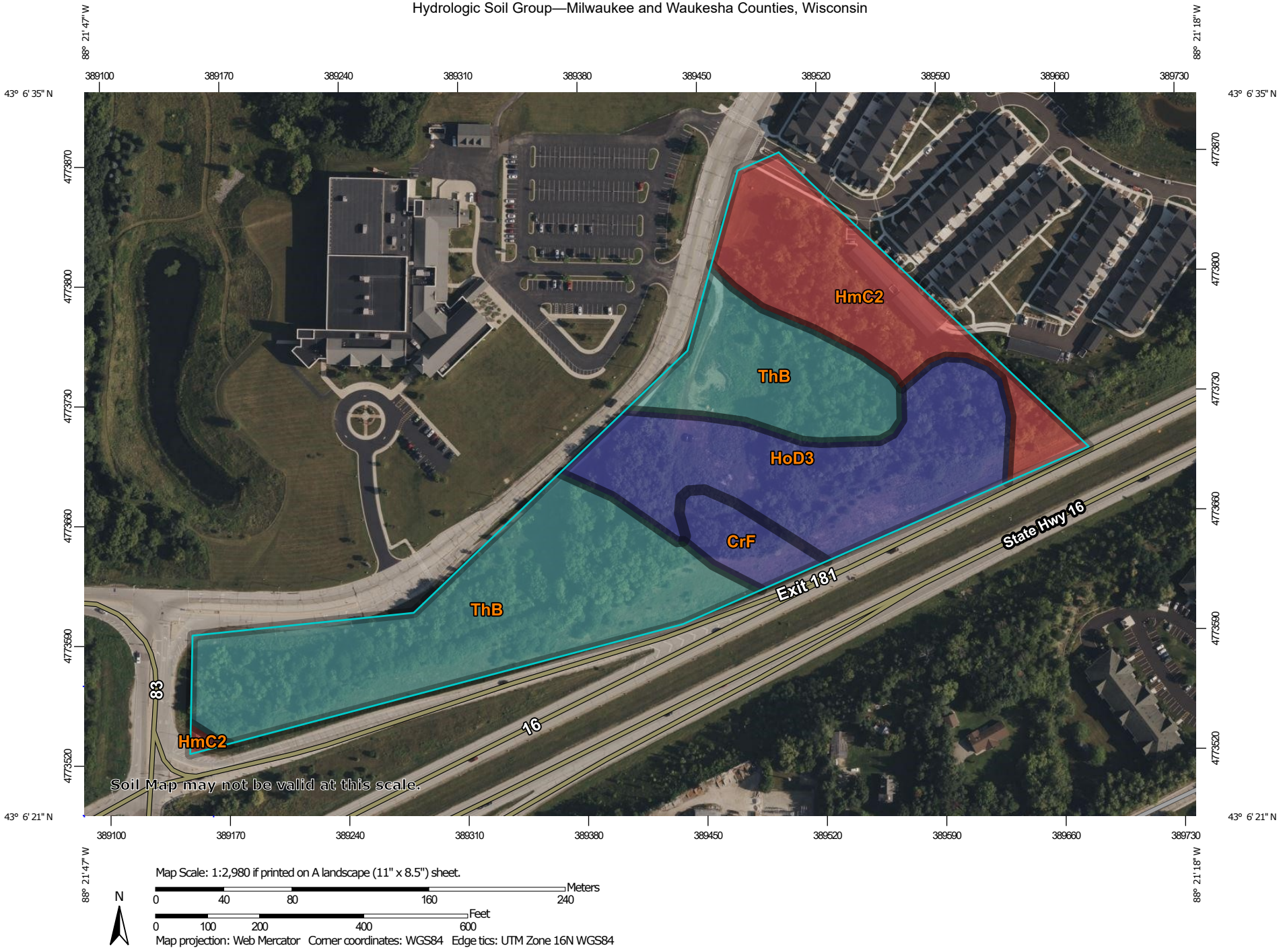
Control Practice 4:  Biofilter CP# 4 (DS) - Kettle 4K
   1.  Top area (square feet) =  11603
   2.  Bottom aea (square feet) =  1526
   3.  Depth (ft):   5
   4.  Biofilter width (ft) - for Cost Purposes Only:   10
   5.  Infiltration rate (in/hr) =  0.11
   6.  Random infiltration rate generation?  No
   7.  Infiltration rate fraction (side):   1
   8.  Infiltration rate fraction (bottom):   1
   9.  Depth of biofilter that is rock filled (ft) 0
   10.  Porosity of rock filled volume =  0
   11.  Engineered soil infiltration rate:   0
   12.  Engineered soil depth (ft) =  0
   13.  Engineered soil porosity =  0
   14. Percent solids reduction due to flow through engineered soil =  0
   15. Biofilter peak to average flow ratio =  3.8
```

16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0
Soil Data Soil Type Fraction in Eng. Soil
Biofilter Outlet/Discharge Characteristics:
Outlet type: Broad Crested Weir
1. Weir crest length (ft): 10
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 4.5

Control Practice 5: Biofilter CP# 5 (DS) - Kettle 5
1. Top area (square feet) = 5356
2. Bottom aea (square feet) = 1060
3. Depth (ft): 4
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 0.24
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 1
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 0
10. Porosity of rock filled volume = 0
11. Engineered soil infiltration rate: 0
12. Engineered soil depth (ft) = 0
13. Engineered soil porosity = 0
14. Percent solids reduction due to flow through engineered soil = 0
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0
Soil Data Soil Type Fraction in Eng. Soil
Biofilter Outlet/Discharge Characteristics:
Outlet type: Broad Crested Weir
1. Weir crest length (ft): 35
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 3.5

APPENDIX D

Soil Survey



Map Scale: 1:2,980 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 40 80 160 240

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Soil Rating Lines

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Soil Rating Points

A

A/D

B

B/D

C

C/D

D

Not rated or not available

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Milwaukee and Waukesha Counties, Wisconsin
Survey Area Data: Version 19, Sep 8, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 4, 2022—Sep 13, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
CrF	Casco-Rodman complex, 30 to 45 percent slopes	B	0.7	4.5%
HmC2	Hochheim loam, 6 to 12 percent slopes, eroded	D	2.9	19.7%
HoD3	Hochheim soils, 12 to 20 percent slopes, severely eroded	B	3.8	26.2%
ThB	Theresa silt loam, 2 to 6 percent slopes	C	7.3	49.7%
Totals for Area of Interest			**14.7**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

GENERAL NOTES

1. THE LATEST EDITIONS OF THE FOLLOWING DOCUMENTS AND ANY SUPPLEMENTS THERETO, SHALL GOVERN ALL CONSTRUCTION ITEMS ON THIS PLAN UNLESS OTHERWISE NOTED.

   -STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, 6TH EDITION (SSSWCW)
   -THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION
   -WDNR STORMWATER RUNOFF TECHNICAL STANDARDS.
   -WISDOT PAL APPROVED EROSION CONTROL MEASURES LIST, LATEST EDITION.
   -VILLAGE OF HARTLAND TECHNICAL STANDARDS.

2. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MINIMIZE EROSION, WATER POLLUTION AND SILTATION CAUSED BY CONSTRUCTION OF THIS PROJECT. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS.

3. EROSION CONTROL PLAN: PRIOR TO BEGINNING WORK, AN APPROVED EROSION CONTROL PLAN WILL BE PROVIDED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY IMPLEMENTING THE APPROVED PLAN.

4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY FLOOR, CURB OR PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.

5. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION (CALL DIGGERS HOTLINE AT 800-242-8511). COST OF REPLACEMENT OR REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

6. EXISTING UTILITY INFORMATION IS SHOWN FROM SURVEY WORK, FIELD OBSERVATIONS, AVAILABLE PUBLIC RECORDS, AND AS-BUILT DRAWINGS. EXACT LOCATIONS AND ELEVATIONS OF UTILITIES SHALL BE DETERMINED PRIOR TO INSTALLING NEW WORK. EXCAVATE TEST PITS AS REQUIRED.

7. PROPERTY CORNERS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

8. ENGINEER SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION.

9. ALL TRENCHING SHALL BE PERFORMED ACCORDING TO OSHA STANDARDS.

10. ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE.

11. THE CONTRACTOR SHALL CLEAN ALL ADJACENT STREETS OF ANY SEDIMENT OR DEBRIS BY SWEEPING BEFORE THE END OF THE WORKING DAY OR AS REQUIRED BY THE VILLAGE OF HARTLAND.

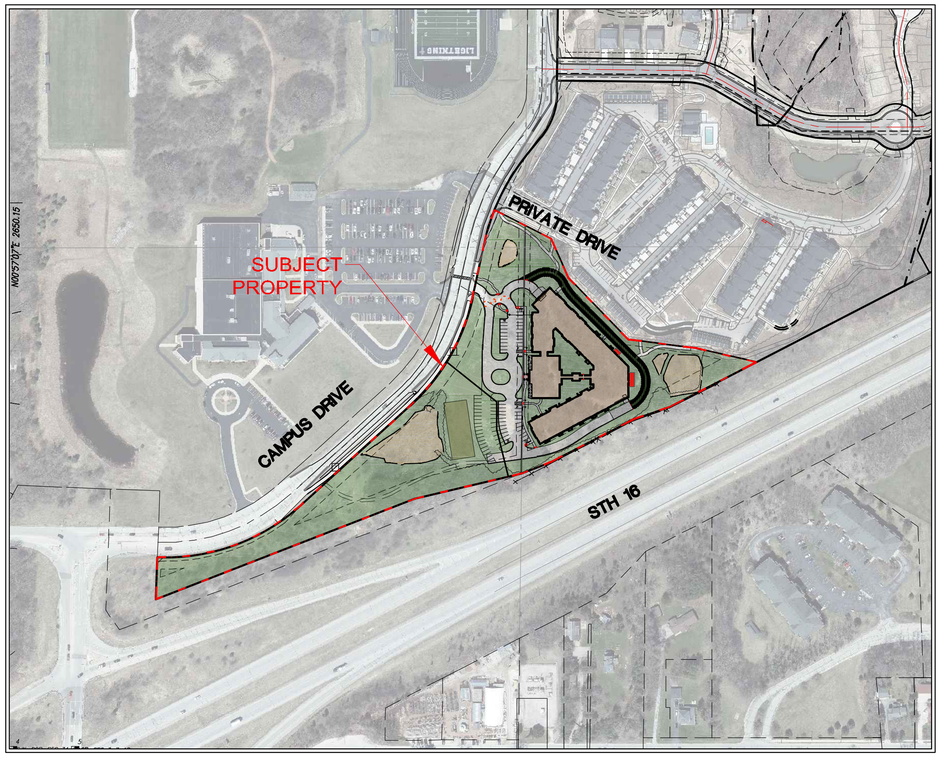
12. THE CONTRACTOR MUST AND IS REQUIRED TO NOTIFY THE VILLAGE OF HARTLAND SEWER AND WATER UTILITY A MINIMUM OF 48 HOURS IN ADVANCE OF WATER MAIN FILLING, WATER MAIN FLUSHING, WATER MAIN TESTING AND WATER MAIN CONNECTIONS. NO CONNECTION SHALL BE MADE TO THE EXISTING WATER SYSTEM UNTIL SAFE SAMPLES FROM THE NEW MAIN HAVE BEEN OBTAINED.

HARTLAND SENIOR LIVING

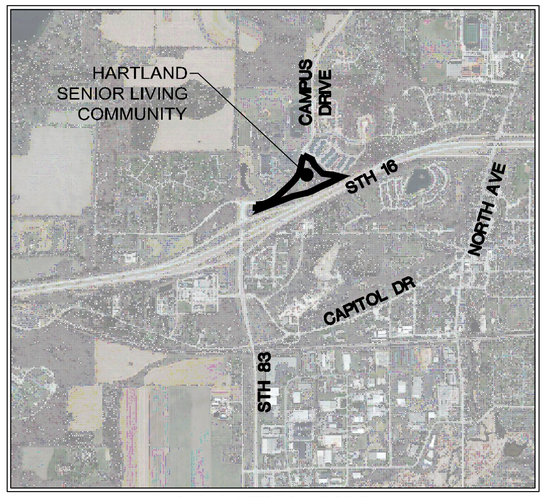
SENIOR LIVING COMMUNITY

SITE DEVELOPMENT PLANS

VILLAGE OF HARTLAND, WISCONSIN



SITE PLAN
SCALE: 1" = 200'



LOCATION MAP
NOT TO SCALE

ENGINEER:
TRIO ENGINEERING, LLC
4100 N CALHOUN ROAD, SUITE 300
BROOKFIELD, WI 53005
CONTACT: MR. JOSHUA PUDELKO, P.E., M.S.
PHONE: 262-790-1480
FAX: 262-790-1481
EMAIL: jpudelko@trioeng.com

SHEET INDEX

CIVIL		
T1	–	COVER SHEET
C1.0	–	EXISTING SITE PLAN
C1.1	–	PROPOSED DEVELOPMENT PLAN
C1.2	–	DETAILED SITE PLAN
C2.0	–	MASTER GRADING PLAN
C2.1	–	DETAILED GRADING PLAN
C3.0	–	EROSION CONTROL PLAN
C4.0	–	UTILITY PLAN
C5.0	–	CONSTRUCTION NOTES & DETAILS

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Matthew J. Pudelko
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PROJECT:
HARTLAND SENIOR LIVING
VILLAGE OF HARTLAND, WISCONSIN
BY: THREE LEAF PARTNERS
13150 WATERTOWN PLANK ROAD, STE 204
ELM GROVE, WI 53122

REVISION HISTORY

DATE	DESCRIPTION
07/01/24	INITIAL SUBMITTAL
08/12/24	PC SUBMITTAL

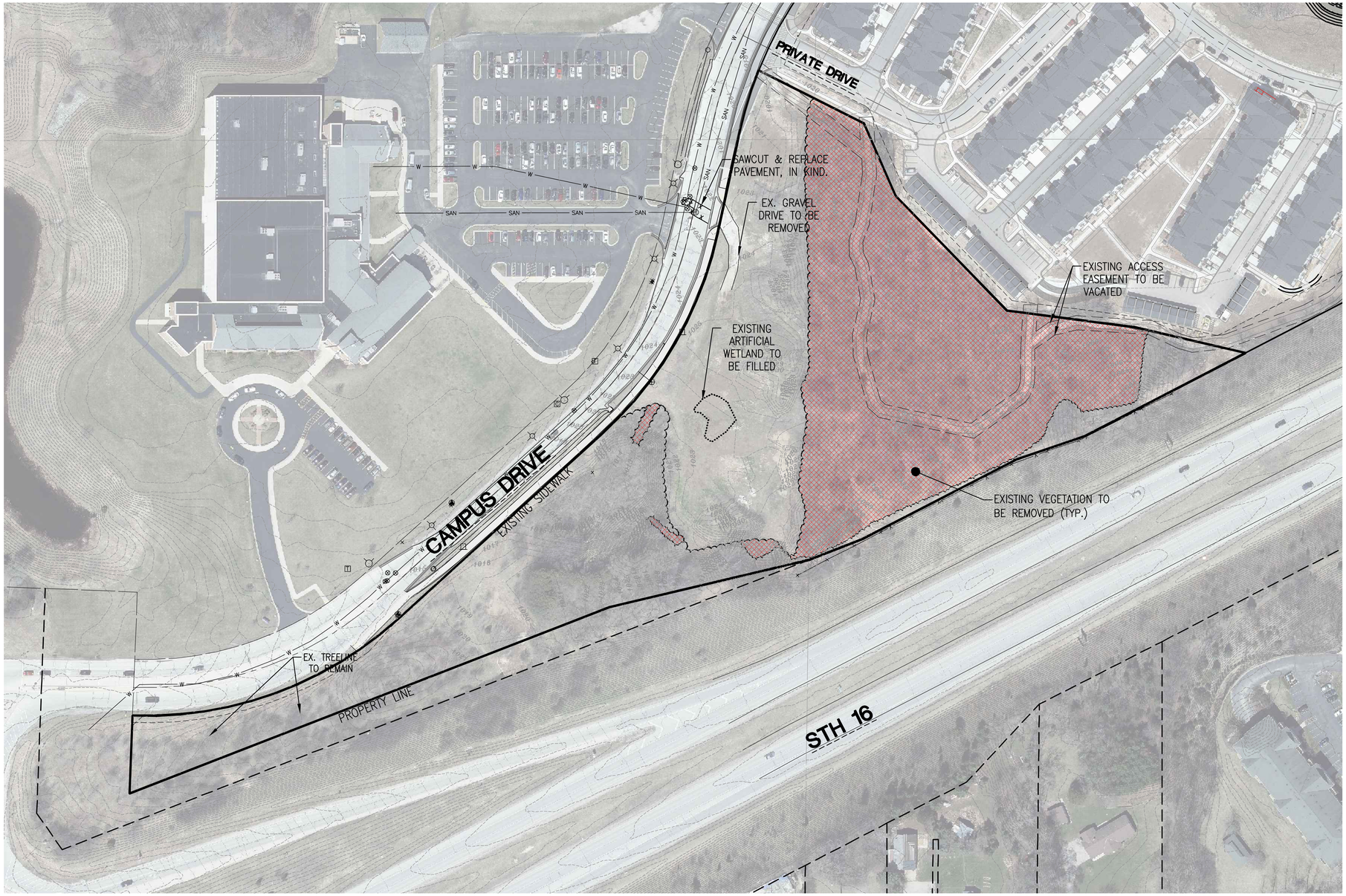
DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
COVER SHEET

SHEET
T1

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING CIVIL PLAN SET 22X34.DWG



0 40 80 160

SCALE: 1" = 80' (22"X34")

SCALE: 1" = 160' (11"X17")

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

CALL DIGGERS HOTLINE 1-800-242-8511

NOTE:
EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.

LEGEND:

850	– EXISTING CONTOUR
SAN	– EXISTING SANITARY SEWER
○	– EXISTING SANITARY MANHOLE
W	– EXISTING WATER MAIN
	– EXISTING HYDRANT
ST	– EXISTING STORM SEWER
○	– EXISTING STORM MANHOLE
□	– EXISTING STORM INLET
G	– EXISTING GAS MAIN
OW	– EXISTING OVERHEAD WIRE
	– EXISTING TRANSFORMER
	– EXISTING ELECTRIC PEDESTAL
T	– EXISTING TELEPHONE LINE
	– EXISTING TELEPHONE PEDESTAL
	– EXISTING CATV PEDESTAL
	– EXISTING POWER POLE

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PROJECT:
HARTLAND SENIOR LIVING
VILLAGE OF HARTLAND, WISCONSIN

BY: THREE LEAF PARTNERS
13150 WATERTOWN PLANK ROAD, STE 204
ELM GROVE, WI 53122

REVISION HISTORY

DATE	DESCRIPTION
07/01/24	INTIAL SUBMITTAL
08/12/24	PC SUBMITTAL

DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
EXISTING SITE PLAN

SHEET
C1.0

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING_CIVIL PLAN SET_22X34.DWG

SITE DATA

EXISTING LOT DATA - LOT 2 OF CSM #12091

EXISTING ZONING:	(I-1) Institutional
EXISTING TOTAL LOT AREA:	8.88 Acres

PROPOSED LOT 1 DATA

TOTAL LOT AREA:	3.35 Acres
GREENSPACE AREA:	3.24 Acres (96.72%)
IMPERVIOUS AREA:	0.11 Acres (3.28%)
BUILDING:	0 Acres
PAVEMENT:	0.11 Acres
SIDEWALK:	0.00 Acres

PROPOSED LOT 2 DATA

TOTAL LOT AREA:	3.76 Acres
GREENSPACE AREA:	1.59 Acres (42.3%)
IMPERVIOUS AREA:	2.17 Acres (57.7%)
BUILDING:	1.25 Acres
PAVEMENT:	0.85 Acres
SIDEWALK:	0.07 Acres

PROPOSED OUTLOT 1 DATA

TOTAL LOT AREA:	1.77 Acres
GREENSPACE AREA:	1.00 Acres (56.50%)
IMPERVIOUS AREA:	0.77 Acres (43.50%)
BUILDING:	0.00 Acres
PAVEMENT:	0.76 Acres
SIDEWALK:	0.01 Acres

TOTAL UNITS	118 UNITS
DENSITY	21.3 UNITS/AC.

REQUIRED PARKING:

PARKING SPACES REQUIRED:	
- ASSISTED & MEMORY CARE (44 BEDS)	1 SPACE/5 BEDS
	+1 SPACE/3 EMPLOYEES
	11 SPACES
- INDEPENDENT LIVING (78-UNITS)	1 SPACE/UNIT
	78 SPACES
TOTAL REQUIRED SPACES	89 SPACES

PROPOSED PARKING:

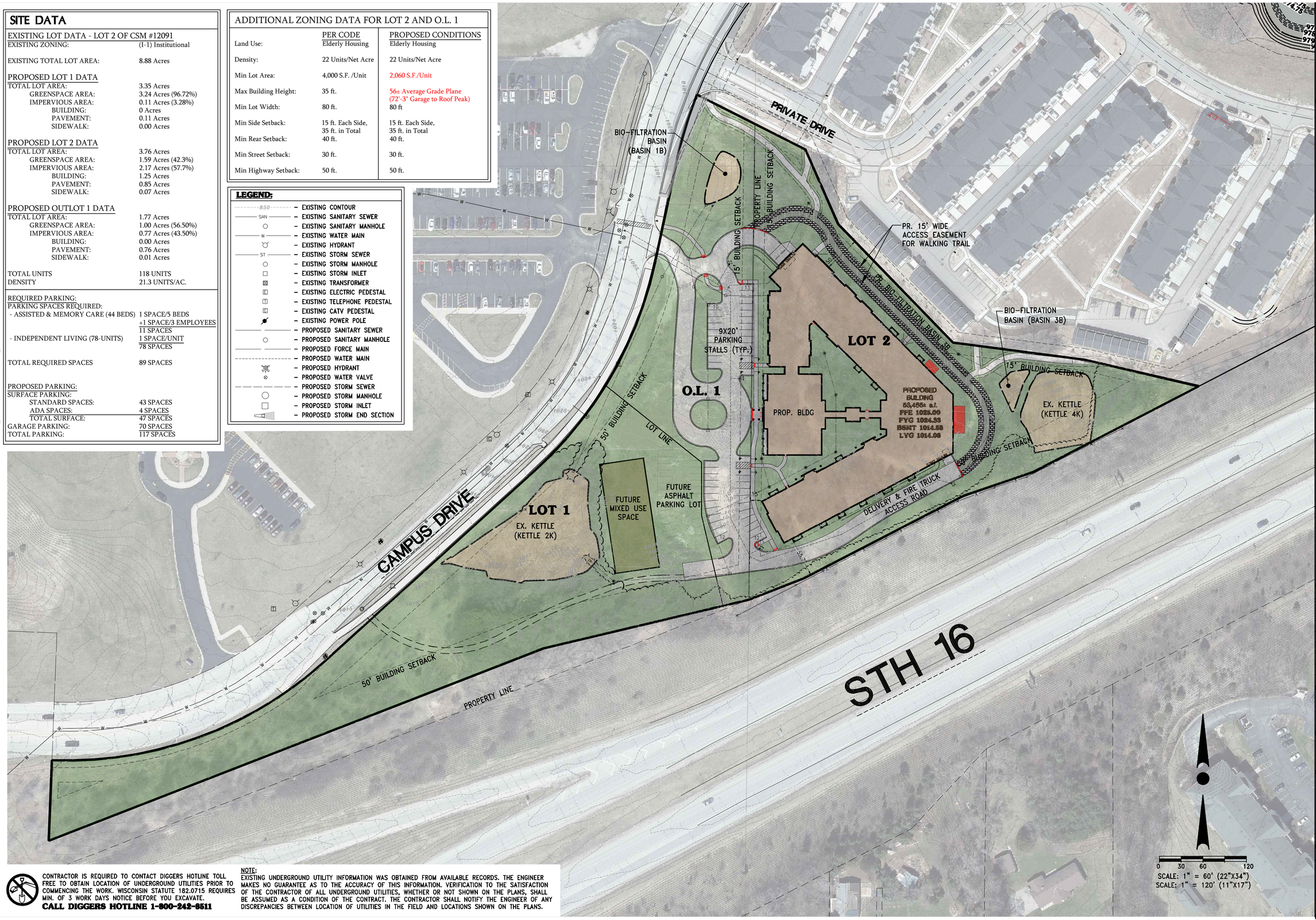
SURFACE PARKING:	
STANDARD SPACES:	43 SPACES
ADA SPACES:	4 SPACES
TOTAL SURFACE:	47 SPACES
GARAGE PARKING:	70 SPACES
TOTAL PARKING:	117 SPACES

ADDITIONAL ZONING DATA FOR LOT 2 AND O.L. 1

	PER CODE	PROPOSED CONDITIONS
Land Use:	Elderly Housing	Elderly Housing
Density:	22 Units/Net Acre	22 Units/Net Acre
Min Lot Area:	4,000 S.F. /Unit	2,060 S.F./Unit
Max Building Height:	35 ft.	56± Average Grade Plane (72'-3" Garage to Roof Peak)
Min Lot Width:	80 ft.	80 ft
Min Side Setback:	15 ft. Each Side, 35 ft. in Total	15 ft. Each Side, 35 ft. in Total
Min Rear Setback:	40 ft.	40 ft.
Min Street Setback:	30 ft.	30 ft.
Min Highway Setback:	50 ft.	50 ft.

LEGEND:

- 850 – EXISTING CONTOUR
- SAN – EXISTING SANITARY SEWER
- EXISTING SANITARY MANHOLE
- W – EXISTING WATER MAIN
- EXISTING HYDRANT
- ST – EXISTING STORM SEWER
- EXISTING STORM MANHOLE
- EXISTING STORM INLET
- EXISTING TRANSFORMER
- E – EXISTING ELECTRIC PEDESTAL
- T – EXISTING TELEPHONE PEDESTAL
- C – EXISTING CATV PEDESTAL
- EXISTING POWER POLE
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY MANHOLE
- PROPOSED FORCE MAIN
- PROPOSED WATER MAIN
- PROPOSED HYDRANT
- PROPOSED WATER VALVE
- PROPOSED STORM SEWER
- PROPOSED STORM MANHOLE
- PROPOSED STORM INLET
- PROPOSED STORM END SECTION



0 30 60 120
SCALE: 1" = 60' (22"X34")
SCALE: 1" = 120' (11"X17")

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.
CALL DIGGERS HOTLINE 1-800-242-8511

NOTE:
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PROJECT:
HARTLAND SENIOR LIVING
VILLAGE OF HARTLAND, WISCONSIN
BY: THREE LEAF PARTNERS
13150 WATERTOWN PLANK ROAD, STE 204
ELM GROVE, WI 53122

REVISION HISTORY

DATE	DESCRIPTION
07/01/24	INITIAL SUBMITTAL
08/12/24	PC SUBMITTAL

DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
PROPOSED DEVELOPMENT PLAN

SHEET
C1.1

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING_CIVIL PLAN SET_22X34.DWG

PAVEMENT NOTE:
ALL DRIVE AISLES SHALL BE HEAVY DUTY ASPHALT PAVEMENT AND ALL PARKING STALLS SHALL BE STANDARD DUTY ASPHALT PAVEMENT

LEGEND:

- 850 – EXISTING CONTOUR
- SAN – EXISTING SANITARY SEWER
- EXISTING SANITARY MANHOLE
- W – EXISTING WATER MAIN
- EXISTING HYDRANT
- ST – EXISTING STORM SEWER
- EXISTING STORM MANHOLE
- EXISTING STORM INLET
- EXISTING TRANSFORMER
- EXISTING ELECTRIC PEDESTAL
- EXISTING TELEPHONE PEDESTAL
- EXISTING CATV PEDESTAL
- EXISTING POWER PLE
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- PROPOSED FORCE MAIN
- PROPOSED WATER MAIN
- PROPOSED HYDRANT
- PROPOSED WATER VALVE
- PROPOSED STORM SEWER
- PROPOSED STORM MANHOLE
- PROPOSED STORM INLET
- PROPOSED STORM END SECTION



0 15 30 60
SCALE: 1" = 30' (22"X34")
SCALE: 1" = 60' (11"X17")

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NOTE:
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13150 WATERTOWN PLANK ROAD, STE 204
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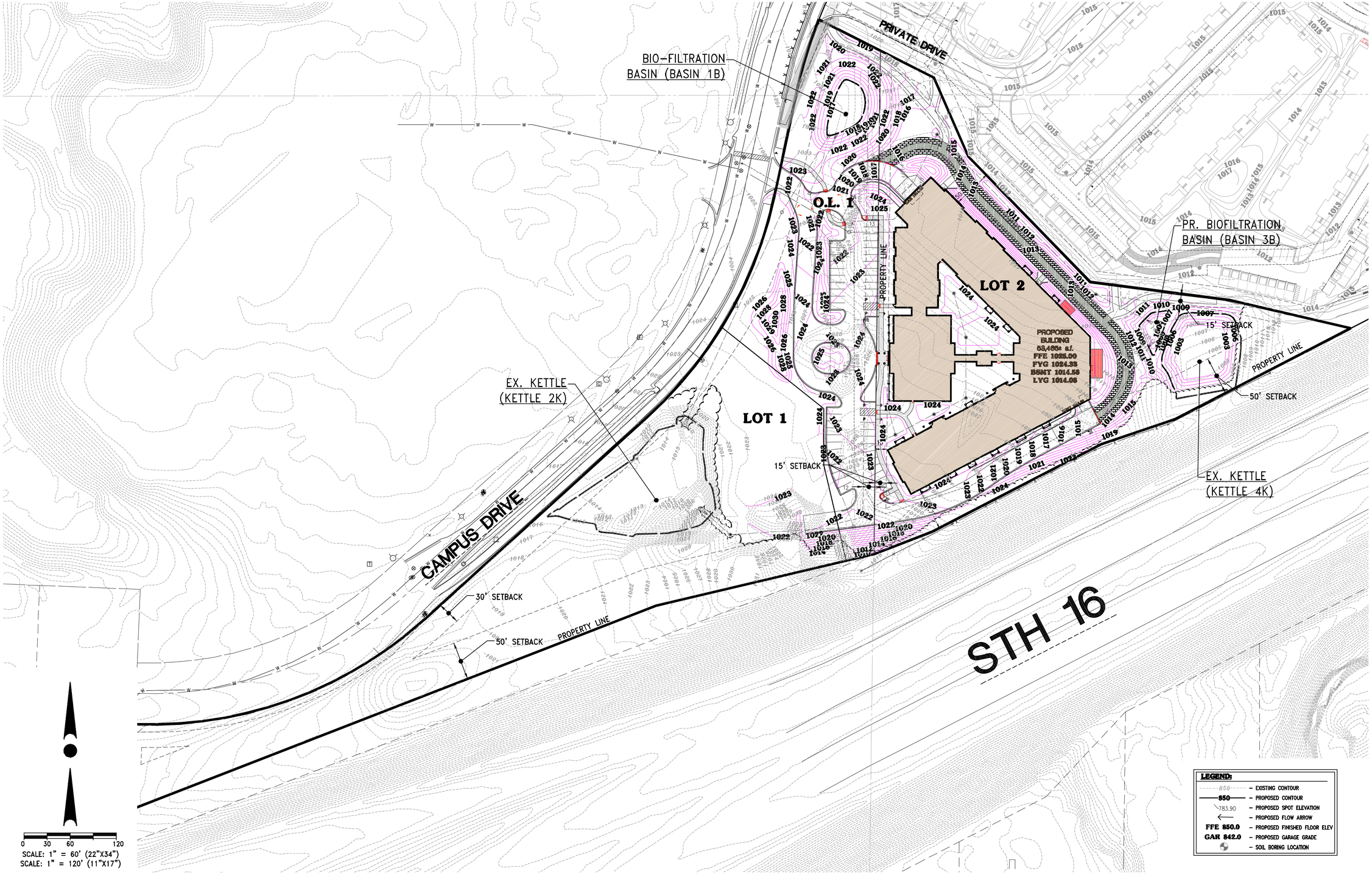
DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
DETAILED SITE PLAN

SHEET
C1.1

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING_CIVIL PLAN SET_22X34.DWG



0 30 60 120
SCALE: 1" = 60' (22"X34")
SCALE: 1" = 120' (11"X17")

LEGEND:

- 850 – EXISTING CONTOUR
- 850 – PROPOSED CONTOUR
- 783.90 – PROPOSED SPOT ELEVATION
- ← – PROPOSED FLOW ARROW
- FFE 850.0 – PROPOSED FINISHED FLOOR ELEV
- GAR 842.0 – PROPOSED GARAGE GRADE
- – SOIL BORING LOCATION

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.
CALL DIGGERS HOTLINE 1-800-242-8511

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PROJECT:
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13150 WATERTOWN PLANK ROAD, STE 204
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REVISION HISTORY

DATE	DESCRIPTION
07/01/24	INTIAL SUBMITTAL
08/12/24	PC SUBMITTAL

DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
MASTER GRADING PLAN

SHEET
C2.0

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING_CIVIL PLAN SET_22X34.DWG

BIO-FILTRATION
BASIN (BASIN 1B)
1-YR = 1016.99
2-YR = 1017.18
10-YR = 1017.74
100-YR = 1019.03

PR. BIO-FILTRATION
BASIN (BASIN 3B)
1-YR = 1006.11
2-YR = 1006.57
10-YR = 1008.03
100-YR = 1008.13

EX. KETTLE (KETTLE 2B)
1-YR = 1011.02
2-YR = 1011.65
10-YR = 1013.51
100-YR = 1015.01

EX. KETTLE (KETTLE 4K
1-YR = 1004.05
2-YR = 1004.37
10-YR = 1005.53
100-YR = 1007.52

PROPOSED BUILDING
53,465± s.f.
FFE 1025.00
FYG 1024.33
BSMT 1014.58
LYG 1014.08

LOT 1

LOT 2

O.L. 1

PRIVATE DRIVE

CAMPUS DRIVE

STH 16

30' BUILDING SETBACK

50' BUILDING SETBACK

15' BUILDING SETBACK

LEGEND:

- 850 – EXISTING CONTOUR
- 850 – PROPOSED CONTOUR
- 783.90 – PROPOSED SPOT ELEVATION
- PROPOSED FLOW ARROW
- FFE 850.0 – PROPOSED FINISHED FLOOR ELEV
- GAR 842.0 – PROPOSED GARAGE GRADE
- SOIL BORING LOCATION

0 20 40 80
SCALE: 1" = 40' (22"X34")
SCALE: 1" = 80' (11"X17")

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.
CALL DIGGERS HOTLINE 1-800-242-8511

NOTE:
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WISCONSIN
Matthew J. Gaudynski
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PROJECT:
HARTLAND SENIOR LIVING
VILLAGE OF HARTLAND, WISCONSIN
BY: THREE LEAF PARTNERS
13150 WATERTOWN PLANK ROAD, STE 204
ELM GROVE, WI 53122

REVISION HISTORY

DATE	DESCRIPTION
07/01/24	INITIAL SUBMITTAL
08/12/24	PC SUBMITTAL

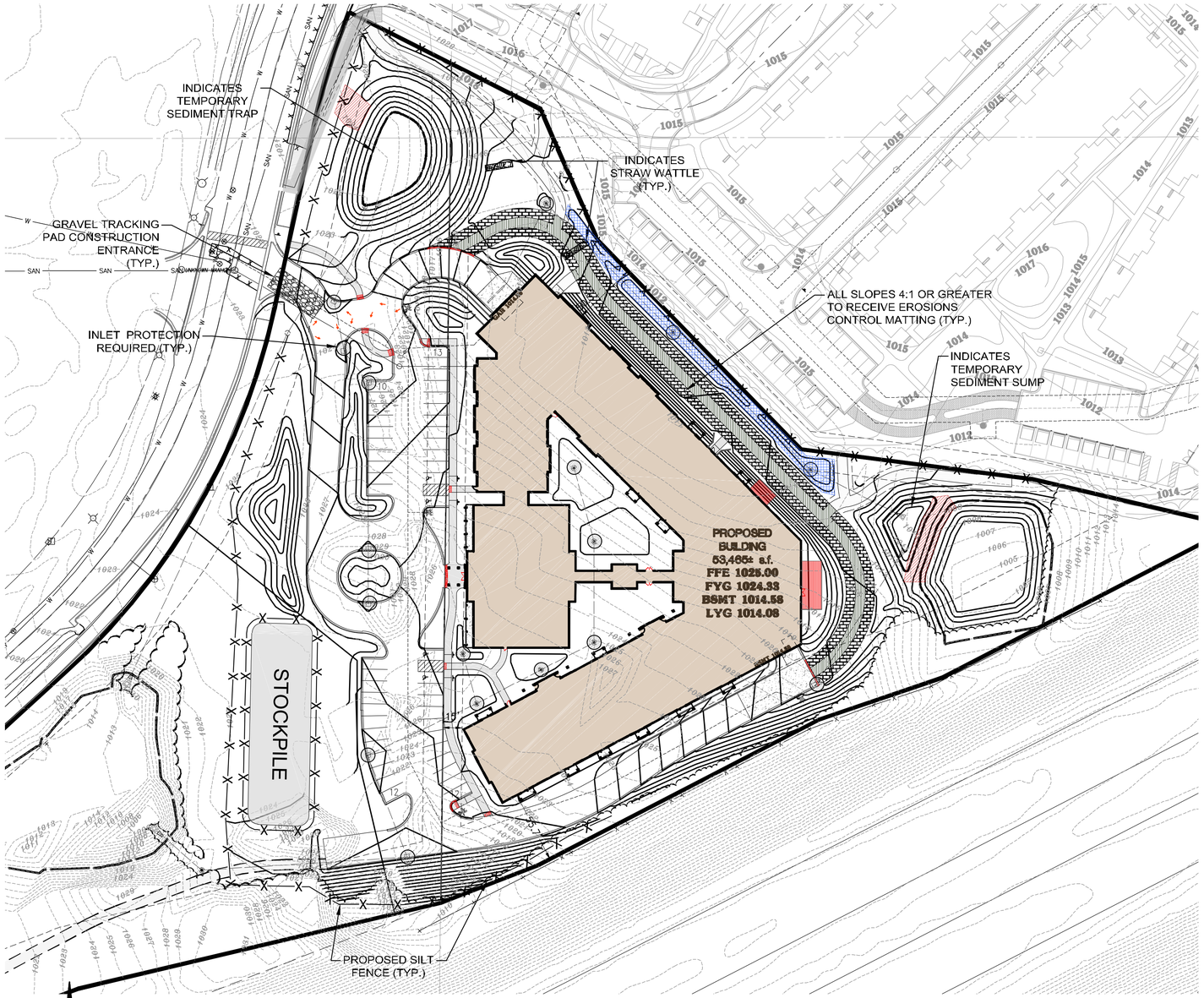
DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
DETAILED GRADING PLAN

SHEET
C2.1

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING_CIVIL PLAN SET_22X34.DWG



0 25 50 100
SCALE: 1" = 80' (22"X34")
SCALE: 1" = 160' (11"X17")

	TEMP. EROSION MATTING (ALL SLOPES 4:1 OR GREATER) N.A. GREEN S75BN CLASS I URBAN, TYPE B
	CHANNEL EROSION MATTING KEP-C100 NATURAL CLASS II, TYPE C
	OVERFLOW SPILLWAY MATTING N.A. GREEN C350 CLASS III, TYPE A

WISCONSIN DEPARTMENT OF NATURAL RESOURCES, CONSERVATION PRACTICE STANDARD:
1052 – NON-CHANNEL EROSION MAT
1053 – CHANNEL EROSION MAT
1055 – SEDIMENT BALE BARRIER (NON-CHANNEL)
1056 – SILT FENCE
1060 – STORM INLET PROTECTION FOR CONST. SITES
1062 – DITCH CHECK
1057 – STONE TRACKING PAD AND TIRE WASHING
1058 – MULCHING FOR CONSTRUCTION SITES
1059 – TEMPORARY SEEDING
1061 – DE-WATERING (IF REQUIRED)
1063 – SEDIMENT TRAP
1064 – SEDIMENT BASIN

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EROSION CONTROL NOTES:
1. ALL EROSION CONTROL METHODS SHALL BE INSTALLED IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS AND CITY OF BROOKFIELD MUNICIPAL CODE 15.20 AND CITY STANDARDS AND REQUIREMENTS.
2. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MINIMIZE EROSION, WATER POLLUTION AND SILTATION CAUSED BY CONSTRUCTION OF THIS PROJECT. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS.
3. EROSION CONTROL PLAN: PRIOR TO BEGINNING WORK, THE CONTRACTOR MAY BE REQUIRED TO SUBMIT AN EROSION AND SEDIMENT CONTROL PLAN, DETAILING SPECIFIC MEASURES THAT WILL BE USED IN THE VARIOUS STAGES OF CONSTRUCTION FOR APPROVAL BY THE ENGINEER.
4. IMPLEMENTATION: THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL AFTER INITIAL EROSION AND SEDIMENT CONTROL DEVICES ARE IN PLACE AND APPROVED BY THE ENGINEER.
5. EROSION CONTROL MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
   A. DIVERT UPSTREAM RUNOFF FROM FLOWING THROUGH THE CONSTRUCTION SITE.
   B. PROTECT DOWNSTREAM OR ADJACENT WATERWAYS AND WETLANDS WITH SILT FENCE.
   C. DELAY STRIPPING TOPSOIL UNTIL REQUIRED FOR CONSTRUCTION.
   D. PLACE SILT FENCE OR EROSION CONTROL BALES IN DITCHES AND OTHER DRAINAGE WAYS TO COLLECT SEDIMENT AND TO SLOW THE VELOCITY OF RUNOFF.
   E. PROTECT STORM SEWER INLETS AND THE UPSTREAM END OF CULVERTS WITH SILT FENCE OR EROSION CONTROL BALES (SEE DETAIL SHEET C5.1).
   F. PROMPT REMOVAL OF EXCAVATED MATERIAL.
   G. PROPER STORAGE OF BACKFILL AND BEDDING MATERIALS INCLUDING PLACING SILT FENCE OR EROSION CONTROL BALES ON THE DOWNSLOPE SIDES OF SPOIL PILES.
   H. CONSTRUCTION OF TRACKING PAD TO CONSTRUCTION SITE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO ROADWAYS.
   I. PROMPT (SAME DAY) CLEANUP OF MATERIAL TRACKED ONTO ADJACENT STREETS.
   J. TIMELY RESTORATION OF DAMAGE SURFACE AREAS.
   K. ALL AREAS THAT WILL REMAIN DISTURBED AFTER OCTOBER
   L. MUST BE TEMPORARY SEEDED AS OF THAT DATE.
6. TEMPORARY EROSION CONTROL MEASURES.
   A. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY EROSION CONTROL MEASURES, WHERE EROSION IS LIKELY TO BE A PROBLEM, PRIOR TO BEGINNING WORK ON THOSE SECTION(S) OF THE PROJECT. TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL AFTER PERMANENT EROSION CONTROL, SUCH AS SEEDING OR SODDING, HAS BEEN ESTABLISHED.
   B. IN THE EVENT THE PERMANENT EROSION CONTROL MEASURES ARE NOT FULLY IMPLEMENTED IN CURRENT CONSTRUCTION SEASON, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY TEMPORARY EROSION CONTROL MEASURES UNTIL AFTER PERMANENT MEASURES HAVE BEEN COMPLETED IN THE FOLLOWING YEAR.
7. ALL EXPOSED SOIL AREAS NOT DISTURBED FOR UP TO SEVEN DAYS MUST BE IMMEDIATELY RESTORED WITH SEED AND MULCH.
8. TRENCH DEWATERING SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARDS.
9. INSTALL SILT FENCE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DETAILS
10. ALL RIP RAP AT PIPE OUTLETS SHALL BE 3'x5' MEDIUM RIP RAP OVER TYPE R FABRIC PER WDOT SPECIFICATIONS UNLESS OTHERWISE DESIGNATED.
11. EROSION CONTROL INSPECTION AND MAINTENANCE
   A. INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER SITE RECEIVES 0.5" OF RAIN IN A 24-HOUR PERIOD DURING CONSTRUCTION.
   B. REPAIR OR REPLACE EROSION CONTROLS THAT ARE DAMAGED OR FAILING.
12. ALL AREAS TO BE SEEDED AND MULCHED SHALL USE WDOT SEED MIXTURE NO. 20. MULCH SHALL APPLIED PER WDOT SPECIFICATIONS USING METHOD B FOR PLACEMENT.

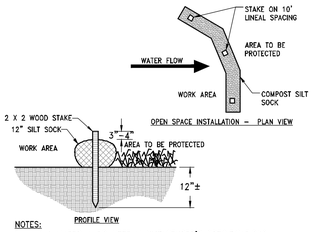
CONSTRUCTION SEQUENCE PLAN
1. APPLY FOR NECESSARY LOCAL PERMITS (EROSION CONTROL, NOTICE OF INTENT, ETC.)
2. INSTALL TRACKING PAD AND SILT FENCE PER PLAN.
3. CLEAR AND GRUB SEDIMENT TRAP/SUMP AREAS.
4. STRIP TOPSOIL AND STOCKPILE. SEED AND STABILIZE STOCKPILES IMMEDIATELY UPON COMPLETION OF STOCKPILING.
4.1. All EXPOSED SOIL AREAS NOT DISTURBED FOR UP TO SEVEN DAYS MUST BE IMMEDIATELY RESTORED WITH SEED AND MULCH.
5. BEGIN CONSTRUCTION OF SILT TRAP AND SEDIMENT SUMP. CONCURRENT WITH CONSTRUCTION OF THE SILT TRAP, BEGIN CONSTRUCTION OF DIVERSION BERMS AND SWALES (WITH DITCH CHECKS) TO DIRECT SITE RUNOFF TO THE SILT TRAP, AS INDICATED ON THE PLAN.
6. CLEAR AND GRUB SITE.
7. ROUGH GRADE SITE.
8. BUILDING CONSTRUCTION.
9. INSTALL SANITARY SEWER AND WATER MAIN.
10. INSTALL STORM SEWER, AND ASSOCIATED EROSION CONTROL MEASURES PER EROSION CONTROL PLAN. NOTE THAT THIS STEP MAY BEGIN CONCURRENT WITH SANITARY SEWER AND WATER MAIN INSTALLATION.
11. FINISH GRADE THE SITE. NOTE THAT THIS STEP MAY OCCUR CONCURRENT WITH STORM SEWER INSTALLATION.
12. INSTALL STONE BASE COURSE, CONSTRUCT CURB , AND PLACE BINDER COURSE PAVEMENT. NOTE THAT THIS STEP MAY BEGIN CONCURRENT WITH FINISH GRADING.
13. RESPREAD 6" OF TOPSOIL AND PLACE SEED (WDNR TECH STD. 1059), MULCH (WDNR TECH STD. 1058), MATTING (WDNR TECH STD. 1052 & 1053) AND OTHER SITE STABILIZERS AS NEEDED. NOTE THAT THIS STEP MAY BEGIN CONCURRENT WITH FINISH GRADING AND ROAD CONSTRUCTION. ALSO NOTE THAT ANY AREAS, SUCH AS POND SLOPES, THAT ARE FINISH GRADED AND TOPSOILED SHALL BE SEEDED, MULCHED AND/OR MATTED IMMEDIATELY AFTER TOPSOIL IS PLACED.
14. REMOVE ALL ACCUMULATED SILT FROM SILT TRAP. FINALIZE CONSTRUCTION OF STORMWATER FACILITY PER PLAN, PROVIDING A 12" DEEP TILL BETWEEN THE BOTTOM OF STONE ELEVATION AND NATIVE SOILS.
15. FINAL SURFACE OF PARKING LOT.
16. LATE SEASON (AFTER OCTOBER 15) STABILIZATION NOTES:
16.1. ALL AREAS THAT WILL REMAIN DISTURBED AFTER OCTOBER 15 MUST BE TEMPORARY SEEDED AS OF THAT DATE.
16.2. ANY FINAL SITE STABILIZATION THAT OCCURS AFTER OCTOBER 15 MAY REQUIRE CONTRACTOR TO COVER DISTURBED AREAS WITH THE ANIONIC FORM OF POLYACRYLAMIDE (PAM), PER WDNR TECHNICAL STANDARD 1050 AND WisDOT PAL LIST. CONTRACTOR SHALL COORDINATE WITH CITY ENGINEER AND WDNR FOR LATE SEASON STABILIZATION REQUIREMENTS.
17. REMOVE CONSTRUCTION EROSION CONTROL MEASURES AFTER SITE IS STABILIZED (SUBSTANTIALLY VEGETATED) AND ALL CONSTRUCTION IS COMPLETE.
18. COMPLETE AS-BUILT SURVEY AND RECORD DRAWINGS, AND SUBMIT TO VILLAGE.
19. REMOVE REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
20. FILE NOT WITH DNR ONCE 70% STABILIZATION IS COMPLETE. (APPROX. PROJECT FINISH DATE 6/15/24)

LATE SEASON STABILIZATION NOTES:
THE OBJECTIVE IS TO STABILIZE THE SITE WITH 70% VEGETATIVE COVERAGE OF ALL PERVIOUS DISTURBED AREAS BEFORE THE END OF THE GROWING SEASON. THIS WILL BE DONE BY SEEDING OF ALL DISTURBED AREAS WITH PERMANENT VEGETATION BY SEPTEMBER 15, 2023. IF THIS DEADLINE IS MISSED, THEN STABILIZATION WILL BE COMPLETED BY:
1. SEEDING OF ALL DISTURBED AREAS WITH TEMPORARY SEED MIX (OATS, WINTER WHEAT, ANNUAL RYE) BY OCTOBER 15. PERMANENT SEED MIX MUST THEN BE IMPLEMENTED BY JUNE 1 OF THE FOLLOWING YEAR.
2. IF THE OCTOBER 15 DEADLINE IS MISSED, COVERAGE OF ALL DISTURBED AREAS BY NOVEMBER 1 WITH:
   a. TOPSOIL, SEED, AND THE MATERIAL CALLED FOR ON THIS PLAN, WHERE TOPSOIL, SEED, AND EROSION CONTROL MATTING IS CALLED FOR.
   b. TOPSOIL, SEED, AND TYPE A SOIL STABILIZER FROM THE WDOT PRODUCT ACCEPTABILITY LIST OR OTHER METHOD APPROVED BY THE CITY ENGINEER FOR ALL AREAS WHERE SEED, TOPSOIL, AND MULCH IS CALLED FOR ON THIS PLAN.
3. IF THE NOVEMBER 1 DEADLINE HAS BEEN MISSED, AND THE CITY ENGINEER HAS DETERMINED THAT IT IS INFEASIBLE TO PLACE TOPSOIL, THE PERMIT APPLICANT SHALL:
   a. APPLY TYPE A SOIL STABILIZER FROM THE WDOT PRODUCT ACCEPTABILITY LIST TO ALL DISTURBED AREAS.
   b. INSTALL DITCH CHECKS IN ALL DITCHES WITH SLOPE GREATER THAN 0.5% AT INTERVALS SUCH THAT THE TOP OF THE DOWNHILL DITCH CHECK IS AT THE ELEVATION OF THE FOOT OF THE UPHILL DITCH CHECK. DITCH CHECKS SHALL BE EITHER:
      i. TRIANGULAR FOAM-CORE
      ii. STONE INSTALLED PER THE WDNR TECHNICAL STANDARD
      iii. COMPOST-FILLED TUBES, OR
      iv. A COMPARABLE PRODUCT AS APPROVED BY THE CITY ENGINEER.

TEMPORARY DEWATERING GEOTEXTILE BAG

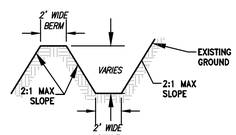
1. IF DEWATERING IS REQUIRED, A GEOTEXTILE DEWATERING BAG MEETING THE SPECIFICATIONS IN THE TABLE TO THE RIGHT SHALL BE UTILIZED AS STATED ON THE EROSION CONTROL PLAN.
2. REFER TO WDNR TECHNICAL STANDARDS 1061 AND MANUFACTURERS REQUIREMENTS FOR INSTALLATION AND MAINTENANCE REQUIREMENTS.
3. CONTRACTOR MAY USE THRACE-LINQ, INC 275EX GEOTEXTILE BAG, OR FUNCTIONAL EQUIVALENT TO MEET TECHNICAL STANDARD REQUIREMENTS.
4. CONTRACTOR MAY INSTALL HAY BALES AROUND DEWATERING BAG FOR STABILIZATION AS DICTATED BY SITE CONDITIONS.
5. MAX FLOW RATE SHALL NOT EXCEED 100GPM

Property	Test Method	Type I Value
Maximum Apparent Opening Sizes	ASTM D-4751	0.212 mm
Grab Tensile Strength	ASTM D-4632	200 lbs.
Mullen Burst	ASTM D-3786	350 psi
Permeability	ASTM D-4491	0.28 cm/sec
Fabric	Nominal Representative Weight	8 oz



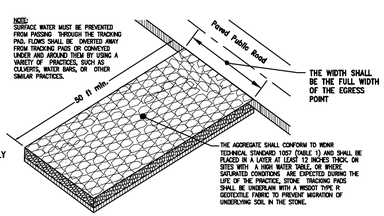
NOTES:
1. ALL MATERIAL TO MEET MANUFACTURER'S SPECIFICATIONS
2. REFER TO MANUFACTURERS AND/OR SUPPLIERS. SPECIFICATIONS FOR INSTALLATION RECOMMENDATIONS.
3. ACTUAL LOCATION MAY BE FIELD ADJUSTED TO MINIMIZE DISTURBANCE TO EXISTING VEGETATION.
4. INSTALL EVERY 200' OR 2' GRADE DROP IN SWALES.

STRAW WATTLE DITCH CHECK INSTALLATION DETAIL
NO SCALE



NOTES:
1. TEMPORARY SEED/STABILIZE BERMS AND DITCHES IMMEDIATELY AS ANY SECTION IS COMPLETED PER WisDOT STD. SPEC.
2. REFER TO WISCONSIN DNR TECHNICAL STANDARD 1066 FOR ADDITIONAL INFORMATION.

DIVERSION BERM/SWALE DETAIL
NO SCALE



CONSTRUCTION ENTRANCE DETAIL
NO SCALE

WISCONSIN Matthew J. Baldy E-40533 OCONOMOWOC, WI PROFESSIONAL ENGINEER

TRIO DESIGN • LAND SURVEYING CIVIL ENGINEERING
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PROJECT: HARTLAND SENIOR LIVING
VILLAGE OF HARTLAND, WISCONSIN
BY: THREE LEAF PARTNERS
13150 WATERTOWN PLANK ROAD, STE 204
ELM GROVE, WI 53122

REVISION HISTORY	
DATE	DESCRIPTION
07/01/24	INITIAL SUBMITTAL
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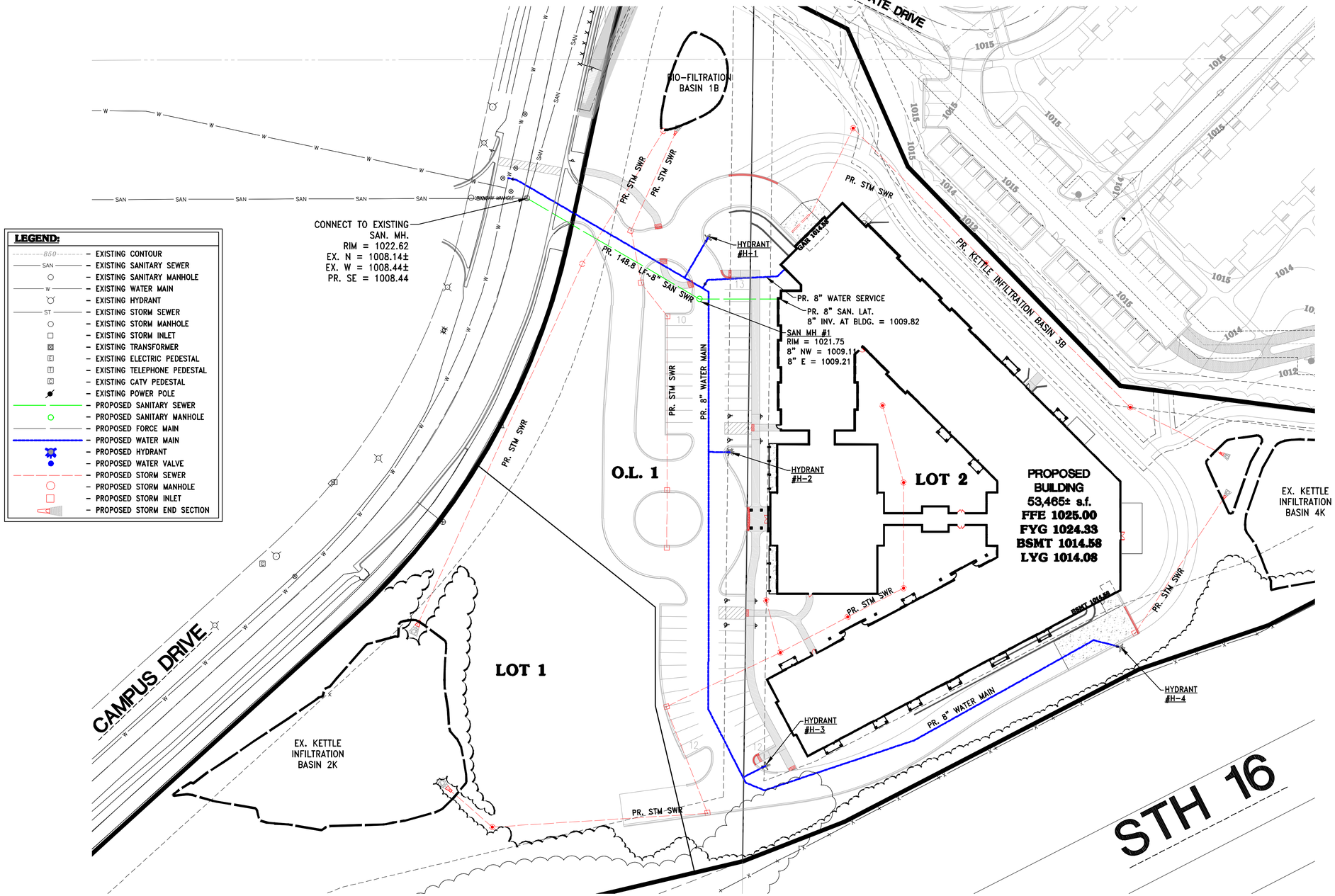
DATE: AUGUST 12, 2024

JOB NUMBER: 24-29-1138

DESCRIPTION: EROSION CONTROL PLAN

SHEET C3.0

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING_CIVIL PLAN SET_22X34.DWG



LEGEND:

- 850 – EXISTING CONTOUR
- SAN – EXISTING SANITARY SEWER
- – EXISTING SANITARY MANHOLE
- W – EXISTING WATER MAIN
- – EXISTING HYDRANT
- ST – EXISTING STORM SEWER
- – EXISTING STORM MANHOLE
- – EXISTING STORM INLET
- – EXISTING TRANSFORMER
- – EXISTING ELECTRIC PEDESTAL
- – EXISTING TELEPHONE PEDESTAL
- – EXISTING CATV PEDESTAL
- – EXISTING POWER POLE
- – PROPOSED SANITARY SEWER
- – PROPOSED SANITARY MANHOLE
- – PROPOSED FORCE MAIN
- – PROPOSED WATER MAIN
- – PROPOSED HYDRANT
- – PROPOSED WATER VALVE
- – PROPOSED STORM SEWER
- – PROPOSED STORM MANHOLE
- – PROPOSED STORM INLET
- – PROPOSED STORM END SECTION

0 20 40 80

SCALE: 1" = 40' (22"X34")
SCALE: 1" = 80' (11"X17")

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BY: THREE LEAF PARTNERS
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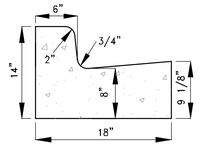
DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
UTILITY PLAN

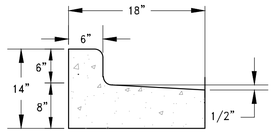
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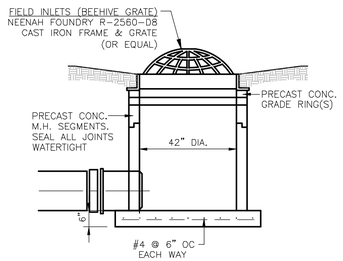
PRIVATE 18" VERTICAL FACE CURB & GUTTER DETAIL

NO SCALE



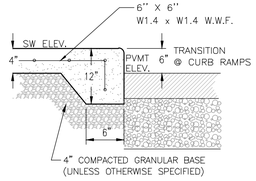
PRIVATE 18" REJECT VERTICAL FACE CURB DETAIL

NO SCALE



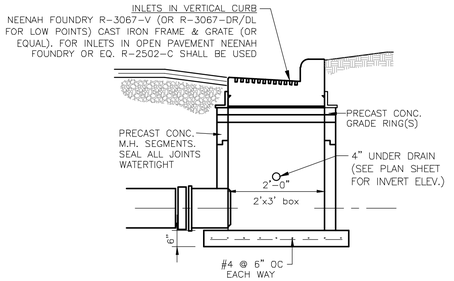
STORM SEWER FIELD INLET DETAIL

NO SCALE



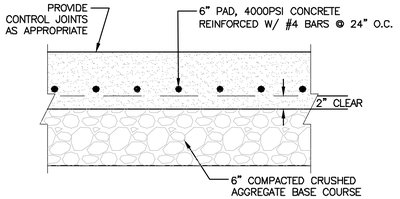
INTEGRAL SIDEWALK & BARRIER CURB

(WHERE SIDEWALK ADJOINS DRIVEWAYS/PARKING AREAS) NO SCALE



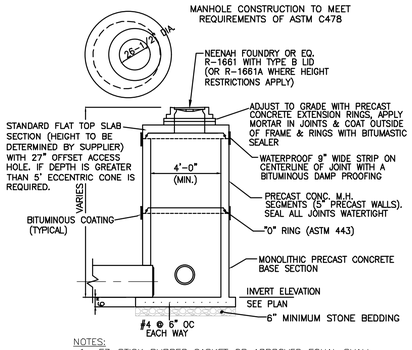
STORM SEWER INLET

NO SCALE



TYPICAL 6" CONCRETE SECTION

NO SCALE

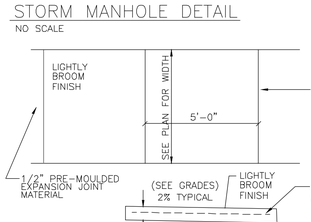


NOTES:

1. EZ-STICK RUBBER GASKET OR APPROVED EQUAL SHALL BE PLACED AT ALL JOINTS BETWEEN ADJUSTING RINGS.
2. MINIMUM OF 2", MAXIMUM OF 14" OF ADJUSTING RINGS.
3. CLEAN UNDERSIDE OF ADJUSTING RINGS OR CAST IRON FRAME AND SET IN PLACE.
4. TUCK POINT MORTAR INTO ANNULAR CRACK AND BACK PLASTER INSIDE AND OUTSIDE OF JOINTS.
5. MEET REQUIREMENTS OF ASTM C478.

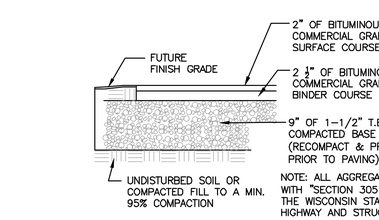
STORM MANHOLE DETAIL

NO SCALE



CONCRETE SIDEWALK

NO SCALE



NOTE: ALL AGGREGATE PROVIDED MUST COMPLY WITH "SECTION 305 DENSE GRADED BASE" OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

STANDARD DUTY ASPHALT PAVING SECTION

NO SCALE

NOTE:

1. UNLESS OTHERWISE NOTED, STANDARD DUTY PAVEMENT SHALL BE USED IN AREAS CONTAINING PARKING STALLS.
2. PROOFROLL BASE PER GEOTECHNICAL REPORT RECOMMENDATIONS.

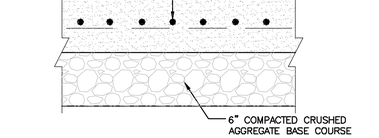
NOTE: ALL AGGREGATE PROVIDED MUST COMPLY WITH "SECTION 305 DENSE GRADED BASE" OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

HEAVY DUTY ASPHALT PAVING SECTION

NO SCALE

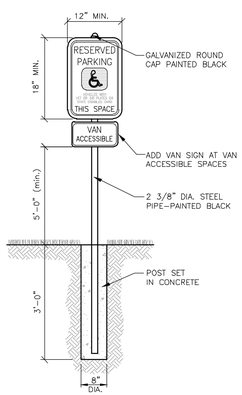
NOTE:

1. UNLESS OTHERWISE NOTED, HEAVY DUTY PAVEMENT SHALL BE USED WITHIN DRIVE AISLES, AND 7' FIRE LANES.
2. PROOFROLL BASE PER GEOTECHNICAL REPORT RECOMMENDATIONS.



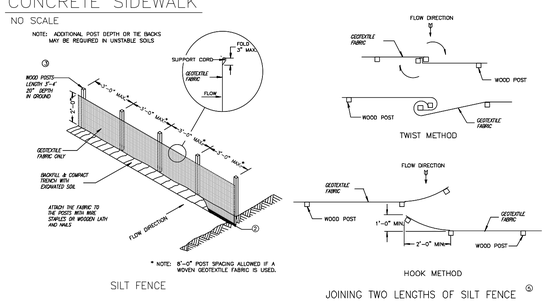
CONCRETE DUMPSTER PAD REQUIREMENT

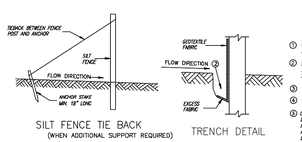
NO SCALE



HANDICAP SIGNAGE DETAIL

NO SCALE





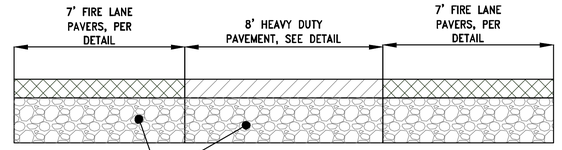
GENERAL NOTES

1. HORIZONTAL SPACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 8" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1" X 1" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS A) OVERLAP THE END POSTS AND TRIO, OR MORE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

SILT FENCE INSTALLATION DETAIL

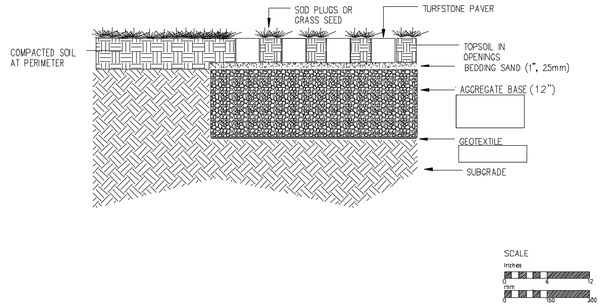
NO SCALE

This drawing based on Wisconsin Department of Transportation Standard Detail Drawing 8 E 9-6.

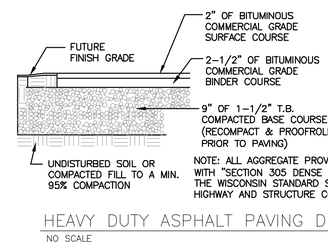


22' WIDE FIRE ACCESS LANE DETAIL

NO SCALE



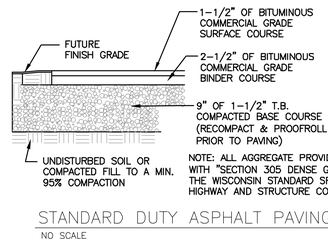
COMMERCIAL PAVING	NOTES: This cross section is intended for preliminary design purposes only. Confirm site conditions and consult with a qualified design professional or installer prior to installation.
PAVER DETAIL	FIRE ACCESS ROAD
CREATED:	Turfstone Paver
REVISED: *January 17, 2018*	UNILOCK DESIGNED TO CONNECT.
FILE NAME FIREROAD.DWG	



NOTE: ALL AGGREGATE PROVIDED MUST COMPLY WITH "SECTION 305 DENSE GRADED BASE" OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

HEAVY DUTY ASPHALT PAVING DETAIL

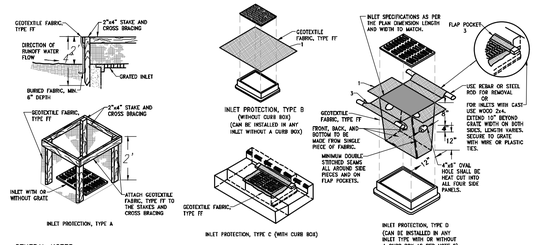
NO SCALE



NOTE: ALL AGGREGATE PROVIDED MUST COMPLY WITH "SECTION 305 DENSE GRADED BASE" OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION

STANDARD DUTY ASPHALT PAVING DETAIL

NO SCALE



GENERAL NOTES:

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

1. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

2. FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

3. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2x4.

INSTALLATION NOTES:

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OT OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3", WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION DETAIL

NO SCALE

TRIO
DESIGN • LAND SURVEYING
CIVIL ENGINEERING
4100 N. CALHOUN RD., SUITE 300
BROOKFIELD, WI 53005
PHONE: (262) 790-1480
FAX: (262) 790-1481
EMAIL: jpudelko@trioeng.com

WISCONSIN
Matthew J. Baldy
E-40533
OCONOMOWOC, WI
PROFESSIONAL ENGINEER

PROJECT:
HARTLAND SENIOR LIVING
VILLAGE OF HARTLAND, WISCONSIN
BY: THREE LEAF PARTNERS
13150 WATERTOWN PLANK ROAD, STE 204
ELM GROVE, WI 53122

REVISION HISTORY	
DATE	DESCRIPTION
07/01/24	INTIAL SUBMITTAL
08/12/24	PC SUBMITTAL

DATE:
AUGUST 12, 2024

JOB NUMBER:
24-29-1138

DESCRIPTION:
CONSTRUCTION NOTES & DETAILS

SHEET
C5.0

X:\2024\24-29-1138 HARTLAND SENIOR LIVING FOR THREE LEAF\DRAWINGS\CONSTRUCTION PLANS\HARTLAND SEN. LIVING_CIVIL PLAN SET_22X34.DWG

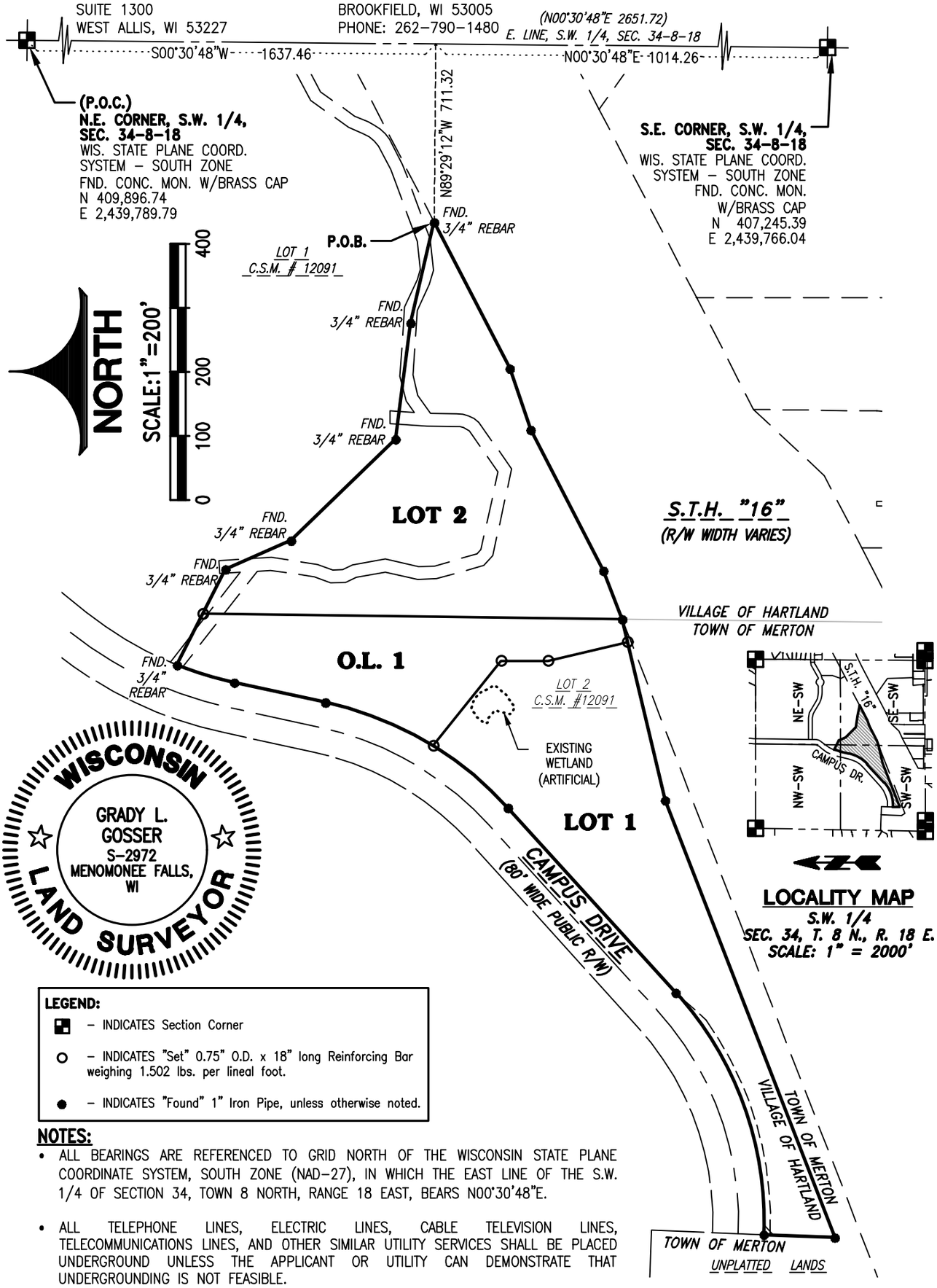
CERTIFIED SURVEY MAP NO. _____

BEING A REDIVISION OF LOT 2 OF CERTIFIED SURVEY MAP NO. 12091, LOCATED IN A PART OF THE NORTHWEST 1/4, NORTHEAST 1/4, SOUTHWEST 1/4 AND SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 34. TOWN 8 NORTH, RANGE 18 EAST, IN THE VILLAGE OF HARTLAND, WAUKESHA COUNTY, WISCONSIN.

OVERALL DETAIL SHEET

OWNER:
LUTHERAN HIGH SCHOOL ASSOCIATION
OF GREATER MILWAUKEE
10427 W. LINCOLN AVENUE
SUITE 1300
WEST ALLIS, WI 53227

PREPARED BY:
TRIO ENGINEERING, LLC
4100 N. CALHOUN ROAD,
SUITE 300
BROOKFIELD, WI 53005
PHONE: 262-790-1480



LOCALITY MAP
S.W. 1/4
SEC. 34, T. 8 N., R. 18 E.
SCALE: 1" = 2000'

WISCONSIN
GRADY L. GOSSER
S-2972
MENOMONEE FALLS, WI
LAND SURVEYOR

LEGEND:

- ■ – INDICATES Section Corner
- ○ – INDICATES "Set" 0.75" O.D. x 18" long Reinforcing Bar weighing 1.502 lbs. per lineal foot.
- ● – INDICATES "Found" 1" Iron Pipe, unless otherwise noted.

NOTES:

- ALL BEARINGS ARE REFERENCED TO GRID NORTH OF THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD-27), IN WHICH THE EAST LINE OF THE S.W. 1/4 OF SECTION 34, TOWN 8 NORTH, RANGE 18 EAST, BEARS N00°30'48"E.
- ALL TELEPHONE LINES, ELECTRIC LINES, CABLE TELEVISION LINES, TELECOMMUNICATIONS LINES, AND OTHER SIMILAR UTILITY SERVICES SHALL BE PLACED UNDERGROUND UNLESS THE APPLICANT OR UTILITY CAN DEMONSTRATE THAT UNDERGROUNDING IS NOT FEASIBLE.

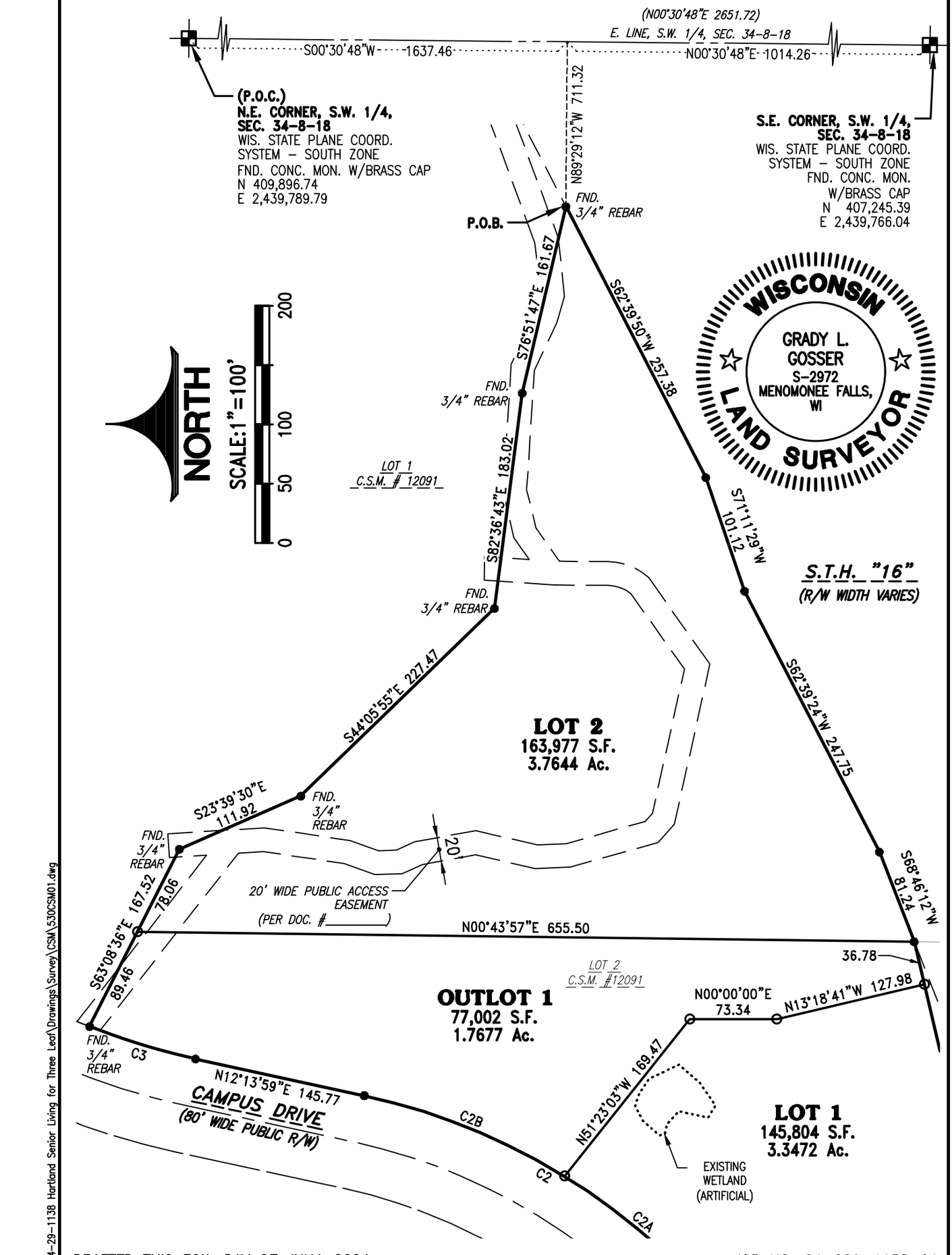
DRAFTED THIS 30th DAY OF JULY, 2024
THIS INSTRUMENT WAS DRAFTED BY GRADY L. GOSSER, S-2972

JOB NO. 24-029-1138-01
SHEET 1 OF 6

X:\2024\24-29-1138 Hartland Senior Living for Three Leaf\Drawings\Survey\CSM\530CSM01.dwg

CERTIFIED SURVEY MAP NO. _____

BEING A REDIVISION OF LOT 2 OF CERTIFIED SURVEY MAP NO. 12091, LOCATED IN A PART OF THE NORTHWEST 1/4, NORTHEAST 1/4, SOUTHWEST 1/4 AND SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 34. TOWN 8 NORTH, RANGE 18 EAST, IN THE VILLAGE OF HARTLAND, WAUKESHA COUNTY, WISCONSIN.



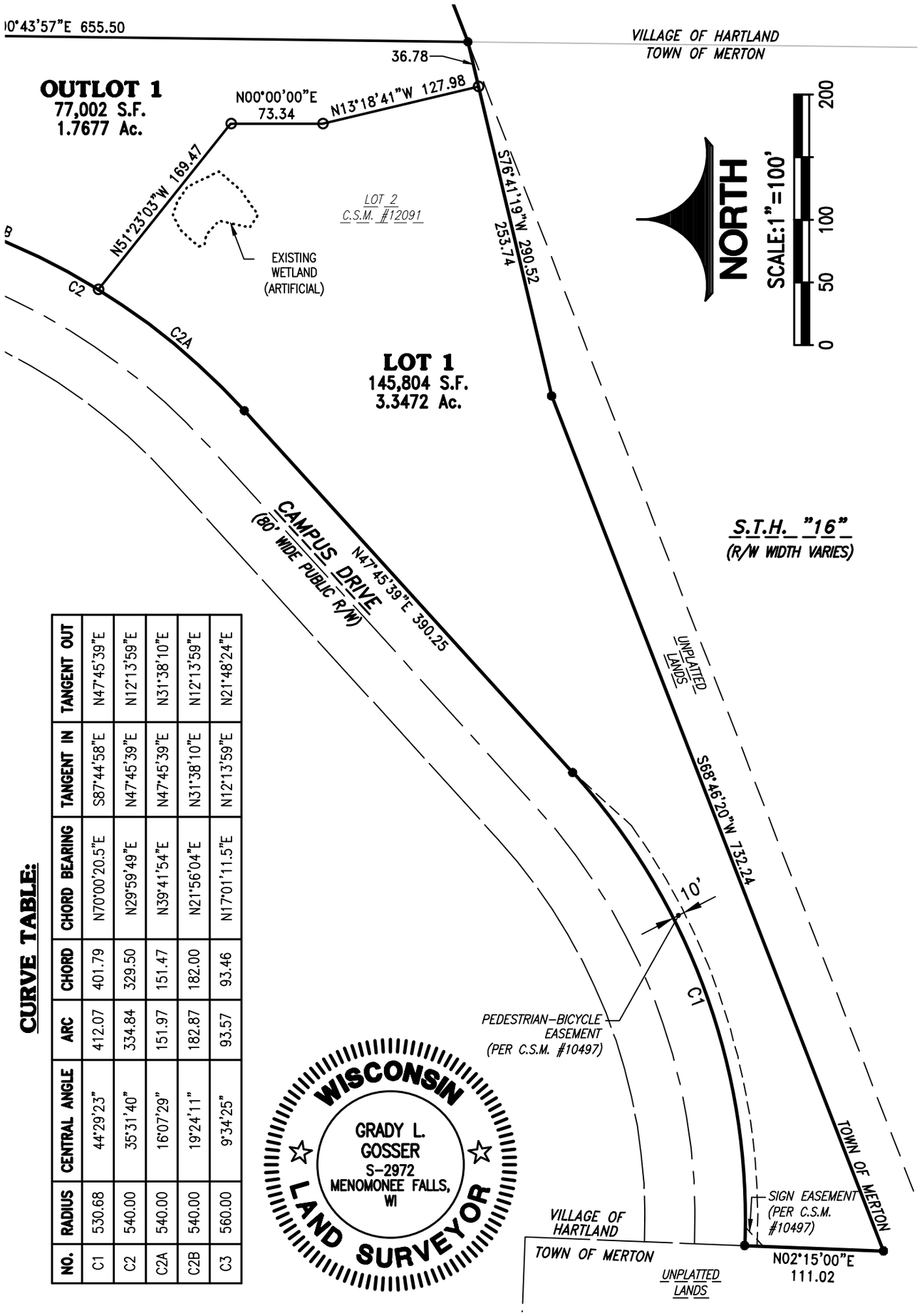
DRAFTED THIS 30th DAY OF JULY, 2024
THIS INSTRUMENT WAS DRAFTED BY GRADY L. GOSSER, S-2972

JOB NO. 24-029-1138-01
SHEET 2 OF 6

X:\2024\24-29-1138 Hartland Senior Living for Three Leaf\Drawings\Survey\CSM\530CSM01.dwg

CERTIFIED SURVEY MAP NO. _____

BEING A REDIVISION OF LOT 2 OF CERTIFIED SURVEY MAP NO. 12091, LOCATED IN A PART OF THE NORTHWEST 1/4, NORTHEAST 1/4, SOUTHWEST 1/4 AND SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 34. TOWN 8 NORTH, RANGE 18 EAST, IN THE VILLAGE OF HARTLAND, WAUKESHA COUNTY, WISCONSIN.



CURVE TABLE:

NO.	RADIUS	CENTRAL ANGLE	ARC	CHORD	CHORD BEARING	TANGENT IN	TANGENT OUT
C1	530.68	44°29'23"	412.07	401.79	N70°00'20.5"E	S87°44'58"E	N47°45'39"E
C2	540.00	35°31'40"	334.84	329.50	N29°59'49"E	N47°45'39"E	N12°13'59"E
C2A	540.00	16°07'29"	151.97	151.47	N39°41'54"E	N47°45'39"E	N31°38'10"E
C2B	540.00	19°24'11"	182.87	182.00	N21°56'04"E	N31°38'10"E	N12°13'59"E
C3	560.00	9°34'25"	93.57	93.46	N17°01'11.5"E	N12°13'59"E	N21°48'24"E

WISCONSIN
GRADY L. GOSSER
S-2972
MENOMONEE FALLS, WI
LAND SURVEYOR

DRAFTED THIS 30th DAY OF JULY, 2024
THIS INSTRUMENT WAS DRAFTED BY GRADY L. GOSSER, S-2972

JOB NO. 24-029-1138-01
SHEET 3 OF 6

X:\2024\24-29-1138 Hartland Senior Living for Three Leaf\Drawings\Survey\CSM\530CSM01.dwg

CERTIFIED SURVEY MAP NO._____

BEING A REDIVISION OF LOT 2 OF CERTIFIED SURVEY MAP NO. 12091, LOCATED IN A PART OF THE NORTHWEST 1/4, NORTHEAST 1/4, SOUTHWEST 1/4 AND SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 34. TOWN 8 NORTH, RANGE 18 EAST, IN THE VILLAGE OF HARTLAND, WAUKESHA COUNTY, WISCONSIN.

SURVEYOR'S CERTIFICATE:

STATE OF WISCONSIN)
) ss
COUNTY OF WAUKESHA)

I, Grady L. Gosser, Professional Land Surveyor, do hereby certify:

That I have surveyed, divided and mapped a redivision of Lot 2 of Certified Survey Map No. 12091, recorded on November 25, 2020 in the Office of the Waukesha County Register of Deeds as Document No. 4533896, located in a part of the Northwest 1/4, Northeast 1/4, Southwest 1/4, and Southeast 1/4 of the Southwest 1/4 of Section 34, Town 8 North, Range 18 East, in the Village of Hartland, Waukesha County, Wisconsin.

Said Parcel contains 386,783 Square Feet (or 8.8793 Acres) of land, more or less.

That I have made such survey, land division and map by the direction of the **Lutheran High School Association of Greater Milwaukee,** owner of said lands.

That such map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

That I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and the Subdivision Regulations of the Village of Hartland in surveying, dividing and mapping the same.

Dated this_____ day of_____, 2024.

_____
Grady L. Gosser, P.L.S.
Professional Land Surveyor, S-2972
TRIO ENGINEERING, LLC
4100 N. Calhoun Road, Suite 300
Brookfield, WI 53005
Phone: (262)790-1480 Fax: (262)790-1481

CERTIFIED SURVEY MAP NO._____

BEING A REDIVISION OF LOT 2 OF CERTIFIED SURVEY MAP NO. 12091, LOCATED IN A PART OF THE NORTHWEST 1/4, NORTHEAST 1/4, SOUTHWEST 1/4 AND SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 34. TOWN 8 NORTH, RANGE 18 EAST, IN THE VILLAGE OF HARTLAND, WAUKESHA COUNTY, WISCONSIN.

OWNER'S CERTIFICATE:

The **Lutheran High School Association of Greater Milwaukee,** duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said Corporation caused the land described on this map to be surveyed, divided and mapped as represented on this map in accordance with the provisions of Chapter 236 of the Wisconsin Statutes and ordinances of the Village of Hartland, this day of _____, 20 ____.

_____
Cole Braun, CEO

STATE OF WISCONSIN)
) ss
COUNTY OF)

Personally came before me this _____ day of _____, 20____, Cole Braun, of the above named Corporation, to me known to be the person who executed the foregoing instrument, and to me known to be the Representative of said Corporation, and acknowledged that he executed the foregoing instrument as such officer as the deed of said Corporation, by its authority.

_____
Print Name: _____
Notary Public, _____County, WI
My commission expires: _____

VILLAGE BOARD APPROVAL:

This Certified Survey Map is hereby approved by the Village Board of Hartland on this ___ day of _____, 20 _____.

_____ _____
Jeffrey Pfannerstill, Village President Date:

_____ _____
Sandee Policello, Village Clerk Date:

Drafted this 30th Day of JULY, 2024 JOB NO. 24-029-1138-07
THIS INSTRUMENT WAS DRAFTED BY GRADY L. GOSSER, S-2972 SHEET 5 OF 6
X:\2024\24-29-1138 Hartland Senior Living for Three Leaf\Documents\Survey\530-Certified Survey Map\CSM SENIOR LIVING.doc

CERTIFIED SURVEY MAP NO._____

BEING A REDIVISION OF LOT 2 OF CERTIFIED SURVEY MAP NO. 12091, LOCATED IN A PART OF THE NORTHWEST 1/4, NORTHEAST 1/4, SOUTHWEST 1/4 AND SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 34. TOWN 8 NORTH, RANGE 18 EAST, IN THE VILLAGE OF HARTLAND, WAUKESHA COUNTY, WISCONSIN.

VILLAGE PLANNING COMMISSION APPROVAL:

This Certified Survey Map is hereby approved by the Village of Hartland Planning Commission on this _____day of_____, 20 _____.

_____ _____

Jeffrey Pfannerstill, Chairperson Date:

_____ _____

Sandee Policello, Village Clerk Date:

Drafted this 30th Day of JULY, 2024 JOB NO. 24-029-1138-07

THIS INSTRUMENT WAS DRAFTED BY GRADY L. GOSSER, S-2972 SHEET 6 OF 6

X:\2024\24-29-1138 Hartland Senior Living for Three Leaf\Documents\Survey\530-Certified Survey Map\CSM SENIOR LIVING.doc

AUGUST 12, 2024

PHASE I ENVIRONMENTAL SITE ASSESSMENT

CAMPUS DRIVE
TAX KEY HAV0423981056
HARTLAND, WISCONSIN

PROJECT NO. 843-004-001

PREPARED FOR:

3LP HARTLAND SENIOR, LLC
504 WEST JUNEAU AVENUE
MILWAUKEE, WI 53203

PREPARED BY:

Endpoint Solutions
6871 South Lovers Lane
Franklin, Wisconsin 53132
(414) 427-1200

EXECUTIVE SUMMARY

3LP Hartland Senior, LLC retained Endpoint Solutions Corp. (Endpoint) to conduct a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM International (ASTM) Standard Practice E1527-21 and the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property identified as **Tax Key HAV0423981056,** in the Village of Hartland, Waukesha County, Wisconsin ("subject property").

SUBJECT PROPERTY DESCRIPTION

The subject property consists of a single irregular-shaped parcel (Tax Key HAV0423981056) totaling approximately 8.96-acres. The subject property is currently vacant; however, historically contained a residence with farmsteads associated with agriculture. The subject property is bound to the northwest by Campus Drive, to the south by State Highway 16, and to the east by Woodside Residences development.

The subject property is located in a residential, institutional and commercial area of Waukesha County. The adjoining properties consist of the following:

Northwest	Campus Drive right-of-way followed by Lake Country Lutheran High School at 401 Campus Drive
Northeast	Woodnote Residences apartment complex at 460 Campus Drive
Southeast	State Highway 16 followed by Windstone Terrace Condominium at 530 Windstone Drive
South	State Highway 16 followed by residences at 642 Hill Street and 664 Hill Street, Wisconsin Electric Power Station (Tax Key HAV0423989), Garden Gate Nursery and Landscaping at N48W30756, an apartment complex at 4900 Easy Street and Delafield Country Aire Condominiums at 4821 Easy Street
Southwest	State Highway 16 and State Highway 83 followed by a vacant parcel (Tax Key DELC0733998005)
West	State Highway 83 right-of-way followed by a vacant parcel (Tax Key MRTT0420989)

Based upon topographic map interpretation, the direction of shallow groundwater flow beneath the subject property is inferred to be to the southeast.

FINDINGS

Recognized Environmental Conditions (RECs) are defined by the ASTM Standard Practice E1527-21 as, "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition." ASTM E1527-21 defines "likely" to mean, "is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given herein."

- Endpoint's assessment did not reveal any RECs associated with the subject property or nearby properties with a likelihood to adversely affect the subject property.

Historical RECs (HRECs) are defined by the ASTM Standard Practice E1527-21 as, "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

- Endpoint's assessment did not reveal any HRECs associated with the subject property or nearby properties with a likelihood to adversely affect the subject property.

Controlled RECs (CRECs) are defined by the ASTM Standard Practice E1527-21 as, "a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

- Endpoint's assessment did not reveal any CRECs associated with the subject property or nearby properties with a likelihood to adversely affect the subject property.

De minimis conditions are defined by the ASTM Standard Practice E1527-21 as, "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a REC nor a CREC."

- Endpoint's assessment did not reveal any de minimis conditions associated with the subject property.

Business Environmental Risks (BERs) are defined by the ASTM Standard Practice E1527-21 as, "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." Endpoint's assessment revealed the following BERs associated with the subject property.

- Vegetated piles of soil, as well as concrete debris and bricks, were observed in the central portion of the subject property during the reconnaissance.

- A review of the United States Fish and Wildlife National Wetlands Inventory mapping application indicates Freshwater Forested/Shrub Wetlands, Freshwater Ponds and Riverine habitats are present on the subject property. Future development in these areas would warrant a wetland delineation and evaluation by a trained wetland professional.

- According to the USEPA, Waukesha County is identified as Zone 1 for radon concentrations, which has a predicted average indoor screening level greater than the action level of 4 picoCuries per liter (pCi/L). Based on these facts, it is our opinion that potentially high radon levels on the subject property could represent a significant health concern. If redevelopment of the subject property occurs that would include residential use, sampling should be completed to determine site-specific radon conditions.

CONCLUSIONS & OPINIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-21 and the USEPA AAI of the subject property identified as **Tax Key HAV0423981056,** in the Village of Hartland, Waukesha County, Wisconsin. Any exceptions to or deletions from this practice are described in **Section 1.3** of this report.

This assessment has revealed evidence of the following BERs in connection with the subject property:

- Vegetated piles of soil, as well as concrete debris and bricks, were observed in the central portion of the subject property during the reconnaissance. The piles were heavily vegetated; therefore, the composition of the piles could not be determined. However, according to the current representative of the subject property, the central portion of the subject property was utilized as a staging area for vehicles and materials in 2008 during the construction of the adjoining Lake Country Lutheran High School property to the northwest. Additionally, the central portion of the subject property was reportedly utilized by a landscape company to stockpile top soil from circa 2009 to 2016. Based on the lack of staining or stressed vegetation in the vicinity of the piles, no further assessment is warranted at this time. If redevelopment activities occur in the future, proper characterization and management of the materials in the piles should occur to be protective of human health and the environment.

- A review of the United States Fish and Wildlife National Wetlands Inventory mapping application indicates Freshwater Forested/Shrub Wetlands, Freshwater Ponds and Riverine habitats are present on the subject property. Future development in these areas would warrant a wetland delineation and evaluation by a trained wetland professional.

- According to the USEPA, Waukesha County is identified as Zone 1 for radon concentrations, which has a predicted average indoor screening level greater than the action level of 4 picoCuries per liter (pCi/L). Based on these facts, it is our opinion that potentially high radon levels on the subject property could represent a significant health concern. If redevelopment of the subject property occurs that would include residential use, sampling should be completed to determine site-specific radon conditions.

ADDITIONAL INVESTIGATION

While the described BERs were identified, no RECs were identified in connection with the subject property. Therefore, no further assessment is recommended at this time.

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1.0 INTRODUCTION

This report documents the methods and findings of the Phase I Environmental Site Assessment (ESA) performed in conformance with the scope and limitations of the ASTM International (ASTM) Standard Practice E1527-21 and the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property identified as **Tax Key HAV0423981056,** in the Village of Hartland, Waukesha County, Wisconsin ("subject property") as depicted on **Figure 1: Location Map** and **Figure 2: Subject Property Layout**.

1.1 SCOPE OF WORK

The purpose of the Phase I ESA is to identify environmental conditions associated with the presence of hazardous materials and petroleum products, their use, storage, and disposal at, and in the vicinity of, the subject property. Assessment activities focused on: 1) a review of federal, state, tribal and local databases that identify and describe underground storage tank sites, leaking underground storage tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a subject property and surrounding site reconnaissance, and interviews with the property owners, occupants and operators to identify potential environmental conditions; and 3) a review of historical sources to help ascertain previous land use at the subject property and in the surrounding area.

The goal of Endpoint Solutions Corp. (Endpoint) in conducting the Phase I ESA was to identify recognized environmental conditions (RECs), historical RECs (HRECs), controlled RECs (CRECs), Business Environmental Risks (BERs) and de minimis conditions associated with the subject property.

RECs are defined by the ASTM Standard Practice E1527-21 as, ""(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition." ASTM E1527-21 defines "likely" to mean, "is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given herein."

HRECs are defined by the ASTM Standard Practice E1527-21 as, "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

CRECs are defined by the ASTM Standard Practice E1527-21 as, "REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

De minimis Conditions are defined by the ASTM Standard Practice E1527-21 as, "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a REC nor a CREC."

BERs are defined by the ASTM Standard Practice E1527-21 as, "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice."

1.2 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by Endpoint in this report. Endpoint relied on information from secondary sources including governmental agencies, the client, designated representatives of the client, subject property contacts, subject property owner, subject property owner representatives, computer databases and personal interviews. Except as set forth in this report, Endpoint has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the client, designated representatives of the client, subject property contacts, subject property owner(s), subject property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. Endpoint assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow and depth to groundwater, unless otherwise specified by onsite well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey (USGS) topographic maps. Endpoint assumes the subject property has been correctly and accurately identified by the client, designated representative of the client, subject property contacts, subject property owner(s) and subject property owner's representatives.

1.3 LIMITATIONS

Property conditions, as well as local, state, tribal and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this study apply strictly to the environmental regulations and subject property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. Endpoint makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the study.

There may be environmental issues or conditions at a property that parties may wish to assess that do not present potential CERCLA liability; and therefore, are beyond the scope of a Phase I ESA. These "non-scope" items may include: asbestos-containing materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold or microbial growth conditions, polychlorinated biphenyl (PCB)-containing building materials, radon, regulatory compliance, substances not defined as hazardous substances, including "emerging contaminants" and wetlands. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-21.

If requested by the client, these non-scope issues are discussed herein. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability. ASTM Standard Practice E1527-21 and the USEPA Standards and Practices for AAI (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1) 42 U.S.C § 9601(35)(B), referenced in the ASTM Standard Practice E1527-21.

2) Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).

3) 42 U.S.C. 9601(40) and 42 U.S.C. 9607(q).

The Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the subject property. Neither is the assessment intended to assure clear title to the subject property in question. The sole purpose of reviewing subject property title records is to ascertain a historical basis of prior land use. All findings, conclusions and recommendations in this report are based upon facts, circumstances and industry-accepted procedures for such services as they exist at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). The findings, conclusions and recommendations in this report are also based on the data and information provided, and observations and conditions that existed on the date and time of the subject property visit.

Responses received from local, state or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions or circumstances to the report. A change in any fact, circumstance or industry-accepted procedure upon which this report was based may affect the findings, conclusions and recommendations expressed in this report. If any change in fact, circumstance or industry-accepted procedure is revealed after the issuance date of this report, an addendum to this report may be issued.

1.4 LIMITING CONDITIONS

The performance of this Phase I ESA was not limited. Endpoint was granted full and complete access to the subject property.

1.5 DATA GAPS AND DATA FAILURE

According to ASTM E1527-21, data gaps are defined as, "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, subject property reconnaissance and interviews.

Data failure is one type of data gap. According to ASTM E1527-21 "data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met". Pursuant to the ASTM Standard, historical sources are required to document subject property use back to the subject property's first developed use or back to 1940, whichever is earlier.

- The earliest historical source of information available is the 1941 aerial photograph. The subject property appears developed with structures associated with agriculture. While Endpoint was unable to evaluate the subject property back to the original date of development, the agricultural and likely residential development observed on the 1941 aerial photograph most likely represents the original development of the subject property. Based on the historic use of the subject property for agricultural purposes, it is unlikely that the history of the subject property prior to 1941 has the potential to cause significant environmental harm. Therefore, this apparent data gap is unlikely to affect the findings and conclusions of this assessment.

- On August 5, 2024, the Village of Hartland Fire Department was contacted for information on the subject property to identify potential hazardous material usage, spills, leaks or other similar circumstances that could be considered an environmental concern. As of the date of this report, neither the Fire Department has not responded to the information request. However, based on the quality of information available from other sources, this limitation is not expected to alter the findings of this report.

1.6 RELIANCE

This investigation was prepared for the sole use and benefit of 3LP Hartland Senior, LLC and their representatives. Neither this report, nor any of the information contained herein shall be used or relied upon for any purpose by any person or entity other than 3LP Hartland Senior, LLC and their representatives without the written consent of Endpoint. Nothing in ASTM E1527-21 is intended to convey a right to use or to rely upon resources, information, findings or opinions provided in previous assessments.

2.0 SUBJECT PROPERTY AND VICINITY DESCRIPTION

2.1 SUBJECT PROPERTY LOCATION AND DESCRIPTION

The subject property is located in the Village of Hartland, Waukesha County, Wisconsin. The subject property consists of a single irregular-shaped parcel (Tax Key HAV0423981056) totaling approximately 8.96-acres. The subject property is currently vacant; however, historically contained a residence with farmsteads associated with agriculture. The subject property is bound to the northwest by Campus Drive, to the south by State Highway 16, and to the east by Woodside Residences development.

Refer to **Figure 1: Location Map** and **Figure 2: Subject Property Layout** for subject property location and plan view. A copy of the parcel report is attached in **Appendix A**.

2.2 SUBJECT PROPERTY AND VICINITY CHARACTERISTICS

The subject property is located in a mixed-use residential, institutional and commercial area of Waukesha County. The adjoining properties consist of the following:

Northwest	Campus Drive right-of-way followed by Lake Country Lutheran High School at 401 Campus Drive
Northeast	Woodnote Residences apartment complex at 460 Campus Drive
Southeast	State Highway 16 followed by Windstone Terrace Condominium at 530 Windstone Drive
South	State Highway 16 followed by residences at 642 Hill Street and 664 Hill Street, Wisconsin Electric Power Station (Tax Key HAV0423989), Garden Gate Nursery and Landscaping at N48W30756, an apartment complex at 4900 Easy Street and Delafield Country Aire Condominiums at 4821 Easy Street
Southwest	State Highway 16 and State Highway 83 followed by a vacant parcel (Tax Key DELC0733998005)
West	State Highway 83 right-of-way followed by a vacant parcel (Tax Key MRTT0420989)

2.3 GEOLOGY AND HYDROGEOLOGY

According to the United States Department of Agricultural Natural Resources Conservation Service Web Soil Survey, the soils at the subject property are mapped as Hochheim clay loam, Theresa silt loam and Casco loam. These soil classifications have low to moderate infiltration rates with fine to coarse textures. According to the USGS, bedrock beneath the subject property consists of Paleozoic Ordovician limestone and is assumed to be greater than 100-feet below ground surface (bgs).

Based on a review of the current USGS Hartland Wisconsin Quadrangle Topographic Map, the ground surface elevation varies throughout the subject property, with numerous areas of severe localized relief. However, the subject property overall slopes gently from the central portion of the property to the southeast and west. The central portion of the subject property is situated at an elevation approximately 1,022-feet above mean sea level (amsl), while the southeast and west portions of the subject property are situated at an elevation of approximately 1,008-feet amsl. The nearest natural surface water body to the subject property is the Bark River located approximately 2,700-feet southeast of the subject property. Based upon topographic map interpretation, the direction of shallow groundwater flow beneath the subject property is inferred to be to the

southeast. Depth to water in the vicinity of the subject property is unknown; however, is assumed to be within 25-feet bgs.

3.0 HISTORICAL REVIEW OF SUBJECT PROPERTY AND VICINITY

The objective of compiling and analyzing historical property information and developing a history of the previous uses of the subject property, adjoining properties and surrounding area is to help identify the likelihood of past uses having led to RECs in connection with the subject property. During research of the subject property, uses of the adjoining properties that are obvious shall be identified to evaluate the likelihood that past uses of the adjoining properties have led to RECs in connection with the subject property. The report shall describe identified obvious uses of adjoining properties, and indicate the earliest dates identified.

ASTM E1527-21 requires the following standard historical resources be reviewed: aerial photographs, fire insurance maps, local street directories and topographic maps. Building department records, interviews, property tax files and zoning/land use records may be utilized to augment the data obtained during the review of the standard historical resources.

3.1 AERIAL PHOTOGRAPH REVIEW

Endpoint reviewed historic aerial photographs of the subject property and surrounding area obtained from the Waukesha County Geographic Information Systems (GIS) Viewer. Aerial photographs were reviewed for the following years: 1941, 1950, 1963, 1970, 1980, 1990, 1995, 2000, 2005, 2007, 2008, 2010, 2013, 2015, 2017, 2020 and 2022.

1941 to 1950: The subject property is developed with several structures in the central portion of the property that appear to be associated with agricultural uses on the subject property and vicinity. The structures extend slightly to the northwest beyond the subject property boundary into the current location of the Campus Drive right-of-way. The surrounding adjoining properties are utilized mainly for agricultural purposes, with structures also present on the adjoining property to the southeast.

1963 to 1980: There appears to be little to no change to the subject property and adjoining properties to the northeast and northwest. The State Highway 16 right-of-way is present, which represents the southern boundary for the subject property. Additional structures have been developed on the adjoining properties to the south across State Highway 16. Structures have been razed on the adjoining property to the southeast and the property appears to utilized for quarrying, with significant evidence of ground disturbance.

1990 to 2000: All structures previously present on the subject property have been removed and the property appears vacant. There appears to be little to no change to the adjoining properties to the northeast and northwest. Quarrying operations have ceased on the adjoining property to the southeast and the property appears vacant.

2005 to 2008: Some ground disturbance is observed along the northern boundary of the subject property which appears to be associated with the active construction on the adjoining property to the northwest. A portion of the present-day development is complete on the adjoining property to the northwest by 2008. Additionally, the adjoining property to the southeast is developed with several structures.

2010 to 2022: Multiple areas of ground disturbance are noted in the central portion of the subject property over time. Additions are completed to the original structure on the adjoining property to the northwest over time, with the present-day development complete by 2020. By 2022, the adjoining property to the northeast is developed with numerous multi-tenant residential structures and appears at it does today.

No features commonly associated with RECs were identified in reviewing the historic aerial photographs.

Copies of aerial photographs reviewed for this Phase I ESA are included in **Appendix B** to this report.

3.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance maps were developed in the late 1800s and early to mid-1900s as an assessment tool for establishing fire insurance rates in urbanized areas. A search was made of the EDR collection of Sanborn Fire Insurance maps with no maps being identified as available for the subject property and surrounding area.

A copy of the Sanborn Map Report is included in **Appendix B**.

3.3 Historic Topographic Maps

The current USGS Hartland Wisconsin Quadrangle Map was reviewed as part of this assessment. No features commonly associated with RECs were identified in reviewing the current USGS topographic map.

3.4 City Directory Report

EDR searched their archive of historic city directories on August 6, 2024. EDR's archive of historic city directories for the subject property and adjoining properties included directories from 1969, 1973, 1979, 1986, 1992, 1995, 2000, 2005, 2010, 2014, 2017 and 2020.

The subject property was not identified in any of the historic city directories provided by EDR.

- The adjoining property to the northwest (401 Campus Drive) is identified from 2014 to 2020 as Lake Country Lutheran High School.
- The adjoining property to the south (642 Hill Street) is identified with a residential occupant between 1986 to 2020.
- The adjoining property to the south (664 Hill Street) is identified with a residential occupant between 1969 to 2020.

No listings or occupancies commonly associated with RECs were identified in reviewing the historic city directories.

A copy of the City Directory Image Report from EDR is attached in **Appendix B**.

3.5 HISTORIC ENVIRONMENTAL DOCUMENTATION

No other historical environmental reports and documentation were made available for review as part of this assessment.

4.0 REGULATORY AGENCY RECORDS REVIEW

4.1 REGULATORY AGENCIES

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments were contacted to identify any current or previous reports of hazardous materials use, storage and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested. Specifically, AULs are comprised of engineering controls and institutional controls.

Engineering Controls are defined as, "physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property". *Institutional Controls* are defined as, "a legal or administrative mechanism on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment".

4.1.1 BUILDING INSPECTION DEPARTMENT

On August 5, 2024, a Freedom of Information Act (FOIA) request was submitted to the Village of Hartland Building Inspection Department for information on the subject property to identify potential hazardous material usage, spills, leaks or other similar circumstances that could be considered an environmental concern. Mr. Scott Hussinger, Village of Hartland Building Inspection, completed the FOIA request form. Based on the response, the subject property has been vacant for at least 25-years and the Village of Hartland Building Inspection Department has no documentation regarding underground storage tanks (USTs) or hazardous materials associated with the subject property.

A copy of the completed FOIA request form is attached in **Appendix C** of this report.

4.1.2 FIRE DEPARTMENT

On August 5, 2024, a FOIA request was submitted to the Village of Hartland Fire Department for information on the subject property to identify potential hazardous material usage, spills, leaks or other similar circumstances that could be considered an environmental concern. As of the date of this report, no response to the information request has been received. If, following the issuance of this report, a response is received that would alter the findings of this report, an addendum to the report will be issued.

4.1.3 WISCONSIN DEPARTMENT OF NATURAL RESOURCES

The WDNR maintains an online database of open and closed remediation sites. Based on our review, the subject property was not identified on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) online database as an open or closed remediation site.

A copy of the DATCP search page is attached in **Appendix D**.

4.1.4 WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION

The Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) maintains an online database of registered aboveground storage tanks (ASTs) and USTs. Based on our review of this database, no ASTs or USTs were registered on the subject property.

A copy of the DATCP search page is attached in **Appendix D**.

5.0 REGULATORY DATABASE RECORDS REVIEW

The following information was obtained through a search of electronically compiled federal, state, county and city databases provided by EDR and submitted to Endpoint in a Radius Map with Geo-Check Report dated August 1, 2024. The database search includes regulatory agency lists of known or potential hazardous waste sites, landfills, hazardous waste generators, and disposal facilities in addition to spill/release sites and other sites under investigation. The information provided in this report was obtained from publicly available sources. The locations of the sites listed in the EDR report are plotted with a geographic information system utilizing geocoding of site addresses. The accuracy of these locations is generally +/- 300 feet. Endpoint's field representative has attempted to confirm the locations of listings on or adjoining to the subject property.

Refer to the radius map (**Appendix E: EDR Radius Map Report**) for the locations of the sites in relation to the subject property.

For the purposes of this ESA and in the interest of obtaining the most location accurate information, the subject property is identified in the EDR report as the "Target Property" and referred to herein as the subject property identified as **Tax Key HAV0423981056,** in the Village of Hartland, Waukesha County, Wisconsin. Significant information obtained from the databases is summarized below.

5.1 SUBJECT PROPERTY

The subject property was not identified on any of the record databases searched by EDR.

5.2 ADJOINING PROPERTIES

5.2.1 670 HILL STREET – HARTLAND SUBSTATION

The adjoining property to the south, located at 670 Hill Street across the State Highway 16 right-of-way, was identified on the Environmental Repair Program (ERP), Closed Remediation Site (CRS) and Activity and Land Use (AUL) databases. The adjoining property to the south is identified as the location of a closed ERP case (BRRTS No. 02-68-557269). The ERP case was opened in June 2011 due to the identification of a release to the environment. Following investigative activities, the case received regulatory closuring with continuing obligations in June 2012. The closed ERP case and continuing obligations implemented at the time of closure are the result of the CRS and AUL databases listings.

Further discussion regarding the closed ERP case on the adjoining property to the south is provided in **Section 5.5**.

5.3 SITES WITHIN ASTM SEARCH DISTANCES

Migration of contaminants is generally via overland flow of free product or via groundwater as dissolved phase contaminants or free phase as dense non-aqueous phase liquids (DNAPL) or light non-aqueous phase liquids (LNAPL). Therefore, only those contaminant release sites located hydrogeologically up-gradient relative to the subject property are expected to represent a potential environmental concern to the subject property. Release sites located hydrogeologically down-gradient of the subject property are not expected to represent a potential threat to the groundwater

quality beneath the subject property. Sites situated hydrogeologically cross-gradient relative to the subject property are not expected to represent a concern unless close proximity allows for the potential of lateral migration.

The direction of shallow groundwater flow beneath the subject property is inferred to be to the southeast. There are no sites listed in the EDR report that are within one-quarter (¼)-mile up-gradient (northwest) of the subject property. Therefore, no up-gradient sites have been identified to constitute a likely REC on the subject property.

5.4 UNMAPPABLE SITES

No sites were identified by EDR as unmappable due to incomplete address information.

5.5 AGENCY FILE REVIEW

5.5.1 670 HILL STREET – HARTLAND SUBSTATION

The adjoining property to the south across the State Highway 16 right-of-way (670 Hill Street) is identified as the location of a closed ERP case (BRRTS No. 02-68-557269). The ERP case was opened in June 2011 following the identification of a release of mineral oil to the site soils adjacent to a transformer. Apparently, approximately ten (10)-tons of contaminated soil was removed from adjacent to the transformer. Site investigation activities delineated the extent of contamination to an area immediately surrounding the transformer. Based on the results of the investigation and remedial actions, WDNR granted regulatory closure to the ERP case on June 6, 2012 with continuing obligations. The continuing obligations set in-place indicate this property must continue to be utilized for industrial purposes.

Based on the results of the investigation activities indicating the contamination does not extend beyond the adjoining property boundaries, the closed ERP case on the adjoining property to the south has not been identified as a REC for the subject property and no further assessment is warranted.

A copy of the ERP case file reviewed as part of this assessment is included in **Appendix F**.

5.6 VAPOR ENCROACHMENT ASSESSMENT

Contaminants, typically volatile organic compounds (VOCs) pose the greatest potential to migrate in the vapor phase through the air-filled pore spaces in the unsaturated zone of the soil column. The term "vapor intrusion pathway" generally refers to subsurface contamination that can move through the air-filled pores of vadose zone soils and enter the breathing space of buildings. Vapor intrusion can also occur when contaminated groundwater encroaches on a building footprint and contaminants directly volatilize from the groundwater into indoor air of the building. The "pathway" for vapor movement may be through permeable soils, through fractures in bedrock or clay tills, through man-made subsurface structures such as utility lines, through basement sumps, cracks in the building foundation or through other mechanisms. The potential for the vapor intrusion pathway should be assessed at all sites contaminated with organic and inorganic volatile chemicals. Vapor intrusion "pathway screening" is used to determine whether or not the potential for vapor intrusion exists on or off a contaminated property.

During the subject property reconnaissance, review of historical sources and review of regulatory databases, no current or historical usage of chemicals of concern at the subject property or reported release or other indication of subsurface contamination from an onsite source was evident. Additionally, no release or material threat of a release from a close proximity offsite source was identified. Therefore, no potential vapor migration concerns have been identified for the subject property.

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-21, the following interviews were performed during this investigation in order to obtain information indicating RECs in connection with the subject property.

6.1.1 INTERVIEW WITH PAST AND PRESENT OWNERS

Mr. Mark Bahr, owner representative of the subject property, completed Endpoint's Phase I ESA Owner Questionnaire. Based on the responses provided, Mr. Bahr has been associated with the subject property for approximately 18-years. Mr. Bahr indicated that the central portion of the subject property was utilized as a staging area for vehicles and materials in 2008 during the construction of the adjoining Lake Country Lutheran High School property to the northwest. Additionally, the central portion of the subject property was reportedly utilized by a landscape company to stockpile topsoil from circa 2009 to 2016. Mr. Bahr was unaware of any adverse environmental conditions, ASTs/USTs or any releases to the subsurface. A copy of the completed Phase I ESA Owner Questionnaire is included in **Appendix G**.

6.1.2 KEY SITE MANAGER / OCCUPANT

As the subject property is currently vacant, neither a Key Site Manager or an occupant of the subject property were available for interview at the time of the subject property reconnaissance.

6.2 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-21 and USEPA's AAI Rule, the following items should be researched by the User, and the results of such inquiries may be provided to the environmental professional. The responsibility for qualifying for Landowner Liability Protections (LLPs) by conducting the following inquiries ultimately rests with the User, and providing the following information to the environmental professional would be prudent if such information is available. Mr. John Ford with 3LP Hartland Senior, LLC completed the User Questionnaire. A copy of the Completed User Questionnaire is attached in **Appendix G**.

6.2.1 ENVIRONMENTAL LIENS

The User was not aware of any known environmental cleanup liens encumbering the subject property that are filed or recorded under federal, tribal, state or local law.

6.2.2 ACTIVITY AND LAND USE LIMITATIONS

The User was not aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the subject property and / or have been filed or recorded in a registry under federal, tribal, state or local law.

6.2.3 SPECIALIZED KNOWLEDGE

The User was not aware of any specialized knowledge or experience related to the subject property or nearby properties.

6.2.4 Valuation Reduction for Environmental Issues

The User was not aware of any information to suggest that the valuation of the subject property is significantly less than the valuation for comparable properties due to environmental factors.

6.2.5 Commonly Known or Reasonably Ascertainable Information

The User was not aware of any commonly known or reasonably ascertainable information about the subject property that would identify conditions indicative of releases or threatened releases.

6.2.6 Knowledge of Presence or Likely Presence of Contamination

The User was not aware of any knowledge of the presence or likely presence of contamination on the subject property.

7.0 SUBJECT PROPERTY INSPECTION AND RECONNAISSANCE

On August 5, 2024, Joseph Pugel of Endpoint conducted a reconnaissance of the subject property and adjoining properties as specified in ASTM Standard Practice E1527-21 to obtain information indicating the presence of RECs at the subject property.

7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

The subject property consists of a single irregular-shaped parcel (Tax Key HAV0423981056) totaling approximately 8.96-acres. The subject property is currently vacant; however, historically contained a residence with farmsteads associated with agriculture. The subject property is bound to the northwest by Campus Drive, to the south by State Highway 16, and to the east by Woodside Residences development.

Photographs taken during the subject property reconnaissance are attached in **Appendix H**.

The following table summarizes the observations made of the subject property during the reconnaissance.

Identified		Observation
Yes	No	
☐	☒	Hazardous Substances and/or Petroleum Products in Connection with Property Use
☐	☒	Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
☐	☒	Hazardous Substance and Petroleum Product Containers and Unidentified Containers not in Connection with Property Use
☐	☒	Unidentified Substance Containers
☐	☒	Electrical or Mechanical Equipment Likely to Contain Fluids
☐	☒	Interior Stains or Corrosion
☐	☒	Strong, Pungent or Noxious Odors
☐	☒	Pools of Liquid
☐	☒	Drains, Sumps and Clarifiers
☐	☒	Pits, Ponds and Lagoons
☐	☒	Stained Soil or Pavement
☐	☒	Stressed Vegetation
☒	☐	Solid Waste Disposal or Evidence of Fill Materials
☐	☒	Waste Water Discharges
☐	☒	Wells
☐	☒	Septic Systems
☐	☒	Other

SOLID WASTE DISPOSAL OR EVIDENCE OF FILL MATERIALS

Vegetated piles, as well as concrete debris and bricks, were observed in the central portion of the subject property during the reconnaissance (**Photographs 23, 24, 25** and **26**). The piles were heavily vegetated; therefore, the composition of the piles could not be determined. However, according to the current representative of the subject property, the central portion the central

portion of the subject property was utilized as a staging area for vehicles and materials in 2008 during the construction of the adjoining Lake Country Lutheran High School property to the northwest. Additionally, the central portion of the subject property was reportedly utilized by a landscape company to stockpile topsoil from circa 2009 to 2016. The presence of these materials has been identified as a BER. Based on the lack of staining or stressed vegetation in the vicinity of the piles, no further assessment is warranted at this time. If redevelopment activities occur in the future, proper characterization and management of the contents of the piles should occur to be protective of human health and the environment.

7.2 ADJOINING PROPERTY RECONNAISSANCE FINDINGS

Based on a reconnaissance of properties adjoining to the subject property from the subject property and adjoining public rights-of-ways, the following observations were made.

Identified Yes	Identified No	Observation
☐	☒	Hazardous Substances and/or Petroleum Products in Connection with Property Use
☐	☒	Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
☐	☒	Hazardous Substance and Petroleum Product Containers and Unidentified Containers not in Connection with Property Use
☐	☒	Unidentified Substance Containers
☒	☐	Electrical or Mechanical Equipment Likely to Contain Fluids
☐	☒	Interior Stains or Corrosion
☐	☒	Strong, Pungent or Noxious Odors
☐	☒	Pool of Liquid
☐	☒	Drains and Sumps
☐	☒	Pits, Ponds and Lagoons
☐	☒	Stained Soil or Pavement
☐	☒	Stressed Vegetation
☐	☒	Solid Waste Disposal or Evidence of Fill Materials
☐	☒	Waste Water Discharges
☐	☒	Wells
☐	☒	Septic Systems
☐	☒	Other

ELECTRICAL OR MECHANICAL EQUIPMENT LIKELY TO CONTAIN FLUIDS

PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to USEPA regulation 40 CFR, Part 761, there are three categories for classifying such equipment: less than 50 parts per million (ppm) of PCBs is considered “Non-PCB”; between 50 and 500 ppm is considered “PCB-Contaminated”; and greater than 500 ppm is considered “PCB-Containing”. Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformers

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

One (1) pad-mounted transformer was observed on the adjoining property to the northwest (**Photograph 27**). The transformer was observed from a distance; however, appeared to be in good condition with no obvious signs of corrosion or staining. Therefore, the presence of the transformer on the adjoining property to the northwest has not been identified as a REC for the subject property and no further discussion is warranted at this time.

7.3 ASTM NON-SCOPE ITEMS

7.3.1 ASBESTOS-CONTAINING MATERIALS

Asbestos is the name for a group of naturally occurring silicate minerals that are considered to be "fibrous" and through processing can be separated into smaller and smaller fibers. The fibers are strong, durable, chemical resistant, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos was considered an ideal product and has been used in thousands of consumer, industrial, maritime, automotive, scientific and building products.

At the federal level, asbestos is primarily regulated by the USEPA primarily through the USEPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) Standard 40 CFR Chapter 61, Subpart M, the Occupational Health and Safety Administration (OSHA) General Industry Standard and the Construction Industry Standard (29 CFR 1926.1101 and 29 CFR 1910.1001). Many states have regulations in place for the inspection, management, and remediation of asbestos including company and individual licensing requirements for all activities relating to asbestos. Under both federal and state regulations building owners and employers may be required to perform certain activities related to the in-place management of asbestos, and prior to renovations or demolition activities (i.e. asbestos inspections or remediation) that may disturb building materials suspected of containing asbestos.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations in regards to ACM.

A limited list of typical suspect ACM is included in the following table:

Typical Suspect ACMs

Material Type	**Location**
Plaster (Acoustical and Smooth)	Walls and Ceilings
Ceiling Tile	Ceiling Systems
Thermal Systems Insulations, Packings, Gaskets	Heating Systems, Cooling Systems, Domestic and Heating and Cooling Piping, Ductwork, Other Equipment
Floor Tile and Associated Mastics, Flooring Felts, Papers (under hardwood/other)	Floors

Material Type	Location
Vinyl Sheet Flooring and Adhesives	Floors
Cove Base and Associated Mastics	Walls
Ceramic Tile Adhesives and Grouts	Walls and Floors and Ceilings
All Adhesives	Mirrors, Wall Coverings, Construction, etc.
Grout and Caulking	Windows and Doors
Gypsum Board, Tape and Joint Compound	Wall and Ceiling Systems
Insulation Materials	Walls, Ceilings, Attic Spaces
Roofing Materials (Felts, Rolled, Shingle, Flashings, Adhesives, Tar, Insulations)	Roof and Parapet Wall Systems
Brick and Block, Mortars	Walls

No structures are present on the subject property; therefore, ACM is not a concern at this time.

7.3.2 Lead-Based Paint

Lead-based paint (LBP) is defined as any paint, varnish, stain, or other applied coating that has greater or equal to one (1) milligram per square centimeter (mg/cm^2) or 5,000 micrograms per gram (µg/g) or 5,000 ppm of lead by federal guidelines; state and local definitions may differ.

Lead-containing paint (LCP) is defined as any paint with any detectable amount of lead present in it. It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state or local regulations in regards to LCP.

In buildings constructed after 1978, it is unlikely that LBP is present. Structures built prior to 1978 and especially prior to the 1960s should be expected to contain LBP.

No structures are present on the subject property; therefore, LBP is not a concern at this time.

7.3.3 Mold or Microbial Growth Conditions

Molds are simple, microscopic organisms, which can often be seen in the form of discoloration, frequently green, gray, white, brown or black. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or is not addressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting often play host to such growth. Mold spores primarily cause health problems through the inhalation of mold spores or the toxins they emit when they are present in large numbers. This can occur primarily when there is active mold growth within places where people live or work.

Mold, if present, may or may not visually manifest itself. Neither the individual completing this inspection, nor Endpoint has any liability for the identification of mold-related concerns except as defined in applicable industry standards. In short, this Phase I ESA should not be construed as a mold survey or inspection.

No indications of water intrusion or mold growth were observed during the subject property reconnaissance.

7.3.4 RADON

Radon is a naturally-occurring, odorless, invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

The USEPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three (3) radon zones, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the USEPA Action Limit of 4.0 picoCuries per liter (pCi/L). It is important to note that the USEPA has found homes with elevated levels of radon in all three (3) zones, and the USEPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not requested as part of this assessment. According to the USEPA, Waukesha County is identified as Zone 1, which has a predicted average indoor screening level greater than 4 pCi/L; which is the USEPA action level. The subject property is currently vacant with no structures present. Based on these facts, it is our opinion that potentially high radon levels on the subject property are not expected to represent a significant health concern. However, sampling would be necessary to determine site-specific radon conditions in the event future development occurs.

7.3.5 LEAD IN DRINKING WATER

The major source of lead in drinking water is leaching of lead from household plumbing materials or water service lines used to bring water from the main to the home. Lead can leach into drinking water through contact with the plumbing, solder, fixtures and faucets (brass) and fittings. The amount of lead in drinking water will be influenced by the type and amount of minerals in the water, how long the water stays in the pipes, the amount of wear in the pipes and the water's acidity and temperature.

The subject property is currently vacant. In the event of future development occurs, sampling of the drinking water would be necessary to determine site-specific lead concentrations.

7.3.6 WETLANDS

The presence of wetlands may impede or eliminate the potential for planned activities at a property, including proposed construction or expansion. In addition, it is possible that the existence of wetlands will increase the costs associated with any planned development. Furthermore, in some instances, structures may have been constructed on illegally filled wetlands. While owners are rarely required to demolish completed buildings on illegally filled wetlands, they

could become subject to civil or criminal fines, and also be required to perform mitigation projects or make payments to a conservation bank to offset the loss of the wetlands.

A review of the United States Fish and Wildlife National Wetlands Inventory mapping application indicates Freshwater Forested/Shrub Wetlands, Freshwater Ponds and Riverine habitats are present on the subject property. Future development in these areas would warrant a wetland delineation and evaluation by a trained wetland professional.

A copy of the United States Fish and Wildlife National Wetlands Inventory map is attached in **Appendix I** of this report.

7.3.7 Regulatory Compliance

Properties used for industrial, commercial and even residential purposes are frequently subject to a variety of environmental laws and regulations that relate to many aspects of operations conducted at the subject property. In the context of a property transaction, non-compliance with environmental laws and regulations may create a material risk of financial loss for both building operators and owners of the properties.

Regulatory compliance was not assessed as part of the Phase I ESA.

7.3.8 Endangered Species

Under the Endangered Species Act, the government protects endangered and threatened plants and animals (listed species) and their habitats. The presence of listed species can restrict use of property to ensure that the proposed activities do not adversely affect endangered or threatened species as well as their critical habitats.

The presence of endangered species was not assessed as part of the Phase I ESA.

7.3.9 Indoor Air Quality

There are many sources of indoor air pollution. These include combustion sources such as oil, gas, kerosene, coal, wood, tobacco products, ACM, wet or damp carpet, formaldehyde, certain pressed wood products, cleaning and maintenance chemicals and pesticides. EPA estimates that indoor levels of air pollutants can be two (2) to five (5) times higher, and occasionally 100 times higher, than outdoor levels. In general, EPA does not regulate indoor air quality except to the extent that indoor air impacts are caused by releases of hazardous substances into subsurface soil or groundwater (vapor intrusion).

Indoor air was not assessed as part of the Phase I ESA.

7.3.10 Emerging Contaminants

There are some substances that non-environmental professionals and others may assume to be hazardous substances that are not defined (or not yet defined) as hazardous substances under CERCLA through interpretation by EPA regulations and the courts. These substances may include: (1) some substances that occur naturally or through biological digestion (for example, methane), and (2) substances about which human understanding is evolving (for example, per- and polyfluoroalkyl substances, also known as "PFAS"). These and any other "emerging contaminants,"

where they are not identified as a hazardous substance by CERCLA, as interpreted by EPA regulations and the courts, are not included in the scope of this practice. If and when such emerging contaminants are defined to be a hazardous substance under CERCLA, as interpreted by EPA regulations and the courts, such substances shall be evaluated within the scope of this practice.

The presence of "emerging contaminants" was not assessed as part of the Phase I ESA.

8.0 FINDINGS AND CONCLUSIONS

FINDINGS

RECs are defined by the ASTM Standard Practice E1527-21 as, "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition." ASTM E1527-21 defines "likely" to mean, "is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given herein."

- Endpoint's assessment did not reveal any RECs associated with activities at the subject property or nearby properties with a likelihood to adversely affect the subject property.

HRECs are defined by the ASTM Standard Practice E1527-21 as, "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

- Endpoint's assessment did not reveal any HRECs associated with the subject property or nearby properties with a likelihood to adversely affect the subject property.

CRECs are defined by the ASTM Standard Practice E1527-21 as, "a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

- Endpoint's assessment did not reveal any CRECs associated with the subject property or nearby properties with a likelihood to adversely affect the subject property.

De minimis conditions are defined by the ASTM Standard Practice E1527-21 as, "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a REC nor a CREC."

- Endpoint's assessment did not reveal any de minimis conditions associated with the subject property.

BERs are defined by the ASTM Standard Practice E1527-21 as, "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." Endpoint's assessment revealed the following BERs associated with the subject property.

- Vegetated piles of soil, as well as concrete debris and bricks, were observed in the central portion of the subject property during the reconnaissance.
- A review of the United States Fish and Wildlife National Wetlands Inventory mapping application indicates Freshwater Forested/Shrub Wetlands, Freshwater Ponds and Riverine habitats are present on the subject property. Future development in these areas would warrant a wetland delineation and evaluation by a trained wetland professional.
- According to the USEPA, Waukesha County is identified as Zone 1 for radon concentrations, which has a predicted average indoor screening level greater than the action level of 4 pCi/L. Based on these facts, it is our opinion that potentially high radon levels on the subject property could represent a significant health concern. If redevelopment of the subject property occurs that would include residential use, sampling should be completed to determine site-specific radon conditions.

CONCLUSIONS & OPINIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-21 and the USEPA Standards and Practices for AAI (40 CFR Part 312) for the subject property identified as **Tax Key HAV0423981056,** in the Village of Hartland, Waukesha County, Wisconsin. Any exceptions to, or deletions from, this practice are described in **Section 1.3** of this report.

This assessment has revealed evidence of the following BERs in connection with the subject property:

- Vegetated piles of soil, as well as concrete debris and bricks, were observed in the central portion of the subject property during the reconnaissance. The piles were heavily vegetated; therefore, the composition of the piles could not be determined. However, according to the current representative of the subject property, the central portion of the subject property was utilized as a staging area for vehicles and materials in 2008 during the construction of the adjoining Lake Country Lutheran High School property to the northwest. Additionally, the central portion of the subject property was reportedly utilized by a landscape company to stockpile top soil from circa 2009 to 2016. Based on the lack of staining or stressed vegetation in the vicinity of the piles, no further assessment is warranted at this time. If redevelopment activities occur in the future, proper characterization and management of the materials in the piles should occur to be protective of human health and the environment.
- A review of the United States Fish and Wildlife National Wetlands Inventory mapping application indicates Freshwater Forested/Shrub Wetlands, Freshwater Ponds and Riverine

habitats are present on the subject property. Future development in these areas would warrant a wetland delineation and evaluation by a trained wetland professional.

- According to the USEPA, Waukesha County is identified as Zone 1 for radon concentrations, which has a predicted average indoor screening level greater than the action level of 4 pCi/L. Based on these facts, it is our opinion that potentially high radon levels on the subject property could represent a significant health concern. If redevelopment of the subject property occurs that would include residential use, sampling should be completed to determine site-specific radon conditions.

ADDITIONAL INVESTIGATION

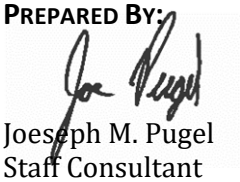
While the described BERs were identified, no RECs were identified in connection with the subject property. Therefore, no further assessment is recommended at this time.

9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental professional as defined in §312.10 of 40 CFR § 312" and have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

The resumes of the Environmental Professionals who participated in this project are attached in **Appendix I.**

PREPARED BY:



Joeseph M. Pugel
Staff Consultant

REVIEWED BY:



Travis J. Manser
Associate Consultant



Robert A. Cigale, P.G.
Principal

10.0 REFERENCES

Interviews:

Village of Hartland Building Inspection Department FOIA Request – August 5, 2024 – No Response

Village of Hartland Fire Department FOIA Request – August 5, 2024 – No Response

User Questionnaire – John Ford – August 2, 2024

Site Reconnaissance – Joseph Pugel – August 5, 2024

Research:

7.5-Minutes Series Topographic Map, Hartland, Wisconsin Quadrangle, United States Geological Survey

Aerials Obtained from Waukesha County GIS Viewer, the following years: 1941, 1950, 1963, 1970, 1980, 1990, 1995, 2000, 2005, 2007, 2008, 2010, 2013, 2015, 2017, 2020 and 2022.

ASTM, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-21, published November 1, 2021

EDR Radius Map with Geo-Check Report, August 1, 2024

EDR Sanborn Map Report, August 1, 2024

EDR City Directory Abstract, August 6, 2024

United States Department of Agriculture Natural Resource Conservation Service Web Soil Survey. Accessed August 1, 2024

WDNR BRRTS on the Web Database of Open and Closed Remediation Sites

WDNR Files

WDATCP Online Storage Tank Database

FIGURES

FIGURE 1 –LOCATION MAP

FIGURE 2 – SUBJECT PROPERTY LAYOUT



N

0 2000' 4000'

SOURCE: USGS

LOCATION MAP

CAMPUS DRIVE
HARTLAND, WISCONSIN

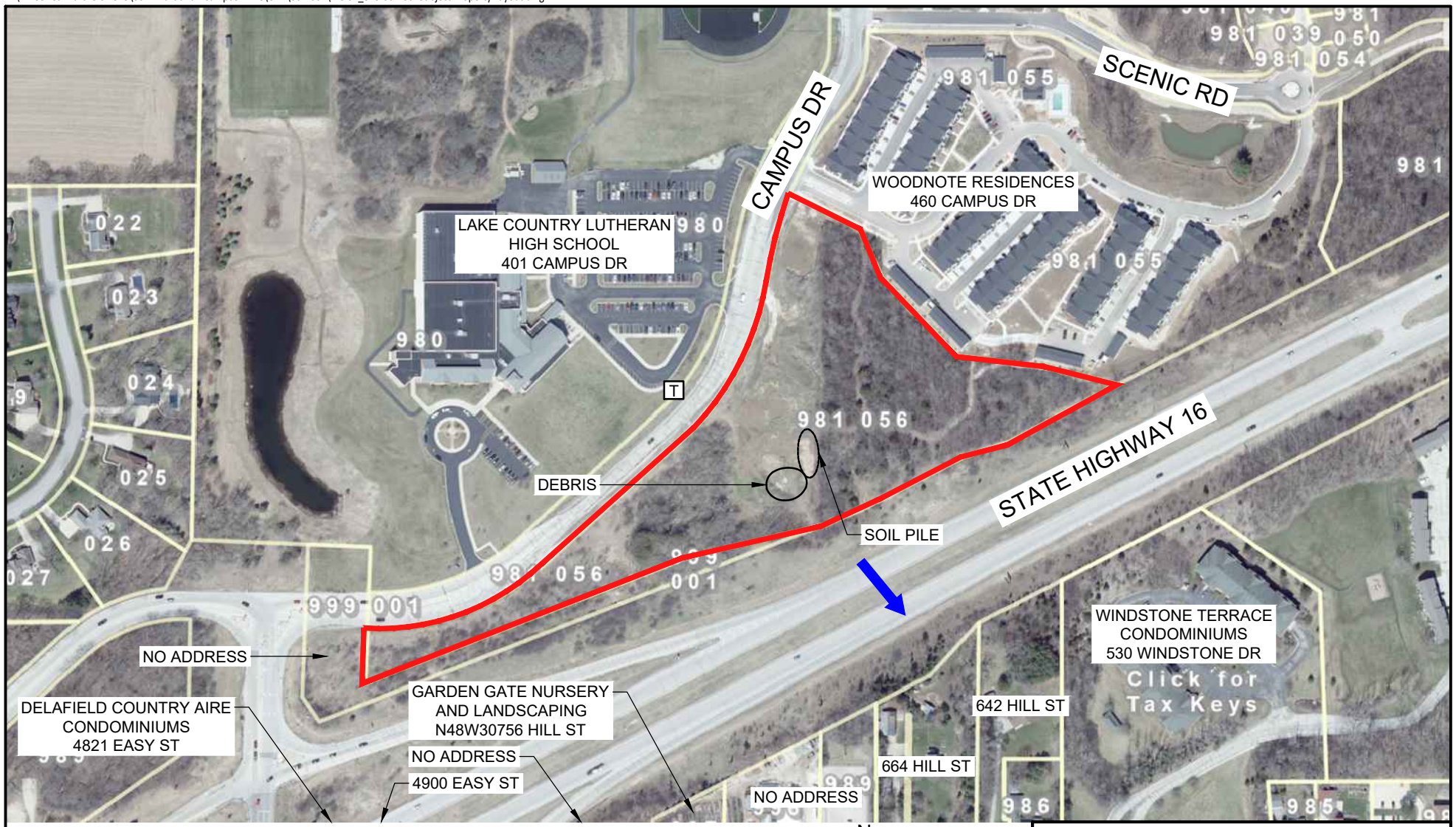
Endpoint Solutions

6871 S. Lovers Lane
Franklin, WI 53132
Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: MLP	DATE: 08/02/2024	Figure 1
REVIEWED BY: JMP	PROJECT NO: 849-004-001	

P:\Three Leaf Partners - 843\004 - Hartland - Campus Drive\CAD\004-001\FIG 01_843-004-001_Location Map.dwg

P:\Three Leaf Partners - 843\004 - Hartland - Campus Drive\CAD\004-001\FIG 02_843-004-001Subject Property Layout.dwg



SUBJECT PROPERTY

ASSUMED GROUNDWATER FLOW DIRECTION

T TRANSFORMER

N

0 300' 600'

SOURCE:WAUKESHA COUNTY GIS

SUBJECT PROPERTY LAYOUT

TAX KEY HAV0423981056
CAMPUS DRIVE
HARTLAND, WISCONSIN

Endpoint Solutions

6871 S. Lovers Lane
Franklin, WI 53132
Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: MLP	DATE: 08/09/2024	Figure 2
REVIEWED BY: JMP	PROJECT NO: 843-004-001	

APPENDIX A

PARCEL REPORT

Property Details

Tax Key: **HAV 0423981056**
Tax Year: **2024**

6/25/2024 1:29:02 PM
WAUKESHA COUNTY
VILLAGE OF HARTLAND

OWNER NAME AND MAILING ADDRESS

THE LUTHERAN HIGH SCHOOL ASSOCIATION OF
GREATER MILWAUKEE
10427 W LINCOLN AVE STE 1300
MILWAUKEE, WI 53227-1263

Click Here to Provide Updated Mailing Address

PROPERTY ADDRESS

CAMPUS DR
HARTLAND, WI 53029

LEGAL DESCRIPTION

LOT 2 CSM #12091 VOL 123/198 REC AS DOC #4533896 & CORRECTED BY DOC #4542627 & CORRECTED BY DOC #4547935 BEING REDIV LOT 2 CSM #12049 PT NE1/4 SE1/4 NW1/4 & SW1/4 OF SW1/4 & PT NW1/4 OF SE1/4 SEC 34 T8N R18E :: SUBJECT TO ACCESS EASEMENT RECORDED AS DOC #4519253 ON 10/12/2020 :: SUBJECT TO ACCESS EASEMENT AS SHOWN ON CSM #12091 RECORDED ON 11/25/2020 :: SUBJECT TO ACCESS EASEMENT RECORDED AS DOC #4541312 ON 12/21/2020

ASSESSMENT STATUS

Assessment Year:	2024
Assessment Status:	ACTIVE
Assessment Attributes:	NONE
Deeded Acres:	8.879

OWNERSHIP/LEGAL DESCRIPTION EXCEPTION DOCUMENTS

EASEMENT ACCESS SUBJECT TO	CSM	12091
DEED	DOC	2899521
DEED	DOC	3318100

Additional Documents

ASSESSMENT INFORMATION

Assessed By:	CATALIS TAX AND CAMA INC
	262-253-1142
	mikes@catalisgov.com
Board of Review Date:	6/12/2024

Links to WI Dept of Revenue Resources:
Guide for Property Owners
Board of Review Calendar

PROPERTY VALUES

Property Class	Acres	Land	Improvement	Total
EXEMPT OTHER	8.879	$0.00	$0.00	$0.00
Total:	**8.879**	**$0.00**	**$0.00**	**$0.00**

The property values displayed are finalized and will be used for the calculation of this year's property tax bills.

DISTRICTS

District Type	District Name	DOR Code
VILLAGE	VILLAGE OF HARTLAND	136
SCHOOL	HARTLAND LKSIDE 2460	2460
HIGH	SCHOOL REFERENDUM 4983	
HIGH	ARROWHEAD U H S 2450	2450
TCDB	WAUKESHA TECH COLLEGE	08

NOTES

Date	Note
1/1/2021	HAV 0423 981 002 RETIRED BY CSM #12091. TAX KEY NUMBERS FOR NEW PARCELS ARE: HAVE 0423 981 055 THRU HAV 0423 981 057

This program accesses data from databases maintained by several County Departments and Local Municipalities. There may be inconsistencies in data depending on the date the information was gathered or the purpose for which it is maintained. Due to variances in sources and update cycles, there is no guarantee as to the accuracy of the data. For questions regarding Outstanding Taxes and Tax Payment records, contact the County Treasurer's office at (262)548-7029.

For Tax Listing and GIS Viewer related issues, please see our FAQs click here. If you still have tax listing questions, contact: taxlisting@waukeshacounty.gov.

The following browsers are supported: This page run 6/25/2024 1:29:02 PM.

APPENDIX B

HISTORIC AERIAL PHOTOGRAPHS

SANBORN MAP REPORT

CITY DIRECTORY IMAGE REPORT

MAP WAUKESHA county

1941



Legend

- Municipal Boundary_2K
- Parcel_Dimension_2K
- Note_Text_2K
- Lots_2K
  - Lot
  - Unit
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  - Outlot
- SimultaneousConveyance
  - Assessor Plat
  - CSM
  - Condominium
  - Subdivision
- Cartoline_2K
  - EA-Easement_Line
  - PL-DA
  - PL-Extended_Tie_line
  - PL-Meander_Line
  - PL-Note
  - PL-Tie
  - PL-Tie_Line
  - <all other values>
- Railroad_2K

0 375.00 Feet

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Notes:

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MAP WAUKESHA county

1950



Legend

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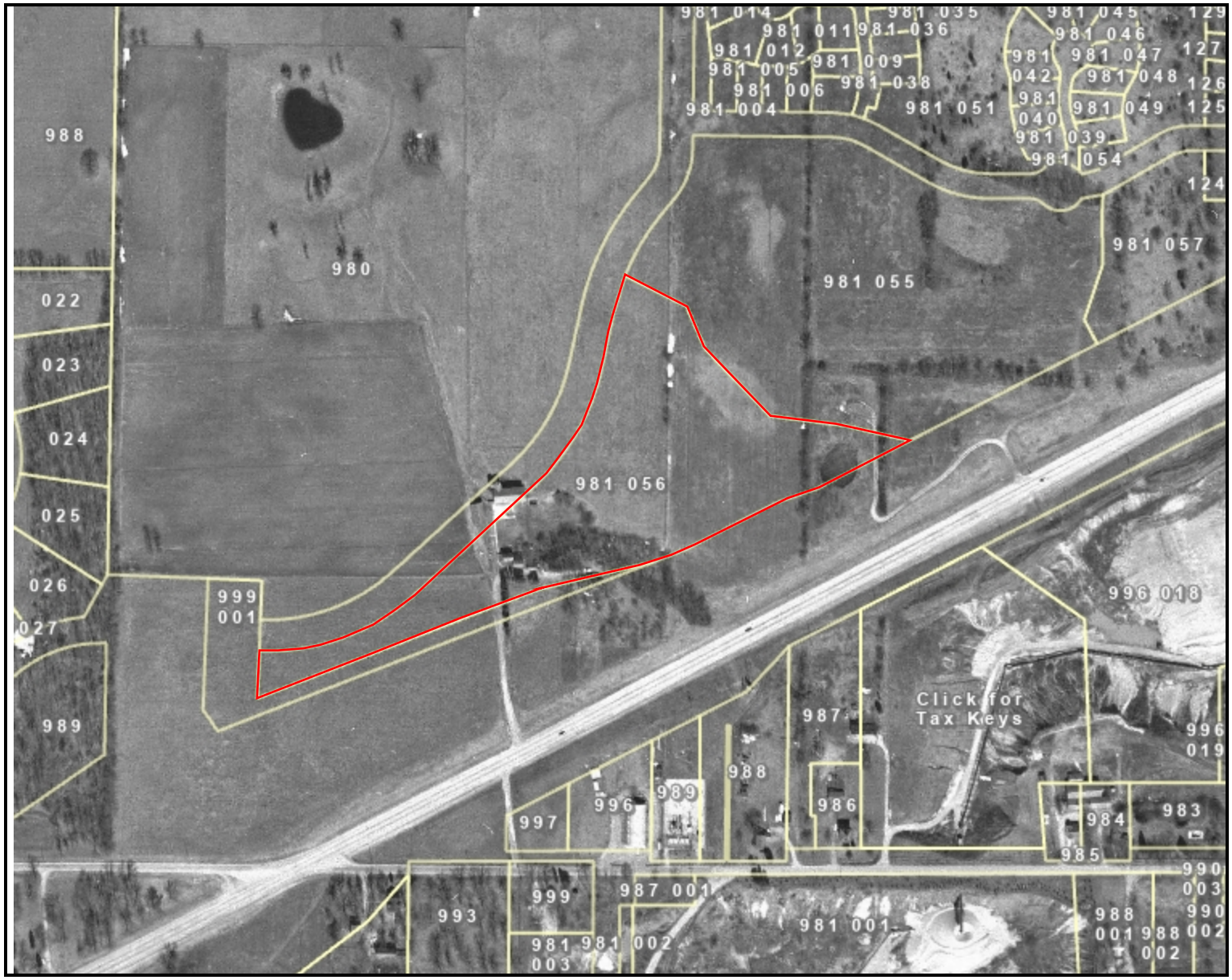
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MAP WAUKESHA county

1963



Legend

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MAP WAUKESHA county

1970



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MAP WAUKESHA county

1980



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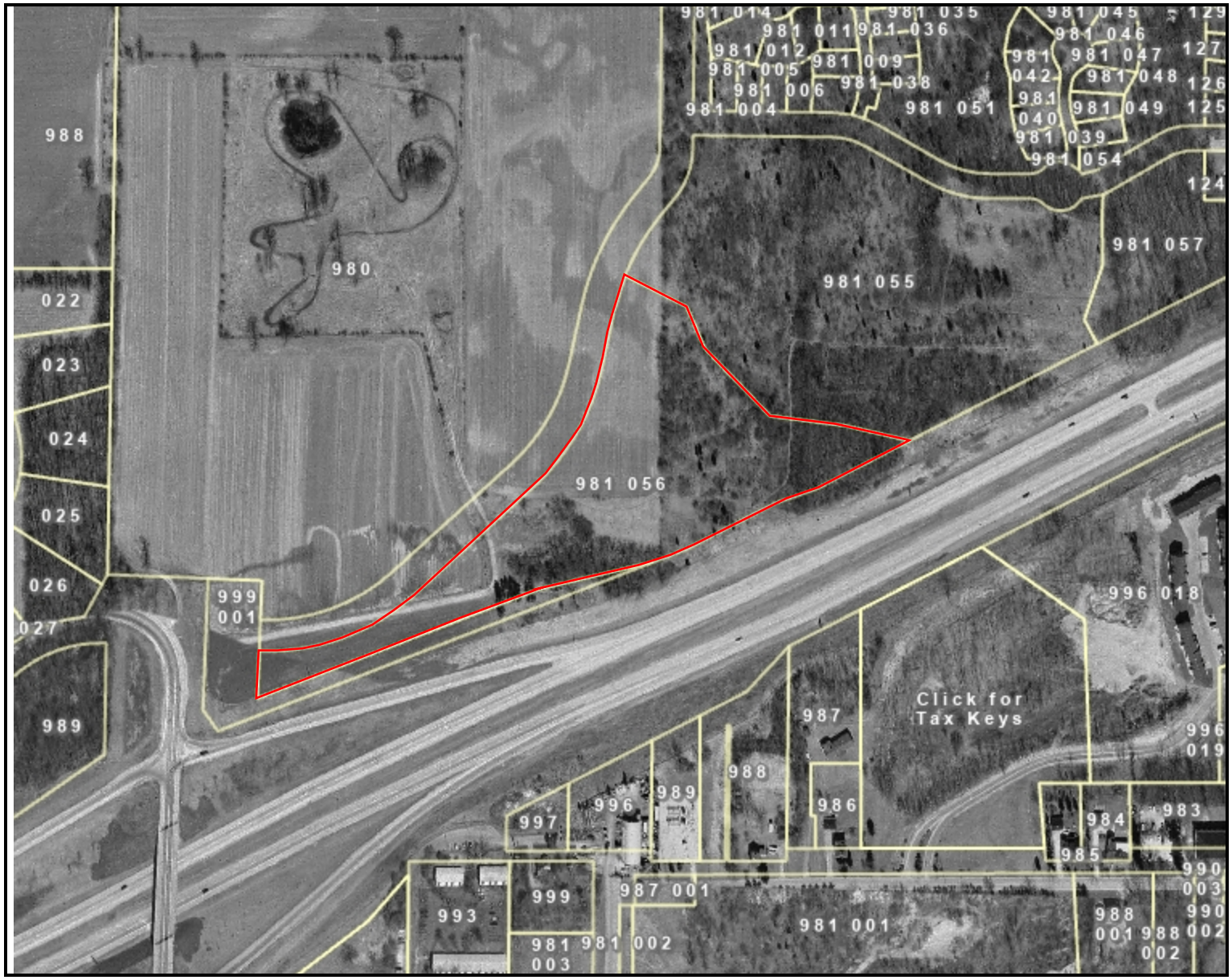
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MAP WAUKESHA county

1990



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MAP WAUKESHA county

1995



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MAP WAUKESHA county

2000



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MAP WAUKESHA county

2005



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MAP WAUKESHA county

2007



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MAP WAUKESHA county

2008



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MAP WAUKESHA county

2010



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MAP WAUKESHA county

2013



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MAP WAUKESHA county

2015



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MAP WAUKESHA county

2017



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MAP WAUKESHA county

2020



Legend

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MAP WAUKESHA county

2022



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Notes:

Printed: 8/1/2024

Campus Drive

Campus Drive

Hartland, WI 53029

Inquiry Number: 7724119.3

August 01, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

08/01/24

Site Name:	Client Name:
Campus Drive	Endpoint Solutions LLC
Campus Drive	6871 South Lovers Ln
Hartland, WI 53029	Franklin, WI 53132
EDR Inquiry # 7724119.3	Contact: Joe Pugel

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Endpoint Solutions LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 38D5-4C87-BC30

PO # 843-004-001

Project Campus Drive

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 38D5-4C87-BC30

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Campus Drive
Campus Drive
Hartland, WI 53029

Inquiry Number: 7724119.5
August 06, 2024

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☐	☑	Cole Information
2014	☐	☑	Cole Information
2010	☑	☑	Cole Information
2005	☐	☑	Cole Information
2000	☐	☑	Cole Information
1995	☐	☑	Cole Information
1992	☐	☑	Cole Information
1986	☐	☑	Bresser's Cross-Index Directory Company
1979	☐	☑	Bresser's Cross-Index Directory Company
1973	☐	☑	Bresser's Cross-Index Directory Company
1969	☐	☑	Bresser's Cross-Index Directory Company

FINDINGS

TARGET PROPERTY STREET

Campus Drive
Hartland, WI 53029

Year	*CD Image*	*Source*	
CAMPUS DR			
2020	pg A1	EDR Digital Archive	
2017	-	Cole Information	Target and Adjoining not listed in Source
2014	-	Cole Information	Target and Adjoining not listed in Source
2010	pg A9	Cole Information	
2005	-	Cole Information	Target and Adjoining not listed in Source
2000	-	Cole Information	Target and Adjoining not listed in Source
1995	-	Cole Information	Target and Adjoining not listed in Source
1992	-	Cole Information	Target and Adjoining not listed in Source
1986	-	Bresser's Cross-Index Directory Company	Street not listed in Source
1979	-	Bresser's Cross-Index Directory Company	Street not listed in Source
1973	-	Bresser's Cross-Index Directory Company	Street not listed in Source
1969	-	Bresser's Cross-Index Directory Company	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
HILL ST		
2020	pg. A2	EDR Digital Archive
2017	pg. A5	Cole Information
2014	pg. A7	Cole Information
2010	pg. A10	Cole Information
2005	pg. A12	Cole Information
2000	pg. A14	Cole Information
1995	pg. A16	Cole Information
1992	pg. A18	Cole Information
1986	pg. A20	Bresser's Cross-Index Directory Company
1979	pg. A21	Bresser's Cross-Index Directory Company
1973	pg. A22	Bresser's Cross-Index Directory Company
1969	pg. A23	Bresser's Cross-Index Directory Company

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CAMPUS DR 2020

401 LAKE COUNTRY LUTH HIGH SCH

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HILL ST 2020

104	BRUCE ALLEN ASSOC
108	Joshua Lvettgen
	Robert Behrend
110	Alexander Mendyk
	Jennifer Mendyk
115	AVALON GRAPHICS
	PRETTY PAWS PET SPA LLC
117	BOARD-BRUSH CREATIVE STUDIO
	EPICQUEST GAMES
121	Victoria Johnson
128	Charles Kelly
	Darlene Kelly
133	BEST EDGE MARKETING
136	Joshua Jarvis
	Michelle Baer
	Sheryl Schmidt
193	Carrie Romanowich
	Shirl Romanowich
195	Lori Uibel
	Michael Uibel
201	Chad Whitmore
	Kathleen McDonald
203	Kathleen Nohl
205	Claudette Cigich
	Stephen Cigich
207	Jerome Molenda
	Lonnie Brockway
	Suzanne Molenda
241	William Forester
250	August Birch
	Johnson John
	Kathleen David
	Kathleen Dessart
	Rachel Clair
	Steven Dowe
	Theresa Birch
302	Carrie Ankerstein
	Cheryl Radulovich
	Gerard Salceda
	James Klibowitz
	Morgan Grocholski
307	Sara Durni
310	Angela Krush
	Arlene Pape
	Sarah Orgovan
	Shaina Jacobs
	Shelli Dupras
311	Diane Vernon
	Jeffery Vernon
335	Dana Garrett

HILL ST 2020 (Cont'd)

335	Jonathan Klippstein
	Kara Waitek
	Richard Klippstein
345	Angela Machado
	Evelyn Laska
	Susan Malone
346	Brandon Wandsnider
	Jason Cutler
	Kimberly Teuteberg
	Maria Lahanis
355	Miranda Weston
	William Weston
375	Natalie Scanlon
	Sean Murphy
420	Allen Brynman
	Ashley Carnes
	Dan Footland
	Donald Bean
	Holly Monreal
	Jessica Zindars
	Michael Bean
	Mike Paddock
	Renee Footland
	Robert Hildebrandt
	Theresa Proft
	Vanessa Kester
421	John Foltz
	Lynne Foltz
430	Kelly Kohl
	William Nourse
431	Jerome Jackson
	Sheri Jackson
510	Lisa Burgett
640	Shauna Young
642	Jean Larsen
664	Jacqueline Janecke
3400	Andrew Owen
	James Blinn
	Joseph Schuett
	Matthew Vandergalien
	Patricia Degodt
3420	Anna Nowicki
	Becky Horcos
	Cheryl Terman
	Donald Koehn
	Joyce Koehn
	Karleen McCarthy
	Leah Shearer
	Terry Strege
31385	DIVINE REDEEMER LUTHERAN CHR

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HILL ST 2020 (Cont'd)

31385 DIVINE REDEEMER LUTHERAN SCH

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2017

104	BRUCE ALIEN ASSOCIATES LAB EQPMNT
108	SCOTT, KEVIN A
118	SNYDER, WILLIAM C
128	KELLY, CHARLES D
133	BEST EDGE MARKETING
136	DRAAYERS, HARRISON J
193	PETERSON, LAURENCE E
195	UIBEL, MICHAEL W
201	MCDONALD, KATHLEEN A
203	NOHL, KATHLEEN C
205	HALLORAN, ROY D
207	MOLENDA, JEROME J
241	FORESTER, WILLIAM H
250	DAVIDSON, NICHOLAS
	DESSART, KELLY A
	KLIBOWITZ, JAMES R
	RUDER, SCOTT T
301	PECHE, WILLIAM J
302	DESAI, JATIN
	MESSIER, CYNTHIA R
	ROBERTS, PAT W
	STEGER, CONNIE K
307	KUECHLER, DAVID R
310	DUPRAS, JEFFREY S
	HEBBE, DEAN H
	PAPE, MARK J
311	VERNON, JEFF L
335	KLIPPSTEIN, JON R
345	LENZ, JAMES A
	MALONE, SUSAN C
	SCHULTZ, G D
346	BELL, NATHANIEL
	BRIER, DAVE M
	ROEMER, KATHLEEN A
	TEUTEBERG, KIMBERLY J
	WINTER, NICOLE
355	WESTON, WILLIAM T
375	BEDORE, RANDALL L
420	COREY, KRISTI K
	HOLME, KAITLIN A
	JOHNSON, RYAN
	KAWATSKI, JULIAN K
	KOCH, PAUL A
	KRUSCHKA, ANGELA M
	PADDOCK, MIKE A
	PEPPER, MEGAN E
	REED, SHANA
	SCHEIBE, DAN
	SOEHRMANN, AMANDA L
	WANDSNIDER, BRANDON

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2017 (Cont'd)

420	WRIGHT, DANIEL E
421	FOLTZ, JOHN D
431	JACKSON, JEROME O
510	DALEY, WANDA
642	LARSEN, JEAN A
664	YOUNG, GEOFFREY A
3400	BLINN, JAMES J
	BRIESKE, MARGARET S
	BURROW, PHILIP M
	ENGEL, BRIAN E
	GUERRA, NATHAN
	REINHART, LORI L
3420	DADTKA, TYLER
	DELANEY, HANNAH
	GOELDNER, WILLIAM D
	KIEKER, JENNIFER L
	RAMOS, JUSTIN
31385	DIVINE REDEEMER LUTHERAN CHURCH

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2014

104	BRUCE ALLEN ASSOCIATES LAB EQPMNT
108	LUETTGEN, JOSHUA
110	BEHREND, ROBERT S
118	SNYDER, WILLIAM C
128	KELLY, CHARLES D
133	BEST EDGE MARKETING
136	THOM, TRENT E
193	PETERSON, KENNETH N
195	UIBEL, MICHAEL W
201	MCDONALD, KATHLEEN A
203	NOHL, KATHLEEN C
205	HALLORAN, ROY D
207	MOLENDA, JEROME J
241	WENZELBURGER, KURT R
250	BIRCH, AUGUST T
	DAILEY, STEFANIE
	KLIBOWITZ, JAMES R
	KNOTT, SHARON I
	ROBARGE, DAVID W
301	PECHE, WILLIAM J
302	DESAI, JATIN
	FLUAITT, GARY L
	JOLLY, DANA A
	KLEIN, TIMOTHY
307	KUECHLER, DAVID R
310	ALLEN, KAUFMAN M
	DUPRAS, JEFFREY S
	HIGHT, DAN A
	KRUSH, ANGIE
	SUKKERT, NICOLE
311	BAKER, BERTHA
345	LENZ, JAMES A
	MALONE, SUSAN C
	OCCUPANT UNKNOWN,
	SCHULTZ, G D
346	BELL, NATHANIEL
	DAUTE, JAMES E
	GRANDT, JOHN
	KLISH, DAVID D
	ROEMER, KATHLEEN A
355	WESTON, WILLIAM T
375	BEDORE, RANDALL L
420	BEAN, MICHAEL
	DEBACK, MICHAEL C
	DENTZ, RUSSELL C
	JOHNSON, RYAN
	KAWATSKI, JULIAN K
	KESTER, VANESSA M
	LUTERBACH, GARY L
	PETERS, CHRISTINE

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2014 (Cont'd)

420	TYNEFIELD, MERRITT B
	WOJDYLA, ANDREW
421	FOLTZ, JOHN D
430	NOURSE, WILLIAM R
431	JACKSON, JEROME O
502	LOWERY-HARVEY, CONNIE D
510	DALEY, CHAD P
640	KRUCHOSKI, JESS
642	LARSON, DENNIS J
664	JANECKE, JACQUELINE A
3400	BURROW, PHILIP M
	KAREL, SCOTT
	MILKEY, BRENT
3420	DELANEY, HANNAH
	GOELDNER, WILLIAM D
	HORCOS, BECKY
	KIEKER, JENNIFER L
	MATLOCK, GORDON C
	PATZEN, KARLEEN L
31385	DIVINE REDEEMER LUTHERAN CHURCH
	DIVINE REDEEMER LUTHERAN SCHOOL
31390	HIBBARD, TOM D

Target Street	Cross Street	Source
✓	-	Cole Information

CAMPUS DR 2010

401 LAKE COUNTRY LUTHERAN HIGH

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2010

104	BRUCE ALLEN ASSOC
	KEWAUNEE MFG CO
	OMALLEY INSURANCE SVC
	WEISS
108	SCOTT, DEANNA M
110	BEHREND, ROBERT S
115	AAI ASSOCIATES
117	DATA CONVERSION
	EBERT PAINTING INC
	GARDNER DENVER NASH LLC
118	SNYDER, WILLIAM C
121	BRIDGEWATER, KEITH A
128	KELLY, CHARLES D
133	HILL STREET GROUP
136	THORN, TRENT E
184	ROSHOLT, LISA M
193	OCCUPANT UNKNOWN,
195	JERNIGAN, GEORGE A
201	MCDONALD, ROBERT G
203	NOHL, KATHLEEN C
205	HALLORAN, ROY D
207	BROCKWAY, LORENA M
241	WENZELBURGER, KURT R
250	HINKFORTH, H
	KOLATA, LAWRENCE J
	NOWICKI, JUSTIN
	OEMIG, THERESA
	POTTER, ROBERT M
301	PECHE, WILLIAM J
302	ACKER, KRISTIE T
	BEHLULI, AHMET R
	DESAI, JATIN
	FLUAITT, GARY
	FOXON, GEORGE
	GILLINGHAM, MARK
	GROCHOLSKI, MORGAN
	JOLLY, DANA A
	MASSE, FRANCES
	MISCHKA, TIM R
	SORENSEN, SHAUNE M
	STEGER, JUDITH R
307	KUECHLER, DAVID R
310	ALBRECHT, DAYNA A
	BEHREND, RICHARD W
	PAPE, MARK J
335	PETERSON, JOSHUA T
345	KRAEMER, MEGAN E
	MALONE, SUSAN C
	OCCUPANT UNKNOWN,
	SEIFERT, JEFF D

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2010 (Cont'd)

346	BELL, NATHANIEL
	BONDE, NICHOLAS
	KERNLER, JOANNE B
	ROEMER, KATHLEEN
	VANLAANEN, KAYLA N
355	WESTON, WILLIAM T
375	BEDORE, RANDALL L
420	DENTZ, RUSSELL C
	HILDEBRANDT, ROBERT
	KAWATSKI, JULIAN K
	KESTER, VANESSA
	LUTERBACH, GARY L
	MUSIL, TARA
	PICHLER, SARAH
	SCHAEFER, KELLI
	STERNER, S A
421	FOLTZ, JOHN D
430	OCCUPANT UNKNOWN,
431	JACKSON, JEROME O
497	WETTBERG, ROGER
510	DALEY, PHILIP M
640	PETERSON, BRENDA J
642	LARSEN, JEAN A
664	YOUNG, GEOFFREY A
815	CONDON, GWEN
3400	BLINN, JAMES
	BLOCH, TIM P
	BURROW, PHILIP M
	NAWROCKI, DAVID M
	PAGAC, DAWN M
	TIETGEN, SAMANTHA
3420	HITZ, MICHAEL S
	KIEKER, JENNIFER L
	MATLOCK, GORDON C
	SCHWINDT, JOSEPH
	WUERFLEIN, REBECCA

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2005

104	AAI ASSOCIATES
	STEWART, RANDY A
110	STOCKS, WILLIAM D
115	PERDZIAK CHIROPRACTIC OFFICE SC
118	SNYDER, WILLIAM C
121	BLACKBURN, ROBERT C
	OCCUPANT UNKNOWN,
128	KELLY, CHARLES D
136	JARVIS, JOSHUA J
184	BITNER, BRIAN X
193	PETERSON, KENNETH N
195	JERNIGAN, GEORGE A
201	STOLP, RICHARD E
203	MICHOR, EDWARD J
205	HALLORAN, ROY D
207	OCCUPANT UNKNOWN,
241	GLEISNER, ANDREW G
242	WALLSWORTH, TYLER P
250	LANGWORTHY, SARA
	TOLENTINO, CHRISTINA M
301	PECHE, WILLIAM J
302	ACKER, KRISTIE
	MARMES, PAUL M
	RADUOZICH, CHERYL
	STEGER, JUDITH R
	TOMASZEWSKI, DAVID A
	TOTH, JOSEPH M
	TRUEDEN, JANYCE L
307	KUECHLER, DAVID R
310	ALLEN, KAUFMAN M
	BEHREND, RICHARD W
	FISCHER, BARTON C
	GERLACH, JOSEPH C
	GROSS, MARK E
	MARINO, MARTIN A
	PAPE, ARLENE M
	TAAVOLA, DEREK B
	UMORSAIZAL, UMORBASAR
	VANEK, AMY R
311	GRUBER, RICHARD J
335	COLEMAN, JOHN M
345	BREDL, EUGENE J
	ZWASKA, MARK A
346	BEDNAR, PATRICK R
	BURZLAFF, PAUL
	FULWILER, JENNIFER E
	GIRDAUKAS, KELLY L
	KERNLER, JOANNE B
	KOLSTAD, MARGARET M
	OLSON, JEFFREY J

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2005 (Cont'd)

346	ROHDE, SHANNON
355	OPIE, PAUL J
375	BEDORE, LLOYD A
420	BUTLER, COLIN J
	DENTZ, RUSSELL
	GROMOWSKI, TANA S
	HOCK, WILLIAM H
	KAWATSKI, JULIAN K
	LEMKE, DEANNA M
	LUTERBACH, GARY L
	MCWILLIAMS, LARRY F
	PAPPALARDO, DINA M
	PIERSON, ROBERT D
	PILSNER, CHARLES L
	PONTILLO, CARL J
	RANDALL, EDWIN C
	STANKARD, L
	STERNER, S A
	WERTH, JOHN T
421	BOSSERT, N
430	KOHL, KELLY A
	WILLSKI LLC
431	JACKSON, JEROME O
497	WETTBERG, ROGER
510	DALEY, PHILIP M
640	OCCUPANT UNKNOWN,
642	LARSEN, HOWARD L
664	OCCUPANT UNKNOWN,
3400	HASSEMER, JOHN B
	PAGAC, DAWN M
	SELTHAFNER, JOSEPH
	STEVENS, DONALD W
3420	DRISCOLL, RAYMOND A
	HITZ, MICHAEL S
	HOLENTUNDER, FREDRICK J
	KIEKER, JENNIFER L
	MILLER, DEBRA
	WARNER, TODD

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2000

108	OCCUPANT UNKNOWN,
118	SNYDER, WILLIAM C
121	CAVALERI, CHERI R
	HERZOG, LISA N
	SHEA, KITTY H
128	KELLY, CHARLES D
136	TISDALE, JOHN
158	OCCUPANT UNKNOWN,
180	OCCUPANT UNKNOWN,
186	BEAUMONT, E
224	SCHULTZ, KRISTA
241	HOLSEN, JEANNE E
242	OCCUPANT UNKNOWN,
250	ANKERSTEIN, E
301	PECHE, WILLIAM
302	CARROTHERS, DAWN M
	HAAS, J
	JACKSON, STEVE
	MARMES, PAUL M
	NEHLS, TROY
	RAST, AMY
	ROBERTS, PAT
	SCHROEDER, JOYCE
307	OCCUPANT UNKNOWN,
310	AUER, JAMES
	CHAPMAN, JASON
	DAVID, JUDY A
	GERLACH, MICHAEL D
	HINKLEY, RICHARD
	KAMUCHEY, MATHEW J
	MANNE, K
	ROEMHILDT, SUSAN
	SCHAUER, BRETT S
	TAAVOLA, DEREK
311	OCCUPANT UNKNOWN,
335	BUECH, JODI L
345	BREDL, MARION
346	BEDORE, TIMOTHY P
	BOGGS, MARY F
	BUDZIEN, C M
	CONDELLA, TONY D
	DURAN, JAMES S
	GIRDAUKAS, KELLY
	NOEL, CASEY
	PYNAKKER, KERSTIN
	ROTTEN, ROBIN K
	ROTTGEN, ROBIN K
	SPYERS, DURAN J
	TUFF, HEATHER E
355	OPIE, PAUL J

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 2000 (Cont'd)

365	OCCUPANT UNKNOWN,
375	BEDORE, LLOYD A
420	BRINKMAN, CARL
	BULLEN, MARK S
	DENTZ, RUSSELL C
	DREW, ANTHONY
	ENDRES, DANIEL J
	ENGMAN, DIANNE N
	KAWATSKI, JULIAN K
	LENTSCHER, RICHARD E
	LUTERBACH, GARY L
	MCWILLIAMS, LARRY F
	NINES, PETER
	PILSNER, CHARLES
	RANA, IMRAN
	RANDALL, EDWIN C
	RIFE, NATHAN
	RYUN, PAT
	VANLARE, CHRIS
421	BEDORE, PATRICK
430	NOURSE, WILLIAM R
431	JACKSON, JEROME
510	DALEY WEATHERSTRIP CO
	DALEY, PHILIP
640	YOUNG, G A
642	LARSEN, HOWARD
664	JANECKE, J
3400	BRUSS, JODY L
	GONET, PAUL
	GUERRA, DANIEL L
	HALL, MICHAEL J
	KRUG, JUNE
	LAUFENBERG, SARA
	STEINHART, JEFFERY S
3420	HITZ, MICHAEL S
	HUMPHREY, JENNY
	KROLIKOWSKI, ALOIS
	MELCHER, CAROLE
	NEWMAN, LANA
	REESE, ALYSIA

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 1995

104	BRUCE ALLEN ASSOC
	KOPPEN & ASSOC INC
	STEWART, RANDY
108	MUSHEL, J L
110	SCHWAGER, L R
115	PERDZIAK CHIROPRACTIC OFFICE
	PERDZIAK, MICHAEL A
117	DATA CONVERSION
118	SNYDER, WILLIAM C
121	LAATSCH, EDWIN F
128	KELLY, CHARLES D JR
136	CARLSON, FRANK III
180	SELJE, GAIL
241	LINK, WILBUR F
242	OCCUPANT UNKNOWNN
250	LANDERS, KEVIN J
	PETT, TIMOTHY
301	PECHE, WILLIAM T
302	BOYSA, STEVE JR
	BRAZELTON, RICH
	BRECKENFELD, BRUCE P
	DAVIS, ROBERT JR
	FABIAN, ROBERT
	JACKSON, STEVE
	JOHNSON, JOEL S
	LEADER, CAROL
	SCHLAGEL, JASON
	VANERT, DAVID
307	PAGAC, BARBARA
310	BOIVIN, PATRICK
	EBNER, TERI
	ENGEL, DOUGLAS
	HERNANDEZ, AARON M
	JACOBSON, GEORGE
	JUPP, K
	LAPORTE, JOHN E
	MARX, KENNETH
	RITTER, PETER
	SHAW, DENISE D
311	LUETKE, GERALD A
335	RAMSTER, HELMUTH
345	BREDL, MARION
	DANIELS, L
346	BABCOCK, DENNIS
	CLARK, FREDK
	DOBBS, S
	SCHACHT, LAURA
	SCHNEIDER, C
	VOELKER, ROGER
	ZUNKER, TRACEY S

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 1995 (Cont'd)

355	OPIE, PAUL J
375	BEDORE, LLOYD A
420	BRINKMAN, CARL
	ENDRES, DANIEL J
	FOX, LORI
	GARITY, ROBERT
	HAASE, ANN
	LEDUC, ROBERT
	LEWANDOWSKI, MIKE
	LUTERBACH, GARY L
	MATZ, AARON
	MCWILLIAMS, L F
	MIHM, D L
	MOON, CHRIS
	WARD, CHARLES
	WORKMAN, MATTHEW J
	ZINGLER, GLADYS L
430	MASTAW, NANCY
452	OCCUPANT UNKNOWNN
510	DALEY, PHILIP
640	YOUNG, G A
642	LARSEN, HOWARD
664	OCCUPANT UNKNOWNN
3400	BULL, LEONA
	CAIN, TAMMY
	ECKERT, DEANNA
	EDWARDS, K
	GOETSCH, WM
	JOHNSON, JEREMY
	KERR, DENNIS A JR
3420	HUMPHREY, J A
	JENNERJOHN, BRUCE
	LEMAHIEU, KEITH
	MALECKI, TABETHA A
	RIEMER, TODD W
	WESTLUND, DOROTHY A

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 1992

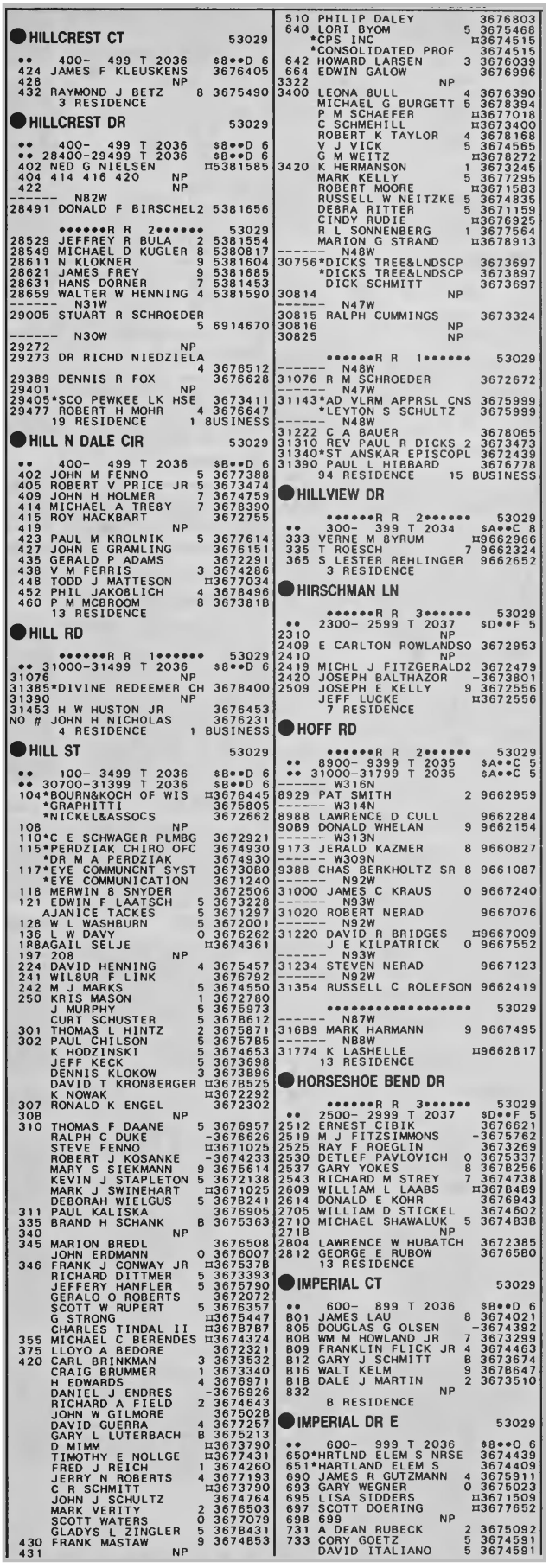
104	AAI ASSOCIATES
	BRUCE-ALLEN ASSOC
	FOLLETT REGIONAL
	KEWAUNEE MFG CO
	KEWAUNEE SCI EQPT
	KOPPEN&ASSOC
	NICKEL&ASSOCS
	RANDY STEWART
	STEWART, RANDY
108	DUGAN, DONALD S
110	SCHWAGER, L R
115	DR M A PERDZIAK
	PERDZIAK CHIRO OFC
	PERDZIAK, MICHAEL A
117	EYE COMMUNCNT SYST
118	SNYDER, WILLIAM C
121	LAATSCH, EDWIN F
	MAPES, DAVID
128	KELLY, CHARLES D JR
136	CARLSON, FRANK III
180	SELJE, GAIL
241	JONES, TEDDY
	LINK, WILBUR F
242	DARLING, LIANE
301	PECHE, WILLIAM T
302	DOMINICK, DAVID
	KINGSBURY, K
310	FERRIS, M
	LOCEY, RICHARD
311	LUETKE, GERALD A JR
335	RAMSTER, HELMUTH
345	BREDL, MARION
	DANIELS, L
355	BERENDES, MICHAEL C
375	BEDORE, LLOYD A
420	DALGREN, K
	EDWARDS, H
430	MASTAW, MARK P
510	DALEY, PHILIP
664	KAUFMAN, RON
2504	LANDERS, KEVIN J
3024	HEMENWAY, TINA
	HORN, JOHN
3027	BABICH, PAM
3028	FABIAN, CURTIS
3102	BLOCK, MATTHEW T
3105	DUKE, RALPH C
3106	SIEKMANN, MARY S
3108	SHAW, DENISE D
3400	KNOEPKE, DEANNA

Target Street	Cross Street	Source
-	✓	Cole Information

HILL ST 1992 (Cont'd)

3400	ZYNDA, CARRY
3420	NEITZKE, RUSSELL W
	SWALBY, DENISE T
3463	SUTTER, J L
3467	CLARK, SUSAN A
4201	LUTERBACH, GARY L

HILL ST 1986



HILLCREST CT 53029

•• 400- 499 T 2036 $8••D 6
424 JAMES F KLEUSKENS 3676405
428 NP
432 RAYMOND J BETZ 8 3675490
3 RESIDENCE

HILLCREST DR 53029

•• 400- 499 T 2036 $8••D 6
•• 28400-29499 T 2036 $B••D 6
402 NED G NIELSEN H5381585
404 414 416 420 NP
422 NP
------ N82W
28491 DONALD F BIRSCHEL2 5381656

••••••R R 2•••••• 53029
28529 JEFFREY R BULA 2 5381554
28549 MICHAEL D KUGLER 8 5380817
28611 N KLOKNER 9 5381604
28621 JAMES FREY 9 5381685
28631 HANS DORNER 7 5381453
28659 WALTER W HENNING 4 5381590
------ N31W
29005 STUART R SCHROEDER
5 6914670
------ N30W
29272 NP
29273 DR RICHD NIEDZIELA
4 3676512
29389 DENNIS R FOX 3676628
29401 NP
29405*SCO PEWKEE LK HSE 3673411
29477 ROBERT H MOHR 4 3676647
19 RESIDENCE 1 BUSINESS

HILL N DALE CIR 53029

•• 400- 499 T 2036 $B••D 6
402 JOHN M FENNO 5 3677388
405 ROBERT V PRICE JR 5 3673474
409 JOHN H HOLMER 7 3674759
414 MICHAEL A TREBY 7 3678390
415 ROY HACKBART 3672755
419 NP
423 PAUL M KROLNIK 5 3677614
427 JOHN E GRAMLING 3676151
435 GERALD P ADAMS 3672291
438 V M FERRIS 3 3674286
448 TODD J MATTESON H3677034
452 PHIL JAKOBLICH 4 3678496
460 P M MCBROOM 8 367381B
13 RESIDENCE

HILL RD

••••••R R 1•••••• 53029
•• 31000-31499 T 2036 $8••D 6
31076 NP
31385*DIVINE REDEEMER CH 3678400
31390 NP
31453 H W HUSTON JR 3676453
NO # JOHN H NICHOLAS 3676231
4 RESIDENCE 1 BUSINESS

HILL ST 53029

•• 100- 3499 T 2036 $B••D 6
•• 30700-31399 T 2036 $B••D 6
104*BOURN&KOCH OF WIS H3676445
*GRAPHITTI 3675805
*NICKEL&ASSOCS 3672662
108 NP
110*C E SCHWAGER PLMBG 3672921
115*PERDZIAK CHIRO OFC 3674930
*DR M A PERDZIAK 3674930
117*EYE COMMUNCNT SYST 3673080
*EYE COMMUNICATION 3671240
118 MERWIN B SNYDER 3672506
121 EDWIN F LAATSCH 5 3673228
AJANICE TACKES 5 3671297
128 W L WASHBURN 5 3672001
136 L W DAVY O 3676262
1R8AGAIL SELJE H3674361
197 208 NP
224 DAVID HENNING 4 3675457
241 WILBUR F LINK 3676792
242 M J MARKS 5 3674550
250 KRIS MASON 1 3672780
J MURPHY 5 3675973
CURT SCHUSTER 5 367B612
301 THOMAS L HINTZ 2 3675871
302 PAUL CHILSON 5 3675785
K HODZINSKI 5 3674653
JEFF KECK 5 3673698
DENNIS KLOKOW 3 3673B96
DAVID T KRONBERGER H367B525
K NOWAK H3672292
307 RONALD K ENGEL 3672302
308 NP
310 THOMAS F DAANE 5 3676957
RALPH C DUKE -3676626
STEVE FENNO H3671025
ROBERT J KOSANKE -3674233
MARY S SIEKMANN 9 3675614
KEVIN J STAPLETON 5 3672138
MARK J SWINEHART H3671025
DEBORAH WIELGUS 5 367B241
311 PAUL KALISKA 3676905
335 BRAND H SCHANK B 3675363
340 NP
345 MARION BREDL 3676508
JOHN ERDMANN O 3676007
346 FRANK J CONWAY JR H367537B
RICHARD DITTMER 5 3673393
JEFFERY HANFLER 5 3675790
GERALD O ROBERTS 3672072
SCOTT W RUPERT 5 3676357
G STRONG H3675447
CHARLES TINDAL II H367B7B7
355 MICHAEL C BERENDES H3674324
375 LLOYD A BEDORE 3672321
420 CARL BRINKMAN 3 3673532
CRAIG BRUMMER 1 3673340
H EDWARDS 4 3676971
DANIEL J ENDRES -3676926
RICHARD A FIELD 2 3674643
JOHN W GILMORE 3675028
DAVID GUERRA 4 3677257
GARY L LUTERBACH B 3675213
D MIMM H3673790
TIMOTHY E NOLLGE H3677431
FRED J REICH 1 3674260
JERRY N ROBERTS 4 3677193
C R SCHMITT H3673790
JOHN J SCHULTZ 3674764
MARK VERITY 2 3676503
SCOTT WATERS O 3677079
GLADYS L ZINGLER 5 367B431
430 FRANK MASTAW 9 3674B53
431 NP
510 PHILIP DALEY 3676803
640 LORI BYOM 5 3675468
*CPS INC H3674515
*CONSOLIDATED PROF 3674515
642 HOWARD LARSEN 3 3676039
664 EDWIN GALOW 3676996
3322 NP
3400 LEONA BULL 4 3676390
MICHAEL G BURGETT 5 3678394
P M SCHAEFER H3677018
C SCHMEHILL H3673400
ROBERT K TAYLOR 4 3678168
V J VICK 5 3674565
G M WEITZ H3678272
3420 K HERMANSON 1 3673245
MARK KELLY 5 3677295
ROBERT MOORE H3671583
RUSSELL W NEITZKE 5 3674835
DEBRA RITTER 5 3671159
CINDY RUDIE H3676925
R L SONNENBERG 1 3677564
MARION G STRAND H3678913
------ N48W
30756*DICKS TREE&LNDSCP 3673697
*DICKS TREE&LNDSCP 3673897
DICK SCHMITT 3673697
30814 NP
------ N47W
30815 RALPH CUMMINGS 3673324
30816 NP
30825 NP

••••••R R 1•••••• 53029
------ N48W
31076 R M SCHROEDER 3672672
------ N47W
31143*AD VLRM APPRSL CNS 3675999
*LEYTON S SCHULTZ 3675999
------ N48W
31222 C A BAUER 3678065
31310 REV PAUL R DICKS 2 3673473
31340*ST ANSKAR EPISCOPL 3672439
31390 PAUL L HIBBARD 3676778
94 RESIDENCE 15 BUSINESS

HILLVIEW DR

••••••R R 2•••••• 53029
•• 300- 399 T 2034 $A••C 8
333 VERNE M BYRUM H9662966
335 T ROESCH 7 9662324
365 S LESTER REHLINGER 9662652
3 RESIDENCE

HIRSCHMAN LN

••••••R R 3•••••• 53029
•• 2300- 2599 T 2037 $D••F 5
2310 NP
2409 E CARLTON ROWLANDSO 3672953
2410 NP
2419 MICHL J FITZGERALD2 3672479
2420 JOSEPH BALTHAZOR -3673801
2509 JOSEPH E KELLY 9 3672556
JEFF LUCKE H3672556
7 RESIDENCE

HOFF RD

••••••R R 2•••••• 53029
•• 8900- 9399 T 2035 $A••C 5
•• 31000-31799 T 2035 $A••C 5
------ W316N
8929 PAT SMITH 2 9662959
------ W314N
8988 LAWRENCE D CULL 9662284
9089 DONALD WHELAN 9 9661154
------ W313N
9173 JERALD KAZMER 8 9660827
------ W309N
9388 CHAS BERKHOLTZ SR 8 9661087
------ N92W
31000 JAMES C KRAUS O 9667240
------ N93W
31020 ROBERT NERAD 9667076
------ N92W
31220 DAVID R BRIDGES H9667009
J E KILPATRICK O 9667552
------ N93W
31234 STEVEN NERAD 9667123
------ N92W
31354 RUSSELL C ROLEFSON 9662419

•••••••••••••••••• 53029
------ N87W
316B9 MARK HARMANN 9 9667495
------ N88W
31774 K LASHELLE H9662817
13 RESIDENCE

HORSESHOE BEND DR

••••••R R 3•••••• 53029
•• 2500- 2999 T 2037 $D••F 5
2512 ERNEST CIBIK 3676621
2519 M J FITZSIMMONS -3675762
2525 RAY F ROEGLIN 3673269
2530 DETLEF PAVLOVICH O 3675337
2537 GARY YOKES 8 367B256
2543 RICHARD M STREY 7 3674738
2609 WILLIAM L LAABS H367B4B9
2614 DONALD E KOHR 3676943
2705 WILLIAM D STICKEL 3674602
2710 MICHAEL SHAWALUK 5 3674B3B
271B NP
2804 LAWRENCE W HUBATCH 3672385
2812 GEORGE E RUBOW 3676580
13 RESIDENCE

IMPERIAL CT 53029

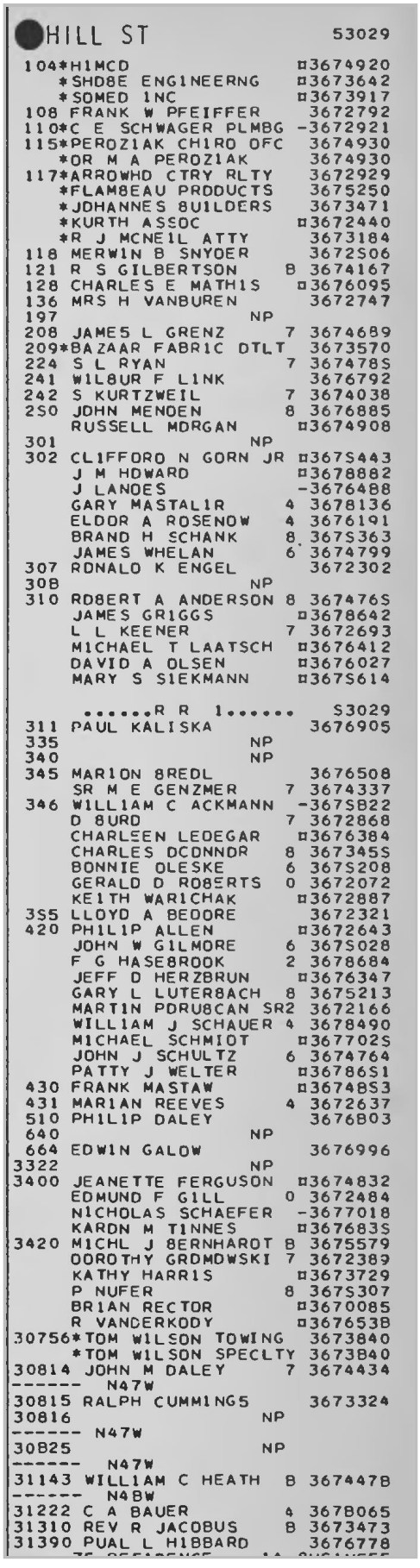
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B01 JAMES LAU 8 3674021
805 DOUGLAS G OLSEN -3674392
B0B WM M HOWLAND JR 7 3673299
B09 FRANKLIN FLICK JR 4 3674463
B12 GARY J SCHMITT B 3673674
B16 WALT KELM 9 367B647
B1B DALE J MARTIN 2 3673510
832 NP
B RESIDENCE

IMPERIAL DR E 53029

•• 600- 999 T 2036 $8••O 6
650*HRTLND ELEM S NRSE 3674439
651*HARTLAND ELEM S 3674409
690 JAMES R GUTZMANN 4 3675911
693 GARY WEGNER O 3675023
695 LISA SIDDERS H3671509
697 SCOTT DOERING H3677652
698 699 NP
731 A DEAN RUBECK 2 3675092
733 CORY GOETZ 5 3674591
DAVID ITALIANO 5 3674591

Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

HILL ST 1979



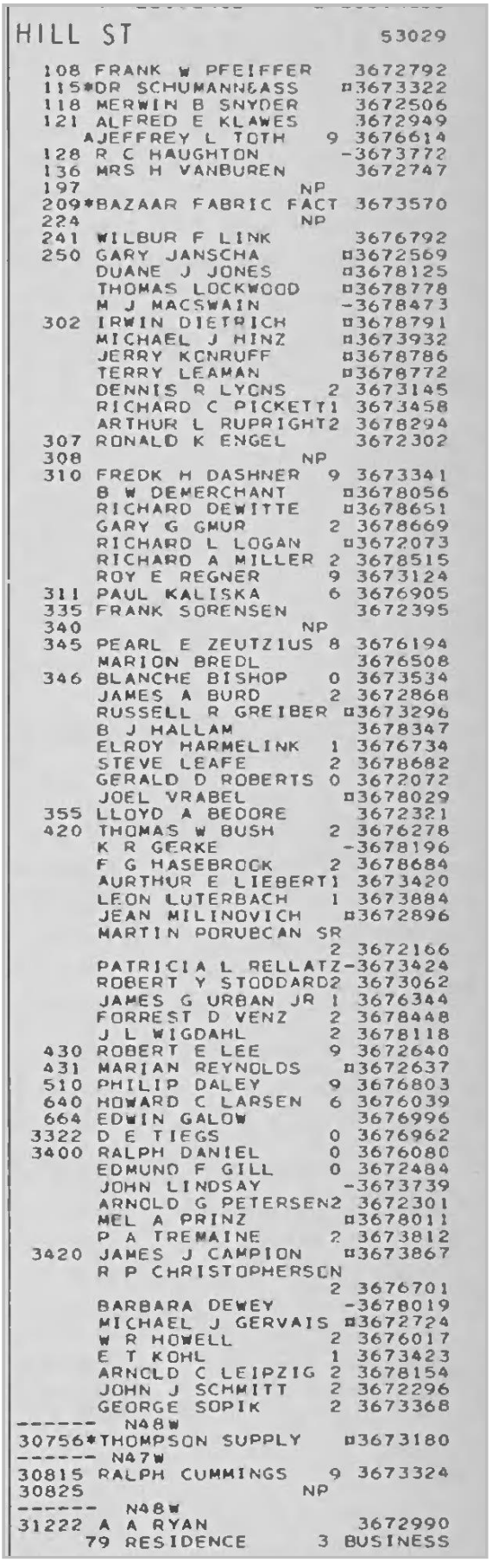
HILL ST 53029

104*H1MCD ¤3674920
*SHD8E ENG1NEERNG ¤3673642
*SOMED 1NC ¤3673917
108 FRANK W PFEIFFER 3672792
110*C E SCHWAGER PLMBG -3672921
115*PEROZ1AK CH1RO OFC 3674930
*OR M A PEROZ1AK 3674930
117*ARROWHD CTRY RLTY 3672929
*FLAM8EAU PRODUCTS 3675250
*JOHANNES 8U1LDERS 3673471
*KURTH ASSOC ¤3672440
*R J MCNE1L ATTY 3673184
118 MERW1N B SNYDER 3672S06
121 R S GILBERTSON B 3674167
128 CHARLES E MATH1S ¤3676095
136 MRS H VANBUREN 3672747
197 NP
208 JAME5 L GRENZ 7 3674689
209*BAZAAR FABR1C DTLT 3673570
224 S L RYAN 7 367478S
241 W1L8UR F L1NK 3676792
242 S KURTZWEIL 7 3674038
2S0 JOHN MENDEN 8 3676885
RUSSELL MORGAN ¤3674908
301 NP
302 CL1FFORD N GORN JR ¤367S443
J M HOWARD ¤3678882
J LANOES -3676488
GARY MASTAL1R 4 3678136
ELDOR A ROSENOW 4 3676191
BRAND H SCHANK 8 367S363
JAMES WHELAN 6 3674799
307 RONALD K ENGEL 3672302
308 NP
310 RO8ERT A ANDERSON 8 367476S
JAMES GR1GGS ¤3678642
L L KEENER 7 3672693
M1CHAEL T LAATSCH ¤3676412
DAVID A OLSEN ¤3676027
MARY S S1EKMANN ¤367S614

.....R R 1..... S3029
311 PAUL KALISKA 3676905
335 NP
340 NP
345 MAR1ON 8REDL 3676508
SR M E GENZMER 7 3674337
346 W1LL1AM C ACKMANN -367SB22
D 8URD 7 3672868
CHARLEEN LEDEGAR ¤3676384
CHARLES DONNOR 8 367345S
BONNIE OLESKE 6 367S208
GERALD D RO8ERTS 0 3672072
KE1TH WAR1CHAK ¤3672887
3S5 LLOYD A BEDORE 3672321
420 PH1L1P ALLEN ¤3672643
JOHN W G1LMORE 6 367S028
F G HASE8ROOK 2 3678684
JEFF D HERZBRUN ¤3676347
GARY L LUTER8ACH 8 3675213
MART1N PDRU8CAN SR2 3672166
W1LL1AM J SCHAUER 4 3678490
M1CHAEL SCHMIDT ¤367702S
JOHN J SCHULTZ 6 3674764
PATTY J WELTER ¤36786S1
430 FRANK MASTAW ¤3674BS3
431 MAR1AN REEVES 4 3672637
510 PH1L1P DALEY 3676B03
640 NP
664 EDW1N GALOW 3676996
3322 NP
3400 JEANETTE FERGUSON ¤3674832
EDMUND F G1LL 0 3672484
N1CHOLAS SCHAEFER -3677018
KARON M T1NNES ¤367683S
3420 M1CHL J 8ERNHAROT B 3675579
OOROTHY GROMOWSKI 7 3672389
KATHY HARR1S ¤3673729
P NUFER 8 367S307
BR1AN RECTOR ¤3670085
R VANDERKODY ¤367653B
30756*TOM W1LSON TOWING 3673840
*TOM W1LSON SPECLTY 3673B40
30814 JOHN M DALEY 7 3674434
------ N47W
30815 RALPH CUMM1NGS 3673324
30816 NP
------ N47W
30B25 NP
------ N47W
31143 WILL1AM C HEATH B 3674478
------ N4BW
31222 C A BAUER 4 367B065
31310 REV R JACOBUS B 3673473
31390 PUAL L H1BBARD 3676778

Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

HILL ST 1973



HILL ST 53029

108 FRANK W PFEIFFER 3672792
115*DR SCHUMANN&ASS ¤3673322
118 MERWIN B SNYDER 3672506
121 ALFRED E KLAWES 3672949
AJEFFREY L TOTH 9 3676614
128 R C HAUGHTON -3673772
136 MRS H VANBUREN 3672747
197 NP
209*BAZAAR FABRIC FACT 3673570
224 NP
241 WILBUR F LINK 3676792
250 GARY JANSCHA ¤3672569
DUANE J JONES ¤3678125
THOMAS LOCKWOOD ¤3678778
M J MACSWAIN -3678473
302 IRWIN DIETRICH ¤3678791
MICHAEL J HINZ ¤3673932
JERRY KONRUFF ¤3678786
TERRY LEAMAN ¤3678772
DENNIS R LYONS 2 3673145
RICHARD C PICKETT1 3673458
ARTHUR L RUPRIGHT2 3678294
307 RONALD K ENGEL 3672302
308 NP
310 FREDK H DASHNER 9 3673341
B W DEMERCHANT ¤3678056
RICHARD DEWITTE ¤3678651
GARY G GMUR 2 3678669
RICHARD L LOGAN ¤3672073
RICHARD A MILLER 2 3678515
ROY E REGNER 9 3673124
311 PAUL KALISKA 6 3676905
335 FRANK SORENSEN 3672395
340 NP
345 PEARL E ZEUTZIUS 8 3676194
MARION BREDL 3676508
346 BLANCHE BISHOP 0 3673534
JAMES A BURD 2 3672868
RUSSELL R GREIBER ¤3673296
B J HALLAM 3678347
ELROY HARMELINK 1 3676734
STEVE LEAFE 2 3678682
GERALD D ROBERTS 0 3672072
JOEL VRABEL ¤3678029
355 LLOYD A BEDORE 3672321
420 THOMAS W BUSH 2 3676278
K R GERKE -3678196
F G HASEBROCK 2 3678684
AURTHUR E LIEBERT1 3673420
LEON LUTERBACH 1 3673884
JEAN MILINOVICH ¤3672896
MARTIN PORUBCAN SR
2 3672166
PATRICIA L RELLATZ-3673424
ROBERT Y STODDARD2 3673062
JAMES G URBAN JR 1 3676344
FORREST D VENZ 2 3678448
J L WIGDAHL 2 3678118
430 ROBERT E LEE 9 3672640
431 MARIAN REYNOLDS ¤3672637
510 PHILIP DALEY 9 3676803
640 HOWARD C LARSEN 6 3676039
664 EDWIN GALOW 3676996
3322 D E TIEGS 0 3676962
3400 RALPH DANIEL 0 3676080
EDMUND F GILL 0 3672484
JOHN LINDSAY -3673739
ARNOLD G PETERSEN2 3672301
MEL A PRINZ ¤3678011
P A TREMAINE 2 3673812
3420 JAMES J CAMPION ¤3673867
R P CHRISTOPHERSON
2 3676701
BARBARA DEWEY -3678019
MICHAEL J GERVAIS ¤3672724
W R HOWELL 2 3676017
E T KOHL 1 3673423
ARNOLD C LEIPZIG 2 3678154
JOHN J SCHMITT 2 3672296
GEORGE SOPIK 2 3673368
------ N48W
30756*THOMPSON SUPPLY ¤3673180
------ N47W
30815 RALPH CUMMINGS 9 3673324
30825 NP
------ N48W
31222 A A RYAN 3672990
79 RESIDENCE 3 BUSINESS

Target Street	Cross Street	Source
-	✓	Bresser's Cross-Index Directory

HILL ST 1969

32 RESIDENCE 1 BUSINESS

HILL ST 53029

108 FRANK W PFEIFFER 3672792
115*DR G 8 SCHUMANN ¤3673322
*DR K W SCHUMANN ¤3673322
118 WILLIAM M MCCOY 6 3672506
MERWIN B SNYDER 3672S06
121 ALFREO E KLAWES 3672949
AJEFFREY L TOTH ¤3676614
128 STEPHEN J PREISLER-3673348
136 HAROLO VANBUREN 3672747
210*LIL SHARPY PROOCTS 3676804
241 WIL8UR F LINK 3676792
307 RONALD K ENGEL 3672302
31D GEDRGE J SCHNEIDER¤3672018
ROY E REGNER -3673124
DONALD R FREORICK -3673126
FREOK H DASHNER ¤3673341
WILLIAM 8IERSACH ¤3676023
GEDRGE GREER ¤3676947
311 PAUL KALISKA 6 3676905
33S FRANK SORENSEN 3672395
340 KENNETH JOERS ¤3672048
345 PEARL E ZEUTZIUS 8 3676194
MARIDN 8REOL 3676508
346 OON E GOESSEL ¤3672229
R 8 MCNULTY ¤3672613
JAMES A HATELSTAO ¤3673077
S A ROSANOICH -3676244
3S5 LLOYD A 8EDORE 3672321
430 RO8ERT E LEE -3672640
431 JOHN SLOMINSKI -3672270
510 PHILIP OALEY -3676803
640 HOWARO C LARSEN 6 3676039
664 EOWIN GALOW 3676996
NO # JOHN H NICHOLAS 7 3676231
NO # H E SCHROEOER 6 3672672
NO #*T SHOGREN CHEVROLT¤3676980
NO # O E TIEGS 6 3676962
33 RESIDENCE 4 BUSINESS

APPENDIX C

FOIA REQUEST FORM

Endpoint Solutions

FREEDOM OF INFORMATION ACT - REQUEST FOR INFORMATION

Date:	August 5, 2024	**To:**	Scott Hussinger
From:	Joe Pugel	**Title:**	Village Inspector
Phone:	262-409-0209	**Phone:**	262-490-8222
Fax:		**Fax:**	
Email:	Joe.pugel@endpointcorporation.com	**Email:**	scotth@villageofhartland.com
Site:			
Address:	Campus Drive, Hartland WI		
Parcel #:	HAV0423981056		

Our firm has been contracted to perform a Phase I Environmental Site Assessment on the above-referenced site. As part of our research and report compilation, we seek public information from municipal agencies regarding compliance with State and local codes. We would appreciate your response to the following documentation/information requests:

1. What is the date of construction of the current site building(s)? Parcel is vacant and has been vacant for at least 25 years.

2. Are you aware of prior uses of the site? No

3. What is the current zoning classification for the site? P-1

4. Are you aware of any installation or removal permits associated with underground storage tanks at the site?

   ☐ Yes ☐ No **NO** If "YES", please fax copies.

5. Are you aware of any information associated with hazardous material usage, spills, leaks or other similar circumstances at the site that could be considered an environmental concern?

   ☐ Yes ☐ No **NO** If "YES", please fax copies.

Thank you for your assistance. Should you have any questions associated with providing the requested information, or if you require a fee to obtain the information, please call me at the number shown above.

Scott Hussinger Building Inspector

Completed by (Print) Title

6871 South Lover's Lane, Franklin, WI 53132
Phone: 414-427-1200 Fax: 414-427-1259
www.endpointcorporation.com

APPENDIX D

BRRTS SEARCH RESULTS

DATCP SEARCH RESULTS

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

WDNR Map



Legend

Open & Closed Activities

Open Activity

Closed Activity

Additional Activity Information

Continuing Obligations Apply

Affected Another Property or Right-of-Way

Sediment Impacts

Sediment Impacts Boundary

Other BRRTS Activities/Layers

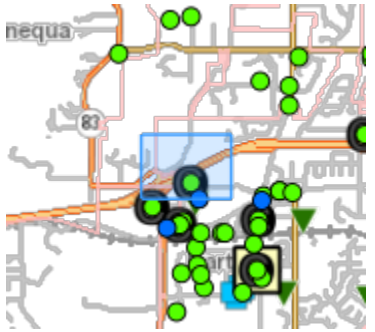
Affected by Contamination from

Notes

1:5,026

0 400 800 ft

Service layer credits:
WI Dept. of Natural Resources, Environmental Management Division, Bureau of Remediation and Redevelopment



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This map is for informational purposes only and may not have been prepared for or be suitable for legal, engineering or surveying purposes. The user is solely responsible for verifying the accuracy of information before using for any purpose. By using this product for any purpose user agrees to be bound by all disclaimers found here: **https://dnr.wisconsin.gov/legal**

Date Printed: 08/01/2024

County	Waukesha	Tank Type	
Municipality		Tank Fed Regulated	
Fire Department Id		Tank Contents	
Tank Owner Name		Tank Status	
FacilityId		Tank Occupancy	
Site Address	Campus Dr	Marketer	
Minimum Tank Size		Maximum Tank Size	
Tank Id			

View Report

1 of 1 100%

Tank Search Public Access

Number of matching records:

8/1/2024 1:09

Tank Type	Tank ID	Facility ID	Street Address	Tank Status	Tank Contents	Tank Size(Gal)	Facility Owner

Page: 1 of 1

APPENDIX E

EDR RADIUS MAP REPORT

Campus Drive
Campus Drive
Hartland, WI 53029

Inquiry Number: 7724119.2s
August 01, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	82
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-17
Physical Setting Source Map Findings	A-19
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CAMPUS DRIVE
HARTLAND, WI 53029

COORDINATES

Latitude (North):	43.1080670 - 43° 6' 29.04''
Longitude (West):	88.3584610 - 88° 21' 30.45''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	389464.5
UTM Y (Meters):	4773496.0
Elevation:	1022 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50007214 HARTLAND, WI
Version Date:	2022
Northeast Map:	50006727 MERTON, WI
Version Date:	2022
Southwest Map:	50007238 OCONOMOWOC EAST, WI
Version Date:	2022
Northwest Map:	50007279 STONEBANK, WI
Version Date:	2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200804, 20200724
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
CAMPUS DRIVE
HARTLAND, WI 53029

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	HARTLAND SUBSTATION	670 HILL ST	WI ERP, CRS, AUL	Lower	721, 0.137, SSE
2	C A GRINWALS	N43 W3106 STH 83	UST	Lower	841, 0.159, WSW
3	THE MONEY STORE	430 HILL ST	UST	Lower	1062, 0.201, SE
4	SUMMIT LAKE APTS	292 LAKE VIEW DR APT	RCRA-VSQG, SHWIMS, FINDS, ECHO	Lower	1091, 0.207, East
5	DELAFIELD FARM SITE	4783 STH 83	WI ERP, CRS, AUL	Lower	1307, 0.248, SW
A6	TEWS CO HARTLAND	701 W CAPITOL DR	WI ERP, SHWIMS, LUST, RCRA NonGen / NLR, FINDS,...	Lower	1460, 0.277, SSE
A7	TEWS CORP	701 W CAPITOL DR	UST FINDER RELEASE	Lower	1460, 0.277, SSE
8	FORMER DOT SITE / PR	STH 83 & W CAPITAL D	WI ERP, BRRTS	Lower	2037, 0.386, SSW
9	AMERITECH HARTLAND F	133 HILL ST	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO	Lower	2287, 0.433, ESE
B10	LAFARGE WISCONSIN DI	700 W CAPITOL DR	WI ERP, LUST, LAST, CRS, AUL, BROWNFIELDS, BRRTS	Lower	2322, 0.440, South
B11	LAFARGE WISCONSIN DI	700 W CAPITOL DR	UST FINDER RELEASE	Lower	2322, 0.440, South
12	621 PROPERTY	621 W CAPITOL DR	WI ERP	Lower	2581, 0.489, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS ---------- Hazard Ranking List

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ---------- List of Licensed Landfills
WDS ---------- Registry of Waste Disposal Sites

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Tanks Database
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

CRS ---------- Closed Remediation Sites

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Party Liability Exemption Sites

Lists of state and tribal brownfield sites

BEAP ---------- Brownfields Environmental Assessment Program

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---------- Recycling Center Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register

CDL ..... Clandestine Drug Lab Listing
US CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS ..... Spills Database
AGSPILLS ..... Agricultural Spill Cases
SPILLS 90 ..... SPILLS 90 data from FirstSearch
SPILLS 80 ..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ..... RCRA - Non Generators / No Longer Regulated
FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
ICIS ..... Integrated Compliance Information System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
RADINFO ..... Radiation Information Database
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ..... Incident and Accident Data
CONSENT ..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV ..... Indian Reservations
FUSRAP ..... Formerly Utilized Sites Remedial Action Program
UMTRA ..... Uranium Mill Tailings Sites
LEAD SMELTERS ..... Lead Smelter Sites
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem
US MINES ..... Mines Master Index File
ABANDONED MINES ..... Abandoned Mines
MINES MRDS ..... Mineral Resources Data System
FINDS ..... Facility Index System/Facility Registry System
ECHO ..... Enforcement & Compliance History Information
UXO ..... Unexploded Ordnance Sites

EXECUTIVE SUMMARY

DOCKET HWC ---------- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---------- EPA Fuels Program Registered Listing
PFAS NPL ---------- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---------- Federal Sites PFAS Information
PFAS TRIS ---------- List of PFAS Added to the TRI
PFAS TSCA ---------- PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST ---------- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---------- PFAS Contamination Site Location Listing
PFAS WQP ---------- Ambient Environmental Sampling for PFAS
PFAS NPDES ---------- Clean Water Act Discharge Monitoring Information
PFAS PROJECT ---------- NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS ECHO ---------- Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN ---------- Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT ---------- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---------- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---------- ICIS-NPDES Biosolids Facility Data
UST FINDER ---------- UST Finder Database
E MANIFEST ---------- Hazardous Waste Electronic Manifest System
PFAS ---------- PFAS Contamination Site Location Listing
AIRS ---------- Air Permit Program Listing
ASBESTOS ---------- ASBESTOS
BRRTS ---------- Bureau of Remediation & Redevelopment Tracking System
COAL ASH ---------- Coal Ash Disposal Site Listing
DRYCLEANERS ---------- Five Star Recognition Program Sites
Financial Assurance ---------- Financial Assurance Information Listing
LEAD ---------- Lead Inspection Data
MANIFEST ---------- Hazardous Waste Manifest Data
NPDES ---------- NPDES Permit Listing
TIER 2 ---------- Tier 2 Facility Listing
WI WRRSER ---------- Wisconsin Remedial Response Site Evaluation Report

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---------- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/03/2024 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUMMIT LAKE APTS	***292 LAKE VIEW DR APT***	***E 1/8 - 1/4 (0.207 mi.)***	***4***	***17***
EPA ID:: WIR000026310				

Lists of state- and tribal hazardous waste facilities

WI ERP: Emergency Repair Program Database. Non - LUST Sites with Contaminated Soil and/or GW. Often these are historic releases to the environment.

A review of the WI ERP list, as provided by EDR, and dated 02/26/2024 has revealed that there are 6 WI ERP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARTLAND SUBSTATION	***670 HILL ST***	***SSE 1/8 - 1/4 (0.137 mi.)***	***1***	***8***
Status: CLOSED				
Site Id: 23846000				
Faclity ID: 268623190				
DELAFIELD FARM SITE	***4783 STH 83***	***SW 1/8 - 1/4 (0.248 mi.)***	***5***	***20***
Status: CLOSED				
Site Id: 7263200				
Faclity ID: 268567530				
TEWS CO HARTLAND	***701 W CAPITOL DR***	***SSE 1/4 - 1/2 (0.277 mi.)***	***A6***	***25***
Status: CLOSED				
Site Id: 2319700				
Faclity ID: 268315630				
FORMER DOT SITE / PR	***STH 83 & W CAPITAL D***	***SSW 1/4 - 1/2 (0.386 mi.)***	***8***	***46***
Status: OPEN				
Site Id: 34796300				
Faclity ID: 268698760				
LAFARGE WISCONSIN DI	***700 W CAPITOL DR***	***S 1/4 - 1/2 (0.440 mi.)***	***B10***	***55***
Status: OPEN				
Site Id: 7007300				
Faclity ID: 268554330				
621 PROPERTY	621 W CAPITOL DR	S 1/4 - 1/2 (0.489 mi.)	12	78

Status: CLOSED
Site Id: 26511900
Faclity ID: 268641010

Lists of state and tribal landfills and solid waste disposal facilities

SHWIMS: Information on sites, and facilities operating at sites, that are regulated by the Waste Management program

A review of the SHWIMS list, as provided by EDR, and dated 03/19/2024 has revealed that there are 3 SHWIMS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUMMIT LAKE APTS FID: 268533100 Status: OPERATING	***292 LAKE VIEW DR APT***	***E 1/8 - 1/4 (0.207 mi.)***	***4***	***17***
TEWS CO HARTLAND FID: 268315630 Status: OPERATING	***701 W CAPITOL DR***	***SSE 1/4 - 1/2 (0.277 mi.)***	***A6***	***25***
AMERITECH HARTLAND F FID: 268168230 Status: CLOSED	***133 HILL ST***	***ESE 1/4 - 1/2 (0.433 mi.)***	***9***	***52***

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resource's LUST Database.

A review of the LUST list, as provided by EDR, and dated 02/26/2024 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEWS CO HARTLAND Facility Status: CLOSED Site Id: 2319700 Facility ID: 268315630	***701 W CAPITOL DR***	***SSE 1/4 - 1/2 (0.277 mi.)***	***A6***	***25***
LAFARGE WISCONSIN DI Facility Status: CLOSED Site Id: 7007300 Facility ID: 268554330	***700 W CAPITOL DR***	***S 1/4 - 1/2 (0.440 mi.)***	***B10***	***55***

LAST: A listing of leaking aboveground storage tank sites.

A review of the LAST list, as provided by EDR, and dated 02/26/2024 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAFARGE WISCONSIN DI	***700 W CAPITOL DR***	***S 1/4 - 1/2 (0.440 mi.)***	***B10***	***55***
Status: CLOSED Site ID: 7007300 Facility ID: 268554330				

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Commerces' List: All Underground Storage Tanks Except for Fuel Oil.

A review of the UST list, as provided by EDR, and dated 03/05/2024 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
C A GRINWALS Fire Dept ID: 6715	N43 W3106 STH 83	WSW 1/8 - 1/4 (0.159 mi.)	2	15
THE MONEY STORE Fire Dept ID: 6715	430 HILL ST	SE 1/8 - 1/4 (0.201 mi.)	3	16

State and tribal institutional control / engineering control registries

AUL: Date a deed restriction is recorded at the Register of Deeds office for a property. Extent of soil contamination is known but impracticable to remove now or an engineering control is required to be maintained or NR720 industrial stds are applied. Restricts property use or requires future actions.

A review of the AUL list, as provided by EDR, and dated 02/26/2024 has revealed that there are 3 AUL sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARTLAND SUBSTATION Facid: 268623190 Status: CLOSED Site Id: 23846000	***670 HILL ST***	***SSE 1/8 - 1/4 (0.137 mi.)***	***1***	***8***
DELAFIELD FARM SITE Facid: 268567530 Status: CLOSED Site Id: 7263200	***4783 STH 83***	***SW 1/8 - 1/4 (0.248 mi.)***	***5***	***20***
LAFARGE WISCONSIN DI Facid: 268554330 Status: CLOSED Site Id: 7007300	***700 W CAPITOL DR***	***S 1/4 - 1/2 (0.440 mi.)***	***B10***	***55***

Lists of state and tribal brownfield sites

BROWNFIELDS: A listing of brownfields sites included in the BRRTS database. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

A review of the BROWNFIELDS list, as provided by EDR, has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAFARGE WISCONSIN DI	***700 W CAPITOL DR***	***S 1/4 - 1/2 (0.440 mi.)***	***B10***	***55***

Database: BROWNFIELDS, Date of Government Version: 02/26/2024
Faclity ID: 268554330
Site Id: 7007300

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

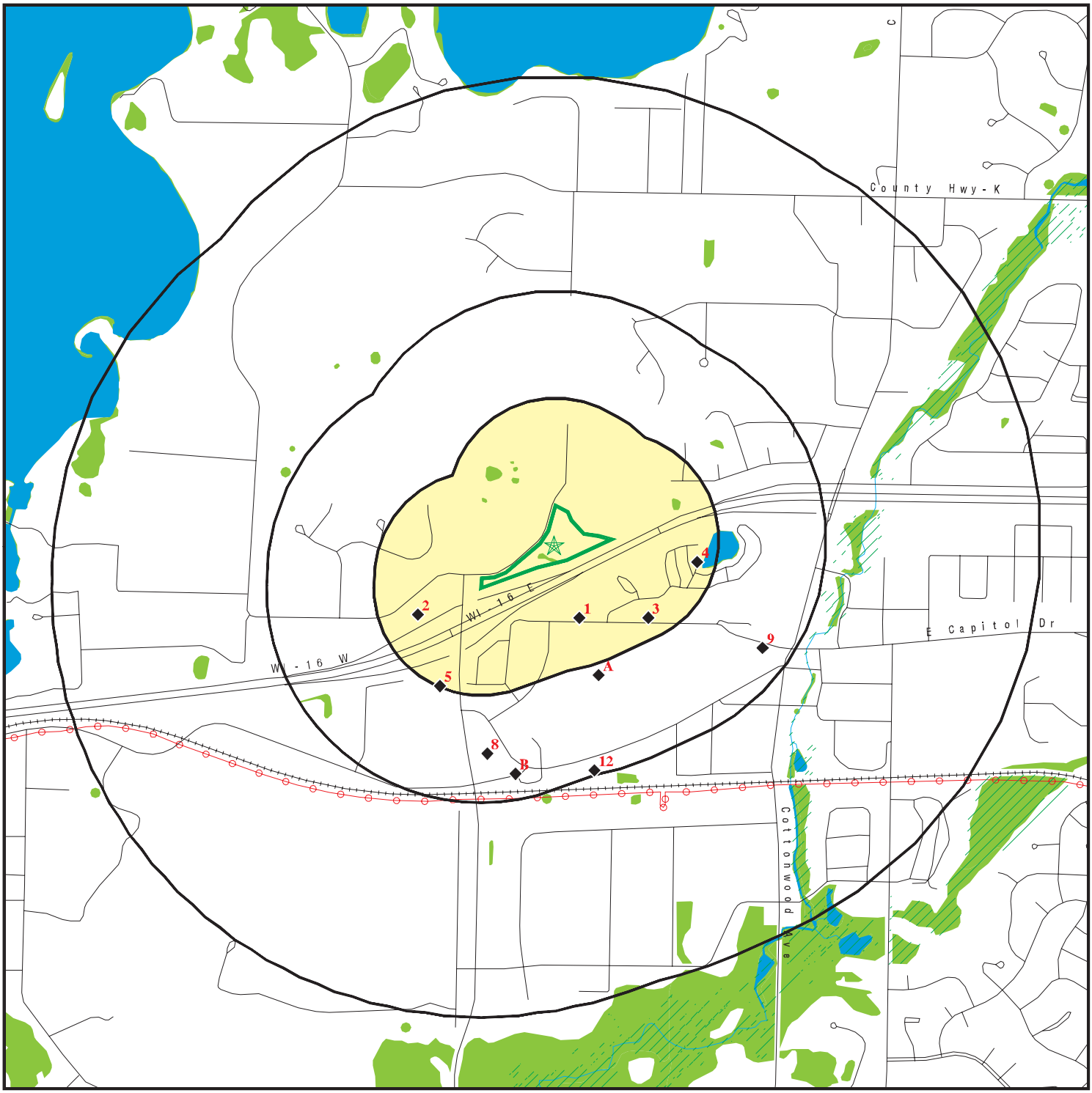
A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEWS CORP	701 W CAPITOL DR	SSE 1/4 - 1/2 (0.277 mi.)	A7	45
LAFARGE WISCONSIN DI	700 W CAPITOL DR	S 1/4 - 1/2 (0.440 mi.)	B11	78

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7724119.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Campus Drive ADDRESS: Campus Drive Hartland WI 53029 LAT/LONG: 43.108067 / 88.358461	CLIENT: Endpoint Solutions LLC CONTACT: Joe Pugel INQUIRY #: 7724119.2s DATE: August 01, 2024 3:54 pm

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DETAIL MAP - 7724119.2S



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
Sensitive Receptors
National Priority List Sites
Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA
Special Flood Hazard Area (1%)
0.2% Annual Chance Flood Hazard
National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Campus Drive ADDRESS: Campus Drive Hartland WI 53029 LAT/LONG: 43.108067 / 88.358461	CLIENT: Endpoint Solutions LLC CONTACT: Joe Pugel INQUIRY #: 7724119.2s DATE: August 01, 2024 3:55 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	1.000		0	0	0	0	NR	0
WI ERP	0.500		0	2	4	NR	NR	6
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
WDS	0.500		0	0	0	NR	NR	0
SHWIMS	0.500		0	1	2	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	2	NR	NR	2
LAST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
CRS	0.001		0	NR	NR	NR	NR	0
AUL	0.500		0	2	1	NR	NR	3
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BEAP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	0.001		0	NR	NR	NR	NR	0
AGSPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
SPILLS 80	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	2	NR	NR	2
UST FINDER	0.250		0	0	NR	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BRRTS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
WI WRRSER	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	0	8	13	0	0	21

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
SSE
1/8-1/4
0.137 mi.
721 ft.

HARTLAND SUBSTATION
670 HILL ST
HEARTLAND, WI

WI ERP **S111066307**
CRS **N/A**
AUL

Relative:
Lower

Actual:
1020 ft.

ERP:

Name:	HARTLAND SUBSTATION
Address:	670 HILL ST
City,State,Zip:	HEARTLAND, WI
Site Id:	23846000
Detail Seq No:	557269
Activity Type:	ERP
Activity Name:	HARTLAND SUBSTATION
Activity Number:	0268557269
Activity Display Number:	02-68-557269
Activity Detail Address:	Not reported
Activity Comments:	Not reported
Region Name:	SE
Faclity ID:	268623190
Start Date:	06/29/2011
End Date:	06/06/2012
Last Action Date:	07/06/2022
Status Cd:	C
Status:	CLOSED
Jurisdiction:	DNR RR
Act Code:	330
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Dept Of Commerce Number:	Not reported
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	1
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	SESW3408N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	Y
GIS Area Point Flag:	N
Latitude:	43.105904833
Longitude:	-88.358016575
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	N

HARTLAND SUBSTATION (Continued) **S111066307**

Sediments: N
PFAS: N

Actions:

Action Date: 2012-06-06 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: Not reported

Action Date: 2012-05-08 Action Code: 200
Action Name: Push Action Taken
Action Desc: Date DNR took an action, either written or verbal to get an inactive site moving again, including request for status update.
Action Comments: Not reported

Action Date: 2012-06-06 Action Code: 232
Action Name: Continuing Obligation - Residual Soil Contamination
Action Desc: Closure or ongoing cleanup was approved with the Continuing Obligation to address residual soil contamination at or above the Residual Contamination Level (RCL) or Site Specific Residual Contaminant Level (SSRCL) per rules, when moved.
Action Comments: Not reported

Action Date: 2011-06-29 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 2011-07-07 Action Code: 2
Action Name: Responsible Party (RP) letter sent
Action Desc: Date of DNR letter to responsible party (RP) notifying them of state law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: Not reported

Action Date: 2011-08-02 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: CONSULTANT SELECTED

Action Date: 2012-06-06 Action Code: 56
Action Name: Continuing Obligation(s) Applied
Action Desc: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Action Comments: AUTO-POPULATED AS REPLACEMENT FOR CODE 50

Action Date: 2011-09-07 Action Code: 130
Action Name: DNR Regulatory Reminder Sent
Action Desc: Date DNR sent written notification to Responsible Parties and/or other interested parties reminding them of a regulatory obligation.
Action Comments: Vapor Intrusion (VI) Assessment Notification Ltr Sent

HARTLAND SUBSTATION (Continued) **S111066307**

Action Date: 2011-09-01 Action Code: 35
Action Name: Site Investigation Workplan (SIWP) Received (non-fee)
Action Desc: Date DNR received a site investigation workplan (SIWP) which states the objectives of the site investigation to determine the degree and extent of contamination.
Action Comments: Not reported

Action Date: 2012-05-21 Action Code: 79
Action Name: Case Closure Review Request Received
Action Desc: Date DNR Project Manager received a request to review Case Closure - (Form 4400-202). A fee was paid for DNR review.
Action Comments: REC'D 2221033 $750.00

Action Date: 2012-05-21 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)
Action Desc: Date fee received for residual soil contamination and related continuing obligations.
Action Comments: REC'D CK# 2221034 $200.00

Substances:
Substance Desc: Mineral Oil
Amount Released: Not reported
Release Code: Not reported

Impact Number: 566852
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Contacts:
Role Desc: DNR Project Manager
Contact Name: MARK DREWS
Contact Address: 141 NW BARSTOW ST
Contact Addr2: RM 180
Contact City,St,Zip: WAUKESHA, WI 53188
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53188

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: Consultant
Contact Name: BURNS & MCDONNELL
Contact Address: 5007 S HOWELL AVE STE 210
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53207
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53207

Role Desc: Responsible Party

HARTLAND SUBSTATION (Continued) **S111066307**

Contact Name: WE ENERGIES
Contact Address: 333 W EVERETT ST A231
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

Role Desc: RP Contact/Agent
Contact Name: MARK COLLINS
Contact Address: 333 W EVERETT ST A231
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

CRS:
Name: HARTLAND SUBSTATION
Address: 670 HILL ST
City,State,Zip: HEARTLAND, WI
DNR Activity Number: 0268557269
Site ID: 23846000
Facility ID: 268623190
Detail Seq Num: 557269
Activity Open: ERP closed
X Coordinate: 653607
Y Coordinate: 293883
Start Date: 06/29/2011
End Date: 06/06/2012
Date Last Updated: 07/17/2012

AUL:
Name: HARTLAND SUBSTATION
Address: 670 HILL ST
City,State,Zip: HEARTLAND, WI
Facid: 268623190
Site Id: 23846000
Detail Seq No: 557269
Region Name: SE
Action Comments: AUTO-POPULATED AS REPLACEMENT FOR CODE 50
Action Date: 06/06/2012
Activity Type: ERP
Activity Name: HARTLAND SUBSTATION
Activity Number: 0268557269
Display Number: 02-68-557269
Act Name: Continuing Obligation(s) Applied
ACT Description: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Activity Comments: Not reported
Detail Address: Not reported
Start Date: 06/29/2011
End Date: 06/06/2012
Last Action: 07/06/2022
Status Cd: C
Status: CLOSED

HARTLAND SUBSTATION (Continued) **S111066307**

Jurisdiction: DNR RR
Risk Code: Not reported
EPA NPL Site?: N
Acres: 1
Acres 100: Not reported
Drycleaner: N
Geo Located: Y
Owner Name: Not reported
Owner Addr: Not reported
Owner City,St,Zip: Not reported
Dept Of Commerce Number: Not reported
Comm Occurrence Id: Not reported
EPA Cerclis Id: Not reported
Dept Of Commerce Tracking: Not reported
PECFA Funds Eligible ?: N
Above Ground Storage Tank?: N
Co-contamination?: N
Public Land Survey System Desc: SESW3408N18E
DNR GIS Registry View Map Layers: Y
GIS Area Point Flag: N
Latitude: 43.105904833
Longitude: -88.358016575
DERF: N
Offsite Impact: N
Row Impact: N
WDOT: N
WDOT Description: Not reported
WAM: N
FRF: N
GLC: N
VPLE COC: N
SUDZ: N
Petrol UST: N
Sediments: N
PFAS: N

Actions:

Action Date: 2012-06-06 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: Not reported

Action Date: 2012-05-08 Action Code: 200
Action Name: Push Action Taken
Action Desc: Date DNR took an action, either written or verbal to get an inactive site moving again, including request for status update.
Action Comments: Not reported

Action Date: 2012-06-06 Action Code: 232
Action Name: Continuing Obligation - Residual Soil Contamination
Action Desc: Closure or ongoing cleanup was approved with the Continuing Obligation to address residual soil contamination at or above the Residual Contamination Level (RCL) or Site Specific Residual Contaminant Level (SSRCL) per rules, when moved.
Action Comments: Not reported

HARTLAND SUBSTATION (Continued) **S111066307**

Action Date: 2011-06-29 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 2011-07-07 Action Code: 2
Action Name: Responsible Party (RP) letter sent
Action Desc: Date of DNR letter to responsible party (RP) notifying them of state law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: Not reported

Action Date: 2011-08-02 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: CONSULTANT SELECTED

Action Date: 2012-06-06 Action Code: 56
Action Name: Continuing Obligation(s) Applied
Action Desc: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Action Comments: AUTO-POPULATED AS REPLACEMENT FOR CODE 50

Action Date: 2011-09-07 Action Code: 130
Action Name: DNR Regulatory Reminder Sent
Action Desc: Date DNR sent written notification to Responsible Parties and/or other interested parties reminding them of a regulatory obligation.
Action Comments: Vapor Intrusion (VI) Assessment Notification Ltr Sent

Action Date: 2011-09-01 Action Code: 35
Action Name: Site Investigation Workplan (SIWP) Received (non-fee)
Action Desc: Date DNR received a site investigation workplan (SIWP) which states the objectives of the site investigation to determine the degree and extent of contamination.
Action Comments: Not reported

Action Date: 2012-05-21 Action Code: 79
Action Name: Case Closure Review Request Received
Action Desc: Date DNR Project Manager received a request to review Case Closure - (Form 4400-202). A fee was paid for DNR review.
Action Comments: REC'D 2221033 $750.00

Action Date: 2012-05-21 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)
Action Desc: Date fee received for residual soil contamination and related continuing obligations.
Action Comments: REC'D CK# 2221034 $200.00

Substances:
Substance Desc: Mineral Oil
Amount Released: Not reported
Release Code: Not reported

HARTLAND SUBSTATION (Continued) **S111066307**

Impact Number: 566852
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Contacts:

Role Desc: DNR Project Manager
Contact Name: MARK DREWS
Contact Address: 141 NW BARSTOW ST
Contact Addr2: RM 180
Contact City,St,Zip: WAUKESHA, WI 53188
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53188

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: Consultant
Contact Name: BURNS & MCDONNELL
Contact Address: 5007 S HOWELL AVE STE 210
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53207
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53207

Role Desc: Responsible Party
Contact Name: WE ENERGIES
Contact Address: 333 W EVERETT ST A231
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

Role Desc: RP Contact/Agent
Contact Name: MARK COLLINS
Contact Address: 333 W EVERETT ST A231
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

2
WSW
1/8-1/4
0.159 mi.
841 ft.

C A GRINWALS
N43 W3106 STH 83
HARTLAND, WI 53029

UST **U003479959**
N/A

Relative:
Lower

Actual:
974 ft.

UST:

Name:	C A GRINWALS
Address:	N43 W3106 STH 83
City,State,Zip:	HARTLAND, WI 53029
License:	Storage Tank Registration
License Type:	Registration
License Number:	440949
Expiration Date:	Not reported
Licensee:	C A Grinwals
Facility Reference Number:	59408|59408
Fire Dept ID:	6715
Federally Regulated:	No
Tank ID:	33450
Municipality Name:	Village of Hartland
Tank Reference Number:	367980|671500202
Equipment Wang ID:	671500202
Tank Type:	Underground Storage Tank
Tank Status:	Abandoned without Product
Tank Contents:	Leaded Gasoline
Capacity:	1000.00
Install Date:	Not reported
Construction Material:	Coated Steel
Marketer:	N
Tank Occupancy:	Residential
Corrosion Protection Type:	Not reported
Overfill Protection Type:	Not Installed
Leak Detection:	Unknown
Leak Test Method:	Not reported
Spill Protection:	Not Installed
Containment Sump Installed:	N
Wall Size:	Single
Dispenser Sump Installed:	N
Overfill Protection:	Not Installed
Date of Lining:	Not reported
Lining Inspection Date:	Not reported
CAS Number:	Not reported
Pipe Type:	Piping (Storage Tank)
Pipe Status:	Abandoned without Product
Pipe Aboveground Piping:	N
Pipe Underground Piping:	Y
Pipe Construction Material:	Unknown
Pipe Wall Type:	Single
Pipe UST Manifolded:	N
Pipe Related Tank ID:	119818
Pipe Catastrophic Leak Detection:	Not reported
Pipe System Type:	Not reported
Pipe Flex Connector:	N
Pipe Leak Test Method:	Not reported
Pipe Leak Detection:	Unknown
Pipe Corrosion Protection:	Not reported
Latest Test Name:	Not reported
Latest Test Date:	Not reported
Latest Test Expiration Date:	Not reported

3
SE
1/8-1/4
0.201 mi.
1062 ft.

THE MONEY STORE
430 HILL ST
HARTLAND, WI 53029

UST **U003664389**
N/A

Relative:
Lower

Actual:
1015 ft.

UST:

Name:	THE MONEY STORE
Address:	430 HILL ST
City,State,Zip:	HARTLAND, WI 53029
License:	Storage Tank Registration
License Type:	Registration
License Number:	178123
Expiration Date:	Not reported
Licensee:	Clayton National
Facility Reference Number:	178123|175215
Fire Dept ID:	6715
Federally Regulated:	No
Tank ID:	476321
Municipality Name:	Not reported
Tank Reference Number:	476321|
Equipment Wang ID:	Not reported
Tank Type:	Underground Storage Tank
Tank Status:	Closed/Removed
Tank Contents:	Fuel Oil
Capacity:	1000.00
Install Date:	Not reported
Construction Material:	Bare Steel
Marketer:	N
Tank Occupancy:	Optional Standby Gen
Corrosion Protection Type:	Not reported
Overfill Protection Type:	Not Installed
Leak Detection:	Manual Tank Gauging
Leak Test Method:	Not reported
Spill Protection:	Not Installed
Containment Sump Installed:	Not reported
Wall Size:	Not reported
Dispenser Sump Installed:	N
Overfill Protection:	Not Installed
Date of Lining:	Not reported
Lining Inspection Date:	Not reported
CAS Number:	Not reported
Pipe Type:	Not reported
Pipe Status:	Not reported
Pipe Aboveground Piping:	N
Pipe Underground Piping:	N
Pipe Construction Material:	Not reported
Pipe Wall Type:	Not reported
Pipe UST Manifolded:	Not reported
Pipe Related Tank ID:	Not reported
Pipe Catastrophic Leak Detection:	Not reported
Pipe System Type:	Not reported
Pipe Flex Connector:	Not reported
Pipe Leak Test Method:	Not reported
Pipe Leak Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Latest Test Name:	Not reported
Latest Test Date:	Not reported
Latest Test Expiration Date:	Not reported

THE MONEY STORE (Continued) **U003664389**

Detail As of 12/2016:

Facility Reference Number:	178123|175215
Tank ID:	476321
Tank Status Date:	06/04/1999
Site Municipality:	V
Land Owner Type:	Private
Town Customer ID:	668858
Owner Name:	CLAYTON NATIONAL
Owner Address:	FOUR CORP DR
Owner Address 2:	Not reported
Owner City:	SHELTON
Owner State:	CT
Owner Zip:	06484

---

4 **SUMMIT LAKE APTS** **RCRA-VSQG** **1004800093**
East **292 LAKE VIEW DR APT 1** **SHWIMS** **WIR000026310**
1/8-1/4 **HARTLAND, WI 53029** **FINDS**
0.207 mi. **ECHO**
1091 ft.

Relative: **Lower**

Actual: **996 ft.**

RCRA Listings:

Date Form Received by Agency:	19970711
Handler Name:	Summit Lake Apts
Handler Address:	292 Lake View Dr Apt 1
Handler City,State,Zip:	HARTLAND, WI 53029
EPA ID:	WIR000026310
Contact Name:	STEVE NIEDERDORFER
Contact Address:	292 LAKE VIEW DR APT 1
Contact City,State,Zip:	HARTLAND, WI 53029
Contact Telephone:	414-367-9807
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	292 LAKE VIEW DR APT 1
Mailing City,State,Zip:	HARTLAND, WI 53029
Owner Name:	Calvin M Akin
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

SUMMIT LAKE APTS (Continued) **1004800093**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CALVIN M AKIN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	292 LAKE VIEW DR APT 1
Owner/Operator City,State,Zip:	HARTLAND, WI 53029
Owner/Operator Telephone:	414-367-9807
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19970711
Handler Name: SUMMIT LAKE APTS	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported

SUMMIT LAKE APTS (Continued) **1004800093**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SHWIMS:

Name:	SUMMIT LAKE APTS
Address:	292 LAKE VIEW DR APT 1
City,State,Zip:	HARTLAND, WI 53029
FID:	268533100
Status:	OPERATING
Region:	SOUTHEAST

FINDS:
Registry ID: 110005526626

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The Wisconsin Environmental Site Register (WI-ESR) is a database that contains core information about facilities, organizations, and people related to the Wisconsin Department of Natural Resources (DNR).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004800093
Registry ID:	110005526626
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005526626
Name:	SUMMIT LAKE APTS
Address:	292 LAKE VIEW DR APT 1
City,State,Zip:	HARTLAND, WI 53029

5
SW
1/8-1/4
0.248 mi.
1307 ft.

DELAFIELD FARM SITE
4783 STH 83
DELAFIELD, WI

WI ERP **S104005438**
CRS **N/A**
AUL

Relative:
Lower

Actual:
978 ft.

ERP:

Name:	DELAFIELD FARM SITE
Address:	4783 STH 83
City,State,Zip:	DELAFIELD, WI
Site Id:	7263200
Detail Seq No:	226349
Activity Type:	ERP
Activity Name:	DELAFIELD FARM SITE
Activity Number:	0268226349
Activity Display Number:	02-68-226349
Activity Detail Address:	Not reported
Activity Comments:	***SITE WAS CLOSED UNDER THE JURISDICTION OF THE DEPT OF SAFETY AND PROFESSIONAL SERVICES (DSPS) OR DEPT OF COMMERCE SITE TRANSFERRED BACK TO DNR JURISDICTION IN 2013***
Region Name:	SE
Faclity ID:	268567530
Start Date:	07/21/1999
End Date:	12/11/2006
Last Action Date:	06/27/2022
Status Cd:	C
Status:	CLOSED
Jurisdiction:	DNR RR
Act Code:	330
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Dept Of Commerce Number:	53029931083
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	NENE0407N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	Y
GIS Area Point Flag:	N
Latitude:	43.103367085
Longitude:	-88.363706817
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N

DELAFIELD FARM SITE (Continued) **S104005438**

SUDZ: N
Petrol UST: N
Sediments: N
PFAS: N

Actions:

Action Date: 2006-12-11 Action Code: 56
Action Name: Continuing Obligation(s) Applied
Action Desc: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Action Comments: AUTO-POPULATED AS REPLACEMENT FOR CODE 50

Action Date: 2006-05-10 Action Code: 37
Action Name: Site Investigation Report (SIR) Received (non-fee)
Action Desc: Date DNR received a site investigation report (SIR) to determine degree & extent of contamination and form a basis for choosing the appropriate remedial action.
Action Comments: *** SITE INVESTIGATION DETERMINED BY DSPS TO BE COMPLETE - FROM DSPS DATA INTERCHANGE ***

Action Date: 2006-01-11 Action Code: 76
Action Name: Activity Transferred to DSPS (formerly Commerce)
Action Desc: Oversight of medium or low risk petroleum cleanup has been transferred to the WI Dept of Safety and Professional Services (DSPS). DSPS was part of the Dept of Commerce until 2011.
Action Comments: Not reported

Action Date: 1999-07-21 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 1999-08-03 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: RP LETTER MAILED

Action Date: 1999-07-21 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: RPTS., NOTIFICATION, REQUEST TO TRANSFER TO DCOM

Action Date: 2006-12-11 Action Code: 232
Action Name: Continuing Obligation - Residual Soil Contamination
Action Desc: Closure or ongoing cleanup was approved with the Continuing Obligation to address residual soil contamination at or above the Residual Contamination Level (RCL) or Site Specific Residual Contaminant Level (SSRCL) per rules, when moved.
Action Comments: *** AUTO POPULATED AT FINAL CLOSURE DUE TO 710 ACTION ***

Action Date: 2006-08-23 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)
Action Desc: Date fee received for residual soil contamination and related

DELAFIELD FARM SITE (Continued) **S104005438**

continuing obligations.
Action Comments: REC'D CK# 46592 $200.00

Action Date: 2006-12-11 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: *** NR726 Closure from Commerce Data Interchange ***

Action Date: 2013-07-02 Action Code: 89
Action Name: DSPS (formerly Commerce) Transferred Back to DNR
Action Desc: Date the WI Dept of Safety and Professional Services (DSPS) transfers oversight of activity back to the DNR. DSPS was part of the Dept of Commerce until 2011.
Action Comments: PECFA PROGRAM TRANSFER 2013-2015 STATE BUDGET

Contacts:
Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

CRS:
Name: DELAFIELD FARM SITE
Address: 4783 STH 83
City,State,Zip: DELAFIELD, WI
DNR Activity Number: 0268226349
Site ID: 7263200
Facility ID: 268567530
Detail Seq Num: 226349
Activity Open: ERP closed
X Coordinate: 653149
Y Coordinate: 293593
Start Date: 07/21/1999
End Date: 12/11/2006
Date Last Updated: 12/27/2006

AUL:
Name: DELAFIELD FARM SITE
Address: 4783 STH 83
City,State,Zip: DELAFIELD, WI
Facid: 268567530
Site Id: 7263200
Detail Seq No: 226349
Region Name: SE
Action Comments: AUTO-POPULATED AS REPLACEMENT FOR CODE 50
Action Date: 12/11/2006
Activity Type: ERP
Activity Name: DELAFIELD FARM SITE
Activity Number: 0268226349
Display Number: 02-68-226349
Act Name: Continuing Obligation(s) Applied

DELAFIELD FARM SITE (Continued) **S104005438**

ACT Description: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Activity Comments: ***SITE WAS CLOSED UNDER THE JURISDICTION OF THE DEPT OF SAFETY AND PROFESSIONAL SERVICES (DSPS) OR DEPT OF COMMERCE SITE TRANSFERRED BACK TO DNR JURISDICTION IN 2013***
Detail Address: Not reported
Start Date: 07/21/1999
End Date: 12/11/2006
Last Action: 06/27/2022
Status Cd: C
Status: CLOSED
Jurisdiction: DNR RR
Risk Code: Not reported
EPA NPL Site?: N
Acres: Not reported
Acres 100: Not reported
Drycleaner: N
Geo Located: Y
Owner Name: Not reported
Owner Addr: Not reported
Owner City,St,Zip: Not reported
Dept Of Commerce Number: 53029931083
Comm Occurrence Id: Not reported
EPA Cerclis Id: Not reported
Dept Of Commerce Tracking: Not reported
PECFA Funds Eligible ?: N
Above Ground Storage Tank?: N
Co-contamination?: N
Public Land Survey System Desc: NENE0407N18E
DNR GIS Registry View Map Layers: Y
GIS Area Point Flag: N
Latitude: 43.103367085
Longitude: -88.363706817
DERF: N
Offsite Impact: N
Row Impact: N
WDOT: N
WDOT Description: Not reported
WAM: N
FRF: N
GLC: N
VPLE COC: N
SUDZ: N
Petrol UST: N
Sediments: N
PFAS: N

Actions:
Action Date: 2006-12-11 Action Code: 56
Action Name: Continuing Obligation(s) Applied
Action Desc: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Action Comments: AUTO-POPULATED AS REPLACEMENT FOR CODE 50

DELAFIELD FARM SITE (Continued) **S104005438**

Action Date: 2006-05-10 Action Code: 37
Action Name: Site Investigation Report (SIR) Received (non-fee)
Action Desc: Date DNR received a site investigation report (SIR) to determine degree & extent of contamination and form a basis for choosing the appropriate remedial action.
Action Comments: *** SITE INVESTIGATION DETERMINED BY DSPS TO BE COMPLETE - FROM DSPS DATA INTERCHANGE ***

Action Date: 2006-01-11 Action Code: 76
Action Name: Activity Transferred to DSPS (formerly Commerce)
Action Desc: Oversight of medium or low risk petroleum cleanup has been transferred to the WI Dept of Safety and Professional Services (DSPS). DSPS was part of the Dept of Commerce until 2011.
Action Comments: Not reported

Action Date: 1999-07-21 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 1999-08-03 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: RP LETTER MAILED

Action Date: 1999-07-21 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: RPTS., NOTIFICATION, REQUEST TO TRANSFER TO DCOM

Action Date: 2006-12-11 Action Code: 232
Action Name: Continuing Obligation - Residual Soil Contamination
Action Desc: Closure or ongoing cleanup was approved with the Continuing Obligation to address residual soil contamination at or above the Residual Contamination Level (RCL) or Site Specific Residual Contaminant Level (SSRCL) per rules, when moved.
Action Comments: *** AUTO POPULATED AT FINAL CLOSURE DUE TO 710 ACTION ***

Action Date: 2006-08-23 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)
Action Desc: Date fee received for residual soil contamination and related continuing obligations.
Action Comments: REC'D CK# 46592 $200.00

Action Date: 2006-12-11 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: *** NR726 Closure from Commerce Data Interchange ***

Action Date: 2013-07-02 Action Code: 89
Action Name: DSPS (formerly Commerce) Transferred Back to DNR
Action Desc: Date the WI Dept of Safety and Professional Services (DSPS) transfers

DELAFIELD FARM SITE (Continued) **S104005438**

oversight of activity back to the DNR. DSPS was part of the Dept of Commerce until 2011.

Action Comments: PECFA PROGRAM TRANSFER 2013-2015 STATE BUDGET

Contacts:

Role Desc:	DNR File Contact
Contact Name:	JENNIFER MEYER
Contact Address:	1027 W ST PAUL AVE
Contact Addr2:	Not reported
Contact City,St,Zip:	MILWAUKEE, WI 53233
Contact Country:	UNITED STATES
Company Address:	MILWAUKEE, WI 53233

A6 **TEWS CO HARTLAND** **WI ERP** **1000697549**
SSE **701 W CAPITOL DR** **SHWIMS** **WID988622189**
1/4-1/2 **HARTLAND, WI 53029** **LUST**
0.277 mi. **RCRA NonGen / NLR**
1460 ft. **Site 1 of 2 in cluster A** **FINDS**
ECHO
Relative: Lower **AIRS**
TIER 2
Actual: 944 ft.

ERP:

Name:	TEWS CO HARTLAND
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Site Id:	2319700
Detail Seq No:	118316
Activity Type:	ERP
Activity Name:	TEWS CO HARTLAND
Activity Number:	0268118316
Activity Display Number:	02-68-118316
Activity Detail Address:	Not reported
Activity Comments:	Not reported
Region Name:	SE
Faclity ID:	268315630
Start Date:	09/09/1996
End Date:	01/06/1998
Last Action Date:	06/23/2022
Status Cd:	C
Status:	CLOSED
Jurisdiction:	DNR RR
Act Code:	330
Owner Name:	TEWS CO
Owner Addr:	6200 W CENTER ST
Owner City,St,Zip:	MILWAUKEE, WI 53210
Dept Of Commerce Number:	Not reported
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N

TEWS CO HARTLAND (Continued) **1000697549**

Drycleaner?: N
Co-contamination?: N
Public Land Survey System Desc: SWNW0307N18E
Geo Located: Y
DNR GIS Registry View Map Layers: N
GIS Area Point Flag: N
Latitude: 43.101362851
Longitude: -88.359835151
DERF: N
Offsite Impact: N
Row Impact: N
WDOT: N
WDOT Description: Not reported
WAM: N
FRF: N
GLC: N
VPLE COC: N
SUDZ: N
Petrol UST: N
Sediments: N
PFAS: N

Actions:

Action Date: 1998-01-06 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: Not reported

Action Date: 1996-09-09 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Impact Number: 118319
Impact Code: 05
Impact Comments: ph
Impact Potential: N
Impact Description: Soil Contamination

Contacts:

Role Desc: Consultant
Contact Name: SUPERIOR SPECIAL SERVICES
Contact Address: 2622 S 162ND ST
Contact Addr2: Not reported
Contact City,St,Zip: NEW BERLIN, WI 53151
Contact Country: UNITED STATES
Company Address: NEW BERLIN, WI 53151

Role Desc: Responsible Party
Contact Name: TEWS CO
Contact Address: 701 W CAPITOL DR
Contact Addr2: Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Contact City,St,Zip: HARTLAND, WI 53029
Contact Country: UNITED STATES
Company Address: HARTLAND, WI 53029

Role Desc: RP Contact/Agent
Contact Name: JAMES HESSE
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Country: Not reported
Company Address: ,

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

SHWIMS:
Name: TEWS CO HARTLAND
Address: 701 W CAPITOL DR
City,State,Zip: HARTLAND, WI 53029
FID: 268315630
Status: OPERATING
Region: SOUTHEAST

LUST:
Name: TEWS CO HARTLAND
Address: 701 W CAPITOL DR
City,State,Zip: HARTLAND, WI 53029
Region Name: SE
Facility ID: 268315630
Status: **CLOSED**
Start Date: 10/26/1990
End Date: 04/14/1992
Last Action: 10/11/2022
Site Id: 2319700
Detail Seq No: 25612
Activity Type: LUST
Act Code: 340
Activity Name: TEWS CORP
Activity Number: 0368001111
Activity Display Number: 03-68-001111
Activity Detail Address: Not reported
Activity Comments: Not reported
Jurisdiction: DNR RR
Owner Name: TEWS CO
Owner Addr: 6200 W CENTER ST
Owner City,St,Zip: MILWAUKEE, WI 53210
Dept Of Commerce Number: Not reported
Comm Occurrence Id: Not reported
EPA Cerclis Id: Not reported
Risk Code: Not reported
Acres: Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	NWNW0307N18E
Geo Located:	Yes
DNR GIS Registry View Map Layers:	No
Latitude:	43.10169532
Longitude:	-88.35919297
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	Y
Sediments:	N
PFAS:	N

Actions:

Action Date: 1990-10-26 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 1992-04-14 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: Not reported

Substances:

Substance Desc: Diesel Fuel
Amount Released: Not reported
Release Code: Not reported

Impact Number: 68769
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Contacts:

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER

TEWS CO HARTLAND (Continued) **1000697549**

Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: Responsible Party
Contact Name: TEWS CO
Contact Address: 633 S 84TH ST
Contact Addr2: Not reported
Contact City,St,Zip: WEST ALLIS, WI 53214
Contact Country: UNITED STATES
Company Address: WEST ALLIS, WI 53214

RCRA Listings:

Date Form Received by Agency:	20110503
Handler Name:	Tews Co Hartland
Handler Address:	701 W Capitol Dr
Handler City,State,Zip:	HARTLAND, WI 53029
EPA ID:	WID988622189
Contact Name:	DANE THOMPSON
Contact Address:	N59 W14909 BOBOLINK
Contact City,State,Zip:	MENOMONEE FALLS, WI 53210
Contact Telephone:	414-252-9911
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	701 W CAPITOL DR
Mailing City,State,Zip:	HARTLAND, WI 53029
Owner Name:	Tews Co
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110503
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D018
Waste Description:	Benzene

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: TEWS CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6200 W CENTER ST
Owner/Operator City,State,Zip:	MILWAUKEE, WI 53210
Owner/Operator Telephone:	414-442-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: TEWS CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6200 W CENTER ST
Owner/Operator City,State,Zip:	MILWAUKEE, WI 53210
Owner/Operator Telephone:	414-442-8000
Owner/Operator Telephone Ext:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20110503
Handler Name: TEWS CO HARTLAND
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960329
Handler Name: TEWS CO HARTLAND
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110009520090

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

TEWS CO HARTLAND (Continued) **1000697549**

ECHO:

Envid:	1000697549
Registry ID:	110009520090
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009520090
Name:	TEWS CO HARTLAND
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029

AIRS:

Name:	SKYWAY CEMENT CO
Address:	701 W CAPITOL DR
Address 2:	Not reported
City,State,Zip:	HARTLAND, WI 530291926
Facility ID:	268089470
Region:	Not reported
SIC:	5211, LUMBER AND OTHER BUILDING MATERIALS
NAICS:	Not reported
UTM Zone:	Not reported
Contact Name:	Not reported
District Abbreviation:	Not reported
Contact Email:	Not reported
Latest Year Data:	Not reported
Contact Address:	Not reported
Contact City:	Not reported
Contact Zip:	Not reported
Latitude:	43.1008
Permit Number:	268089470-EXM
Permit Type:	Actuals OP Exemption
Longitude:	-88.35803
Completed Date:	Not reported
Expiration Date:	Not reported
Telephone:	Not reported
UTM East:	Not reported
UTM North:	Not reported
Material Code:	Not reported
2007 Tons:	Not reported
Device ID:	Not reported
Device Description:	Not reported
Proc ID:	Not reported
Proc Name:	Not reported
Throughput Amt:	Not reported
Throughput Unit:	Not reported
Throughput Material:	Not reported
Year:	Not reported
RCO First Name:	Wayne
RCO Last Name:	Emmer
Permit Action:	Exemption
Permit Status:	Active
Facility End Date:	Not reported
RCO Email:	wemmer@illinoiscement.com
RCO Phone:	8152242112
App Received Date:	Not reported
Final Decision Date:	Not reported
Decision:	2018-03-06 00:00:00

Name:	SKYWAY CEMENT CO

TEWS CO HARTLAND (Continued) **1000697549**

Address:	701 W CAPITOL DR
Address 2:	Not reported
City,State,Zip:	HARTLAND, WI 530291926
Facility ID:	268089470
Region:	Not reported
SIC:	5211, LUMBER AND OTHER BUILDING MATERIALS
NAICS:	Not reported
UTM Zone:	Not reported
Contact Name:	Not reported
District Abbreviation:	Not reported
Contact Email:	Not reported
Latest Year Data:	Not reported
Contact Address:	Not reported
Contact City:	Not reported
Contact Zip:	Not reported
Latitude:	43.1008
Permit Number:	268089470-S01
Permit Type:	SOP
Longitude:	-88.35803
Completed Date:	Not reported
Expiration Date:	Not reported
Telephone:	Not reported
UTM East:	Not reported
UTM North:	Not reported
Material Code:	Not reported
2007 Tons:	Not reported
Device ID:	Not reported
Device Description:	Not reported
Proc ID:	Not reported
Proc Name:	Not reported
Throughput Amt:	Not reported
Throughput Unit:	Not reported
Throughput Material:	Not reported
Year:	Not reported
RCO First Name:	Wayne
RCO Last Name:	Emmer
Permit Action:	Original
Permit Status:	Inactive
Facility End Date:	Not reported
RCO Email:	wemmer@illinoiscement.com
RCO Phone:	8152242112
App Received Date:	Not reported
Final Decision Date:	Not reported
Decision:	Not reported

TIER 2:

Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported
Corporate Name:	Not reported
Year:	2022
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A

TEWS CO HARTLAND (Continued) **1000697549**

Chemical Name:	Ground Granulated Blast Furnace Slag
Actual Max Amount:	Not reported
Actual Max Units:	Not reported
SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported
Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported
Inventory Days:	365
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported
Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	600000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	ACTIVE
Facility Type:	Facility
Number of Chemicals:	2
Number of EHS Chemicals:	0
Number of EHS More Than TPQ Chemicals:	0
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive:	No
Is Flammable:	No
Is Physical HNOC:	No
Is Emission of gas with water:	No
Is Organic peroxide:	No
Is Oxidizer:	No
Is Pyrophoric gas:	No
Is Pyrophoric liquid or solid:	No
Is Self-heating:	No

TEWS CO HARTLAND (Continued) **1000697549**

Is Self-reactive:	No
Is Acute toxicity:	No
Is Aspiration hazard:	No
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health HNOC:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	Yes
Is Simple asphyxiant:	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported
Corporate Name:	Not reported
Year:	2022
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A
Chemical Name:	Portland Cement
Actual Max Amount:	Not reported
Actual Max Units:	Not reported
SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported
Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported
Inventory Days:	365
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	2496000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	ACTIVE
Facility Type:	Facility
Number of Chemicals:	2
Number of EHS Chemicals:	0
Number of EHS More Than TPQ Chemicals:	0
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive:	No
Is Flammable:	No
Is Physical HNOC:	No
Is Emission of gas with water:	No
Is Organic peroxide:	No
Is Oxidizer:	No
Is Pyrophoric gas:	No
Is Pyrophoric liquid or solid:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity:	No
Is Aspiration hazard:	No
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health HNOC:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	Yes
Is Serious eye damage or eye irritation:	Yes
Is Simple asphyxiant:	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	No

Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported
Corporate Name:	Not reported
Year:	2021
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A
Chemical Name:	Ground Granulated Blast Furnace Slag
Actual Max Amount:	Not reported
Actual Max Units:	Not reported
SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported
Inventory Days:	365
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported
Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	600000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	ACTIVE
Facility Type:	Facility
Number of Chemicals:	2
Number of EHS Chemicals:	0
Number of EHS More Than TPQ Chemicals:	0
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive:	No
Is Flammable:	No
Is Physical HNOC:	No
Is Emission of gas with water:	No
Is Organic peroxide:	No
Is Oxidizer:	No
Is Pyrophoric gas:	No
Is Pyrophoric liquid or solid:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity:	No
Is Aspiration hazard:	No
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health HNOC:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	Yes

TEWS CO HARTLAND (Continued) **1000697549**

Is Simple asphyxiant:	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes
Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported
Corporate Name:	Not reported
Year:	2021
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A
Chemical Name:	Portland Cement
Actual Max Amount:	Not reported
Actual Max Units:	Not reported
SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported
Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported
Inventory Days:	365
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported
Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	2496000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	ACTIVE

TEWS CO HARTLAND (Continued) **1000697549**

Facility Type:	Facility
Number of Chemicals:	2
Number of EHS Chemicals:	0
Number of EHS More Than TPQ Chemicals:	0
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive:	No
Is Flammable:	No
Is Physical HNOC:	No
Is Emission of gas with water:	No
Is Organic peroxide:	No
Is Oxidizer:	No
Is Pyrophoric gas:	No
Is Pyrophoric liquid or solid:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity:	No
Is Aspiration hazard:	No
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health HNOC:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	Yes
Is Serious eye damage or eye irritation:	Yes
Is Simple asphyxiant:	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	No

Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported
Corporate Name:	Not reported
Year:	2020
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A
Chemical Name:	Portland Cement
Actual Max Amount:	Not reported
Actual Max Units:	Not reported
SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported
Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No

TEWS CO HARTLAND (Continued) **1000697549**

Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported
Inventory Days:	365
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported
Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	2496000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	ACTIVE
Facility Type:	Facility
Number of Chemicals:	2
Number of EHS Chemicals:	0
Number of EHS More Than TPQ Chemicals:	0
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive:	No
Is Flammable:	No
Is Physical HNOC:	No
Is Emission of gas with water:	No
Is Organic peroxide:	No
Is Oxidizer:	No
Is Pyrophoric gas:	No
Is Pyrophoric liquid or solid:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity:	No
Is Aspiration hazard:	No
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health HNOC:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	Yes
Is Serious eye damage or eye irritation:	Yes
Is Simple asphyxiant:	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	No

Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Corporate Name:	Not reported
Year:	2020
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A
Chemical Name:	Ground Granulated Blast Furnace Slag
Actual Max Amount:	Not reported
Actual Max Units:	Not reported
SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported
Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported
Inventory Days:	365
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported
Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	600000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	ACTIVE
Facility Type:	Facility
Number of Chemicals:	2
Number of EHS Chemicals:	0
Number of EHS More Than TPQ Chemicals:	0
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive:	No
Is Flammable:	No
Is Physical HNOC:	No

TEWS CO HARTLAND (Continued) **1000697549**

Is Emission of gas with water:	No
Is Organic peroxide:	No
Is Oxidizer:	No
Is Pyrophoric gas:	No
Is Pyrophoric liquid or solid:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity:	No
Is Aspiration hazard:	No
Is Carcinogenicity:	Yes
Is Germ cell mutagenicity:	No
Is Health HNOC:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	Yes
Is Simple asphyxiant:	No
Is Skin corrosion or irritation:	Yes
Is Specific target organ toxicity:	Yes

Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported
Corporate Name:	Not reported
Year:	2019
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A
Chemical Name:	Portland Cement
Actual Max Amount:	Not reported
Actual Max Units:	Not reported
SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported
Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Inventory Days:	365
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported
Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	2496000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	Not reported
Facility Type:	Not reported
Number of Chemicals:	Not reported
Number of EHS Chemicals:	Not reported
Number of EHS More Than TPQ Chemicals:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive:	Not reported
Is Flammable:	Not reported
Is Physical HNOC:	Not reported
Is Emission of gas with water:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer:	Not reported
Is Pyrophoric gas:	Not reported
Is Pyrophoric liquid or solid:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity:	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health HNOC:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant:	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Name:	WISCONSIN CEMENT COMPANY
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Facility ID:	201935
Facility Municipality:	Not reported
Corporate Name:	Not reported
Year:	2019
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
CAS Number:	N/A
Chemical Name:	Ground Granulated Blast Furnace Slag
Actual Max Amount:	Not reported
Actual Max Units:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

SIC Code:	Not reported
NAICS Code:	423320
Inv Reporting (Sec 311/312):	Not reported
Planning/Section 302 Facility:	Not reported
Planning Fac:	Not reported
Tier Two Inventory Fac:	Not reported
Location:	Not reported
Container Code:	Not reported
Pressure Code:	Not reported
Temp Code:	Not reported
Trade Secret:	Not reported
Pure:	No
Mix:	Yes
Solid:	Yes
Liquid:	No
Gas:	No
EHS:	No
EHS Name:	Not reported
Fire:	Not reported
Pressure:	No
Immediate:	No
Delayed:	No
Iventory Max:	Not reported
Inventory Avg:	Not reported
Inventory Days:	180
Contact Name1:	Not reported
Contact Phone1a:	Not reported
Contact Phone1b:	Not reported
Contact Name2:	Not reported
Contact Phone2a:	Not reported
Contact Phone2b:	Not reported
MuniCode:	Not reported
Unit:	lbs
Is Hazard Reactivity:	No
Max Daily Amount Code:	Not reported
Max Daily Amount:	600000
Avg Daily Amount Code:	Not reported
Avg Daily Amount:	Not reported
Facility Status:	Not reported
Facility Type:	Not reported
Number of Chemicals:	Not reported
Number of EHS Chemicals:	Not reported
Number of EHS More Than TPQ Chemicals:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive:	Not reported
Is Flammable:	Not reported
Is Physical HNOC:	Not reported
Is Emission of gas with water:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer:	Not reported
Is Pyrophoric gas:	Not reported
Is Pyrophoric liquid or solid:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity:	Not reported
Is Aspiration hazard:	Not reported

TEWS CO HARTLAND (Continued) **1000697549**

Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health HNOC:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant:	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

A7 **TEWS CORP** **UST FINDER RELEASE** **1029115495**
SSE **701 W CAPITOL DR** **N/A**
1/4-1/2 **HARTLAND, WI 53029**
0.277 mi.
1460 ft. **Site 2 of 2 in cluster A**

Relative: **Lower**

Actual: **944 ft.**

UST FINDER RELEASE:

Object ID:	442475
Facility ID:	Not reported
Lust ID:	WI03-68-001111
Name:	TEWS CORP
Address:	701 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 53029
Address Match Type:	PointAddress
Reported Date:	1990/10/26 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	267
Domestic Wells within 1500ft:	33
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	WI2683598_1
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	070900020301
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	5
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-88.35941
Y Coord:	43.10056
Latitude:	43.10056
Longitude:	-88.3594099999999

8
SSW
1/4-1/2
0.386 mi.
2037 ft.

FORMER DOT SITE / PROPOSED KT1283
STH 83 & W CAPITAL DR
HARTLAND, WI 53029

WI ERP **S128791398**
BRRTS **N/A**

Relative:
Lower

Actual:
985 ft.

ERP:

Name:	FORMER DOT SITE / PROPOSED KT1283
Address:	STH 83 & W CAPITAL DR
City,State,Zip:	HARTLAND, WI 53029
Site Id:	34796300
Detail Seq No:	589662
Activity Type:	ERP
Activity Name:	PROPOSED KWIK TRIP #1283/FMR DOT SITE
Activity Number:	0268589662
Activity Display Number:	02-68-589662
Activity Detail Address:	SEQ OF STH 83 & W CAPITAL DR
Activity Comments:	Not reported
Region Name:	SE
Faclity ID:	268698760
Start Date:	04/25/2022
End Date:	Not reported
Last Action Date:	01/11/2024
Status Cd:	O
Status:	OPEN
Jurisdiction:	DNR RR
Act Code:	330
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Dept Of Commerce Number:	Not reported
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	N
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	SWNW0307N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	N
GIS Area Point Flag:	N
Latitude:	43.101087266
Longitude:	-88.361532277
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	N

FORMER DOT SITE / PROPOSED KT1283 (Continued) **S128791398**

Sediments: N
PFAS: N

Actions:

Action Date: 2024-01-11 Action Code: 195
Action Name: Semi-Annual/PECFA Cost Reporting (NR700) Requirement Met
Action Desc: Date DNR received submittal of completed online semi-annual report form, meeting the requirements of NR 700.
Action Comments: Period: 7/1/2023 - 12/31/2023

Action Date: 2022-11-22 Action Code: 36
Action Name: Site Investigation Workplan (SIWP) Approved
Action Desc: Date DNR provided notice that a site investigation workplan (SIWP) has been approved and site investigation activities can proceed as planned.
Action Comments: Not reported

Action Date: 2022-04-25 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 2022-04-25 Action Code: 29
Action Name: Phase II Environmental Site Assessment (ESA) Rpt Received
Action Desc: Date DNR received a Phase II (including 2.5, 3 etc.) Environmental Site Assessment (ESA) report.
Action Comments: Not reported

Action Date: 2022-05-10 Action Code: 2
Action Name: Responsible Party (RP) letter sent
Action Desc: Date of DNR letter to responsible party (RP) notifying them of state law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: RP LTR SENT

Action Date: 2022-08-02 Action Code: 135
Action Name: Site Investigation Workplan (SIWP) Received (fee)
Action Desc: Date DNR received a request to review a site investigation workplan (SIWP) which states the objectives of the site investigation to determine the degree and extent of contamination. A fee has been paid for DNR review.
Action Comments: RECV'D CK #5174 $700.00

Action Date: 2023-07-12 Action Code: 195
Action Name: Semi-Annual/PECFA Cost Reporting (NR700) Requirement Met
Action Desc: Date DNR received submittal of completed online semi-annual report form, meeting the requirements of NR 700.
Action Comments: Period: 01/01/2023 - 06/30/2023

Action Date: 2023-12-21 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: SOIL MANAGEMENT PLAN

Action Date: 2023-04-07 Action Code: 43

FORMER DOT SITE / PROPOSED KT1283 (Continued) **S128791398**

Action Name: Site Activity Status Update Received
Action Desc: Date DNR received an update regarding site activities. This may include Long Term Monitoring reports (not plans) for sites included on the EPA Superfund: National Priorities List (NPL).
Action Comments: SITE INVESTIGATION UPDATE & NR718 MANAGEMENT PRELIMINARY ACCEPTABILITY REQUEST.

Action Date: 2023-01-23 Action Code: 195
Action Name: Semi-Annual/PECFA Cost Reporting (NR700) Requirement Met
Action Desc: Date DNR received submittal of completed online semi-annual report form, meeting the requirements of NR 700.
Action Comments: Period: 7/1/2022 - 12/31/2022

Substances:
Substance Desc: Arsenic
Amount Released: Not reported
Release Code: Not reported

Substance Desc: Lead (Pb)
Amount Released: Not reported
Release Code: Not reported

Substance Desc: Metals
Amount Released: Not reported
Release Code: Not reported

Impact Number: Not reported
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Contacts:
Role Desc: DNR Project Manager
Contact Name: LINDA STANEK
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: RP Contact/Agent
Contact Name: TROY BATZEL
Contact Address: 1626 OAK ST
Contact Addr2: KWIK TRIP INC
Contact City,St,Zip: LA CROSSE, WI 54602
Contact Country: UNITED STATES
Company Address: LA CROSSE, WI 54602

Role Desc: Responsible Party
Contact Name: KWIK TRIP INC
Contact Address: 1626 OAK ST
Contact Addr2: Not reported
Contact City,St,Zip: LA CROSSE, WI 54602-2107
Contact Country: UNITED STATES
Company Address: LA CROSSE, WI 54602

FORMER DOT SITE / PROPOSED KT1283 (Continued) **S128791398**

BRRTS:

Name:	FORMER DOT SITE / PROPOSED KT1283
Address:	STH 83 & W CAPITAL DR
City,State,Zip:	HARTLAND, WI 53029

Click here for WDNR BRRTS Link:

Site Id:	34796300
Region Name:	SE
Facility ID:	268698760
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Activity Number:	0768593674
Activity Display Number:	07-68-593674
Detail Seq No:	593674
Status:	Not reported
Activity Type:	GENERAL PROPERTY
Activity Name:	FORMER DOT SITE / PROPOSED KT1283
Activity Detail Address:	Not reported
Activity Comments:	Not reported
Start Date:	11/21/2023
End Date:	Not reported
Last Action:	2024-01-25
Dept Of Commerce Number:	Not reported
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Jurisdiction:	DNR RR
Act Code:	380
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	Not reported
Geo Located:	N
DNR GIS Registry View Map Layers:	N
GIS Area Point Flag:	N
Latitude:	Not reported
Longitude:	Not reported
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	N
Sediments:	N
PFAS:	N

FORMER DOT SITE / PROPOSED KT1283 (Continued) **S128791398**

Actions:

Action Date: 2023-12-08 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: STORMWATER POND DESIGNS.

Action Date: 2023-12-05 Action Code: 198
Action Name: Request for Additional Information (Fee-Based or Closure)
Action Desc: Date DNR requests additional information in order to make a determination on a fee-based or closure submittal.
Action Comments: ADD INFO REQ

Action Date: 2023-12-06 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: EMAIL IN RESPONSE TO ADDITIONAL INFORMATION REQUEST.

Action Date: 2023-12-21 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: SOIL MANAGEMENT PLAN FOR THE HISTORIC FILL SITE: FRM WISDOT/KT1283

Action Date: 2024-01-25 Action Code: 805
Action Name: Historic Waste Site
Action Desc: Any deposit of waste material, other than by homeowner on their own property, where an operating license was never issued by the DNR under Wis. Admin Code NR500. This includes, but is not limited to, foundry waste, municipal-type solid waste, coal ash, and some demolition wastes.
Action Comments: Not reported

Action Date: 2023-11-21 Action Code: 401
Action Name: Historic Fill Case by Case Exemption Request (fee)
Action Desc: Date DNR received a request for an exemption to NR 506 for development of a historic fill site (site established before 1970 and never licensed) and review fee received.
Action Comments: REC'D CK #5363 $700

Action Date: 2024-01-25 Action Code: 805
Action Name: Historic Waste Site
Action Desc: Any deposit of waste material, other than by homeowner on their own property, where an operating license was never issued by the DNR under Wis. Admin Code NR500. This includes, but is not limited to, foundry waste, municipal-type solid waste, coal ash, and some demolition wastes.
Action Comments: Not reported

Action Date: 2024-01-25 Action Code: 402
Action Name: Historic Fill Case by Case Exemption Issued
Action Desc: Site-specific approval for construction on a historic fill site.
Waste disposal on site before 1970 with no waste disposal license.
Action Comments: Not reported

Action Date: 2024-01-19 Action Code: 199
Action Name: Additional Information Received (Fee-Based or Closure)
Action Desc: Date DNR received the additional information that it had requested in order to make a determination on a fee-based or closure submittal.

FORMER DOT SITE / PROPOSED KT1283 (Continued) **S128791398**

Action Comments: REVISIED HISTORIC FILL

Action Date: 2024-01-19 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: APPROVAL TO BEGIN SITE DEVELOPMENT.

Contacts:

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: RP Contact/Agent
Contact Name: TROY BATZEL
Contact Address: 1626 OAK ST
Contact Addr2: KWIK TRIP INC
Contact City,St,Zip: LA CROSSE, WI 54602
Contact Country: UNITED STATES
Company Address: LA CROSSE, WI 54602

Role Desc: DNR Project Manager
Contact Name: GREG MOLL
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, 53233

Role Desc: Responsible Party
Contact Name: KWIK TRIP INC
Contact Address: 1626 OAK ST
Contact Addr2: Not reported
Contact City,St,Zip: LA CROSSE, WI 54602-2107
Contact Country: UNITED STATES
Company Address: LA CROSSE, WI 54602

Role Desc: Consultant
Contact Name: PIONEER ENVIRONMENTAL GROUP
Contact Address: 203 1/2 E MAIN ST
Contact Addr2: Not reported
Contact City,St,Zip: MOUNT HOREB, WI 53572
Contact Country: UNITED STATES
Company Address: MOUNT HOREB, WI 53572

9
ESE
1/4-1/2
0.433 mi.
2287 ft.

AMERITECH HARTLAND F1706
133 HILL ST
HARTLAND, WI 53029

SHWIMS **1000104410**
RCRA NonGen / NLR **WID980896849**
FINDS
ECHO

Relative:
Lower

Actual:
962 ft.

SHWIMS:

Name:	AMERITECH HARTLAND F1706
Address:	133 HILL ST
City,State,Zip:	HARTLAND, WI 53029
FID:	268168230
Status:	CLOSED
Region:	SOUTHEAST

RCRA Listings:

Date Form Received by Agency:	20011206
Handler Name:	Ameritech Hartland F1706
Handler Address:	133 Hill St
Handler City,State,Zip:	HARTLAND, WI 53029
EPA ID:	WID980896849
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	722 N BROADWAY 10TH FLOOR
Mailing City,State,Zip:	MILWAUKEE, WI 53202
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Name Not Reported
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

AMERITECH HARTLAND F1706 (Continued) **1000104410**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20011210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D002
Waste Description:	Corrosive Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: WISCONSIN BELL INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ADDRESS NOT REPORTED
Owner/Operator City,State,Zip:	CITY NOT REPORTED, AK 99998
Owner/Operator Telephone:	312-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NAME NOT REPORTED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ADDRESS NOT REPORTED
Owner/Operator City,State,Zip:	CITY NOT REPORTED, AK 99998
Owner/Operator Telephone:	312-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20011206

AMERITECH HARTLAND F1706 (Continued) **1000104410**

Handler Name: AMERITECH HARTLAND F1706
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19831020
Handler Name: AMERITECH HARTLAND F1706
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110005452866

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000104410
Registry ID: 110005452866
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005452866
Name: AMERITECH HARTLAND F1706

AMERITECH HARTLAND F1706 (Continued) **1000104410**

Address: 133 HILL ST
City,State,Zip: HARTLAND, WI 53029

B10 **LAFARGE WISCONSIN DIV** **WI ERP** **S103450324**
South **700 W CAPITOL DR** **LUST** **N/A**
1/4-1/2 **HARTLAND, WI** **LAST**
0.440 mi. **CRS**
2322 ft. **Site 1 of 2 in cluster B** **AUL**
BROWNFIELDS
Relative: Lower **BRRTS**

Actual: 950 ft.

ERP:

Name:	LAFARGE WISCONSIN DIV
Address:	700 W CAPITOL DR
City,State,Zip:	HARTLAND, WI
Site Id:	7007300
Detail Seq No:	593937
Activity Type:	ERP
Activity Name:	HARTLAND QUARRY FMR
Activity Number:	0268593937
Activity Display Number:	02-68-593937
Activity Detail Address:	Not reported
Activity Comments:	Not reported
Region Name:	SE
Faclity ID:	268554330
Start Date:	10/27/2023
End Date:	Not reported
Last Action Date:	01/16/2024
Status Cd:	O
Status:	OPEN
Jurisdiction:	DNR RR
Act Code:	330
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Dept Of Commerce Number:	Not reported
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	NENW0307N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	N
GIS Area Point Flag:	N
Latitude:	43.10415074
Longitude:	-88.356902089
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported

LAFARGE WISCONSIN DIV (Continued) **S103450324**

WAM: N
FRF: N
GLC: N
VPLE COC: N
SUDZ: N
Petrol UST: N
Sediments: N
PFAS: N

Actions:

Action Date: 2023-10-27 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 2023-11-22 Action Code: 29
Action Name: Phase II Environmental Site Assessment (ESA) Rpt Received
Action Desc: Date DNR received a Phase II (including 2.5, 3 etc.) Environmental Site Assessment (ESA) report.
Action Comments: Not reported

Action Date: 2024-01-16 Action Code: 2
Action Name: Responsible Party (RP) letter sent
Action Desc: Date of DNR letter to responsible party (RP) notifying them of state law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: Not reported

Action Date: 2023-11-16 Action Code: 148
Action Name: Remedial Action Design Report Received (fee)
Action Desc: Date DNR received a remedial action design report to document the proposed design of the remedial action or system. A fee has been paid for DNR review.
Action Comments: REC'D CK #009961 $1050, RAP & MMP

Action Date: 2023-11-16 Action Code: 854
Action Name: Materials Management Plan Request Recvd with Fee
Action Desc: Date DNR received a request to approve a management plan for the movement of soil under NR718 and a review fee has been paid. Submittal must include all documents to be complete (soil management plan, letter of acknowledgement, maintenance plan, etc.).
Action Comments: REC'D RAP & MMP

Action Date: 2023-11-16 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)
Action Desc: Date fee received for residual soil contamination and related continuing obligations.
Action Comments: REC'D CK #009961 $300, MMP

Substances:

Substance Desc: Polynuclear Aromatic Hydrocarbons
Amount Released: Not reported
Release Code: Not reported

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Impact Number: Not reported
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Contacts:

Role Desc: Consultant
Contact Name: ENDPOINT SOLUTIONS CORP
Contact Address: 6871 S LOVERS LN
Contact Addr2: Not reported
Contact City,St,Zip: FRANKLIN, WI 53132
Contact Country: UNITED STATES
Company Address: FRANKLIN, WI 53132

Role Desc: Responsible Party
Contact Name: THREE LEAF PARTNERS
Contact Address: 504 W JUNEAU AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, 53203

Role Desc: RP Contact/Agent
Contact Name: JOHN FORD
Contact Address: 504 W JUNEAU ST
Contact Addr2: THREE LEAF PARTNERS
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

Role Desc: Owner
Contact Name: TOM BEAUDRY
Contact Address: 1422 PEARL ST
Contact Addr2: 700 W CAPITOL DR LLC
Contact City,St,Zip: WAUKESHA, WI 53186
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53186

Role Desc: DNR Project Manager
Contact Name: LINDA STANEK
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

LUST:

Name: LAFARGE WISCONSIN DIV
Address: 700 W CAPITOL DR
City,State,Zip: HARTLAND, WI
Region Name: SE
Facility ID: 268554330
Status: **CLOSED**
Start Date: 11/19/1998
End Date: 04/12/2002

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Last Action:	01/24/2024
Site Id:	7007300
Detail Seq No:	205411
Activity Type:	LUST
Act Code:	340
Activity Name:	LAFARGE WISCONSIN DIV
Activity Number:	0368205411
Activity Display Number:	03-68-205411
Activity Detail Address:	701 W CAPITOL DR
Activity Comments:	Not reported
Jurisdiction:	DNR RR
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Dept Of Commerce Number:	53029192700
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	12
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	Y
Above Ground Storage Tank?:	Y
Drycleaner?:	N
Co-contamination?:	Y
Public Land Survey System Desc:	SWNW0307N18E
Geo Located:	Yes
DNR GIS Registry View Map Layers:	Yes
Latitude:	43.101384351
Longitude:	-88.359815005
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	Y
Sediments:	N
PFAS:	N

Actions:

Action Date:	2007-12-13	Action Code:	98
Action Name:	Technical Assistance Provided		
Action Desc:	Date DNR provided fee-based technical assistance on a portion of a site investigation or cleanup.		
Action Comments:	REC'D CK# 731515 $500.00		

Action Date:	1999-11-30	Action Code:	84
Action Name:	Remaining Actions Needed		
Action Desc:	Date DNR sends a letter outlining the remaining actions needed to achieve final closure. The site will not be formally closed until receipt of documentation. This action was formerly known as		

LAFARGE WISCONSIN DIV (Continued) **S103450324**

conditional closure.
Action Comments: GK. 11, WHEN GW USE REST,ABAND FORMS REC'D

Action Date: 2007-12-13 Action Code: 97
Action Name: Technical Assistance Request Received (fee)
Action Desc: Date DNR received a request for technical assistance and a fee has been paid.
Action Comments: REC'D CK# 731515 $500.00

Action Date: 2007-12-13 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REQUEST FOR NAR LETTER UNDER 07-68-550780

Action Date: 1999-09-28 Action Code: 79
Action Name: Case Closure Review Request Received
Action Desc: Date DNR Project Manager received a request to review Case Closure - (Form 4400-202). A fee was paid for DNR review.
Action Comments: GK.9-30-99

Action Date: 2000-02-17 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REC'D ABAND FORMS, DRAFT DEED RESTRICTION

Action Date: 1998-10-27 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: SOIL CONTAMINATON NOTIFICATION

Action Date: 2023-12-05 Action Code: 181
Action Name: Continuing Obligation Modification Request Received (fee)
Action Desc: Date DNR received a request to modify or remove continuing obligations that were imposed at the time of closure/cleanup approval. A fee has been paid for DNR review.
Action Comments: REC'D CK #10021 $1050, PCM

Action Date: 2023-12-05 Action Code: 700
Action Name: Database Fee Paid for Groundwater Continuing Obligation(s)
Action Desc: Date fee received for residual groundwater contamination and related continuing obligations.
Action Comments: REC'D CK #10021 $350, PCM

Action Date: 2023-12-05 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)
Action Desc: Date fee received for residual soil contamination and related continuing obligations.
Action Comments: REC'D CK #10021 $300, PCM

Action Date: 2002-04-11 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REC'D DEED RESTRICTION

Action Date: 2002-04-12 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity

LAFARGE WISCONSIN DIV (Continued) **S103450324**

based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: DV

Action Date: 2002-04-12 Action Code: 730
Action Name: CO Packet created for Recorded Groundwater Use Restriction
Action Desc: Date DNR created a Continuing Obligations (CO) Packet for a site closure where a Groundwater Use Restriction (GWUR) was required and recorded at the Register of Deeds. DNR Staff created the packet from available file material. A copy of the deed filing can be found in the CO Packet
Action Comments: *** AUTO-POPULATED ***

Action Date: 2002-04-12 Action Code: 56
Action Name: Continuing Obligation(s) Applied
Action Desc: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Action Comments: *** AUTO-POPULATED ***

Action Date: 2002-04-12 Action Code: 236
Action Name: Continuing Obligation - Residual GW Contamination
Action Desc: Closure or ongoing cleanup was approved with the Continuing Obligation for residual groundwater contamination in excess of ch. NR 140 groundwater enforcement standard, to obtain DNR approval before well construction or reconstruction.
Action Comments: *** AUTO-POPULATED ***

Action Date: 2024-01-24 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REVISED CO MOD REQUEST

Action Date: 2024-01-22 Action Code: 198
Action Name: Request for Additional Information (Fee-Based or Closure)
Action Desc: Date DNR requests additional information in order to make a determination on a fee-based or closure submittal.
Action Comments: REQ'D ADD'L INFO FOR CO MOD REQUEST

Action Date: 1998-12-01 Action Code: 35
Action Name: Site Investigation Workplan (SIWP) Received (non-fee)
Action Desc: Date DNR received a site investigation workplan (SIWP) which states the objectives of the site investigation to determine the degree and extent of contamination.
Action Comments: Not reported

Action Date: 1998-11-19 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 1998-11-24 Action Code: 2
Action Name: Responsible Party (RP) letter sent

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Action Desc: Date of DNR letter to responsible party (RP) notifying them of state law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: Not reported

Substances:
Substance Desc: Diesel Fuel
Amount Released: Not reported
Release Code: Not reported

Impact Number: 231243
Impact Code: 04
Impact Comments: above es
Impact Potential: N
Impact Description: Groundwater Contamination

Impact Number: 205413
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Impact Number: 251213
Impact Code: 20
Impact Comments: Not reported
Impact Potential: N
Impact Description: Co-contamination

Contacts:
Role Desc: DNR Project Manager
Contact Name: DAVID HANSON
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: Consultant
Contact Name: ENDPOINT SOLUTIONS CORP
Contact Address: 6871 S LOVERS LN
Contact Addr2: Not reported
Contact City,St,Zip: FRANKLIN, WI 53132
Contact Country: UNITED STATES
Company Address: FRANKLIN, WI 53132

Role Desc: Owner
Contact Name: TOM BEAUDRY
Contact Address: 1422 PEARL ST

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Contact Addr2: 700 W CAPITOL DR LLC
Contact City,St,Zip: WAUKESHA, WI 53186
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53186

Role Desc: Applicant
Contact Name: JOHN FORD
Contact Address: 504 W JUNEAU ST
Contact Addr2: THREE LEAF PARTNERS
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

LAST:
Name: LAFARGE WISCONSIN DIV
Address: 700 W CAPITOL DR
City,State,Zip: HARTLAND, WI
Jurisdiction: DNR RR
Region: SE
Facility ID: 268554330
Status Cd: C
Status: CLOSED
Site ID: 7007300
Seq No: 205411
AST Flag: Y
Act Code: 340
Start Date: 11/19/1998
End Date: 04/12/2002
Last Action: 01/24/2024
Dept Of Commerce Number: 53029192700
Comm Occurrence Id: Not reported
EPA Cerclis Id: Not reported
Risk Code: Not reported
Acres: 12
Acres 100: Not reported
EPA NPL Site?: N
Dept Of Commerce Tracking: Not reported
PECFA Funds Eligible ?: Y
Drycleaner?: N
Co-contamination?: Y
Public Land Survey System Desc: SWNW0307N18E
Geo Located: Yes
DNR GIS Registry View Map Layers: Yes
GIS Area Point Flag: N
Activity Type: LUST
Activity Name: LAFARGE WISCONSIN DIV
Activity Number: 0368205411
Activity Display Number: 03-68-205411
Activity Detail Address: 701 W CAPITOL DR
Activity Comments: Not reported
Owner Name: Not reported
Owner Addr: Not reported
Owner City,St,Zip: Not reported
Latitude: 43.101384351
Longitude: -88.359815005
DERF: N
Offsite Impact: N

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	Y
Sediments:	N
PFAS:	N

Actions:

Action Date: 2007-12-13 Action Code: 98
Action Name: Technical Assistance Provided
Action Desc: Date DNR provided fee-based technical assistance on a portion of a site investigation or cleanup.
Action Comments: REC'D CK# 731515 $500.00

Action Date: 1999-11-30 Action Code: 84
Action Name: Remaining Actions Needed
Action Desc: Date DNR sends a letter outlining the remaining actions needed to achieve final closure. The site will not be formally closed until receipt of documentation. This action was formerly known as conditional closure.
Action Comments: GK. 11, WHEN GW USE REST,ABAND FORMS REC'D

Action Date: 2007-12-13 Action Code: 97
Action Name: Technical Assistance Request Received (fee)
Action Desc: Date DNR received a request for technical assistance and a fee has been paid.
Action Comments: REC'D CK# 731515 $500.00

Action Date: 2007-12-13 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REQUEST FOR NAR LETTER UNDER 07-68-550780

Action Date: 1999-09-28 Action Code: 79
Action Name: Case Closure Review Request Received
Action Desc: Date DNR Project Manager received a request to review Case Closure - (Form 4400-202). A fee was paid for DNR review.
Action Comments: GK.9-30-99

Action Date: 2000-02-17 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REC'D ABAND FORMS, DRAFT DEED RESTRICTION

Action Date: 1998-10-27 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: SOIL CONTAMINATON NOTIFICATION

Action Date: 2023-12-05 Action Code: 181
Action Name: Continuing Obligation Modification Request Received (fee)
Action Desc: Date DNR received a request to modify or remove continuing

LAFARGE WISCONSIN DIV (Continued) **S103450324**

obligations that were imposed at the time of closure/cleanup approval. A fee has been paid for DNR review.
Action Comments: REC'D CK #10021 $1050, PCM

Action Date: 2023-12-05 Action Code: 700
Action Name: Database Fee Paid for Groundwater Continuing Obligation(s)
Action Desc: Date fee received for residual groundwater contamination and related continuing obligations.
Action Comments: REC'D CK #10021 $350, PCM

Action Date: 2023-12-05 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)
Action Desc: Date fee received for residual soil contamination and related continuing obligations.
Action Comments: REC'D CK #10021 $300, PCM

Action Date: 2002-04-11 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REC'D DEED RESTRICTION

Action Date: 2002-04-12 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: DV

Action Date: 2002-04-12 Action Code: 730
Action Name: CO Packet created for Recorded Groundwater Use Restriction
Action Desc: Date DNR created a Continuing Obligations (CO) Packet for a site closure where a Groundwater Use Restriction (GWUR) was required and recorded at the Register of Deeds. DNR Staff created the packet from available file material. A copy of the deed filing can be found in the CO Packet
Action Comments: *** AUTO-POPULATED ***

Action Date: 2002-04-12 Action Code: 56
Action Name: Continuing Obligation(s) Applied
Action Desc: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Action Comments: *** AUTO-POPULATED ***

Action Date: 2002-04-12 Action Code: 236
Action Name: Continuing Obligation - Residual GW Contamination
Action Desc: Closure or ongoing cleanup was approved with the Continuing Obligation for residual groundwater contamination in excess of ch. NR 140 groundwater enforcement standard, to obtain DNR approval before well construction or reconstruction.
Action Comments: *** AUTO-POPULATED ***

Action Date: 2024-01-24 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REVISED CO MOD REQUEST

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Action Date: 2024-01-22 Action Code: 198
Action Name: Request for Additional Information (Fee-Based or Closure)
Action Desc: Date DNR requests additional information in order to make a determination on a fee-based or closure submittal.
Action Comments: REQ'D ADD'L INFO FOR CO MOD REQUEST

Action Date: 1998-12-01 Action Code: 35
Action Name: Site Investigation Workplan (SIWP) Received (non-fee)
Action Desc: Date DNR received a site investigation workplan (SIWP) which states the objectives of the site investigation to determine the degree and extent of contamination.
Action Comments: Not reported

Action Date: 1998-11-19 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 1998-11-24 Action Code: 2
Action Name: Responsible Party (RP) letter sent
Action Desc: Date of DNR letter to responsible party (RP) notifying them of state law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: Not reported

Substances:
Substance Desc: Diesel Fuel
Amount Released: Not reported
Release Code: Not reported

Impact Number: 231243
Impact Code: 04
Impact Comments: above es
Impact Potential: N
Impact Description: Groundwater Contamination

Impact Number: 205413
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Impact Number: 251213
Impact Code: 20
Impact Comments: Not reported
Impact Potential: N
Impact Description: Co-contamination

Contacts:
Role Desc: DNR Project Manager
Contact Name: DAVID HANSON
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: Consultant
Contact Name: ENDPOINT SOLUTIONS CORP
Contact Address: 6871 S LOVERS LN
Contact Addr2: Not reported
Contact City,St,Zip: FRANKLIN, WI 53132
Contact Country: UNITED STATES
Company Address: FRANKLIN, WI 53132

Role Desc: Owner
Contact Name: TOM BEAUDRY
Contact Address: 1422 PEARL ST
Contact Addr2: 700 W CAPITOL DR LLC
Contact City,St,Zip: WAUKESHA, WI 53186
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53186

Role Desc: Applicant
Contact Name: JOHN FORD
Contact Address: 504 W JUNEAU ST
Contact Addr2: THREE LEAF PARTNERS
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

CRS:
Name: LAFARGE WISCONSIN DIV
Address: 700 W CAPITOL DR
City,State,Zip: HARTLAND, WI
DNR Activity Number: 0368205411
Site ID: 7007300
Facility ID: 268554330
Detail Seq Num: 205411
Activity Open: LUST closed
X Coordinate: 653470
Y Coordinate: 293379
Start Date: 11/19/1998
End Date: 04/12/2002
Date Last Updated: 10/22/2002

AUL:
Name: LAFARGE WISCONSIN DIV
Address: 700 W CAPITOL DR
City,State,Zip: HARTLAND, WI

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Facid:	268554330
Site Id:	7007300
Detail Seq No:	205411
Region Name:	SE
Action Comments:	*** AUTO-POPULATED ***
Action Date:	04/12/2002
Activity Type:	LUST
Activity Name:	LAFARGE WISCONSIN DIV
Activity Number:	0368205411
Display Number:	03-68-205411
Act Name:	Continuing Obligation(s) Applied
ACT Description:	Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Activity Comments:	Not reported
Detail Address:	701 W CAPITOL DR
Start Date:	11/19/1998
End Date:	04/12/2002
Last Action:	01/24/2024
Status Cd:	C
Status:	CLOSED
Jurisdiction:	DNR RR
Risk Code:	Not reported
EPA NPL Site?:	N
Acres:	12
Acres 100:	Not reported
Drycleaner:	N
Geo Located:	Y
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Dept Of Commerce Number:	53029192700
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	Y
Above Ground Storage Tank?:	Y
Co-contamination?:	Y
Public Land Survey System Desc:	SWNW0307N18E
DNR GIS Registry View Map Layers:	Y
GIS Area Point Flag:	N
Latitude:	43.101384351
Longitude:	-88.359815005
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	Y
Sediments:	N
PFAS:	N

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Actions:

Action Date: 2007-12-13 Action Code: 98
Action Name: Technical Assistance Provided
Action Desc: Date DNR provided fee-based technical assistance on a portion of a site investigation or cleanup.
Action Comments: REC'D CK# 731515 $500.00

Action Date: 1999-11-30 Action Code: 84
Action Name: Remaining Actions Needed
Action Desc: Date DNR sends a letter outlining the remaining actions needed to achieve final closure. The site will not be formally closed until receipt of documentation. This action was formerly known as conditional closure.
Action Comments: GK. 11, WHEN GW USE REST,ABAND FORMS REC'D

Action Date: 2007-12-13 Action Code: 97
Action Name: Technical Assistance Request Received (fee)
Action Desc: Date DNR received a request for technical assistance and a fee has been paid.
Action Comments: REC'D CK# 731515 $500.00

Action Date: 2007-12-13 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REQUEST FOR NAR LETTER UNDER 07-68-550780

Action Date: 1999-09-28 Action Code: 79
Action Name: Case Closure Review Request Received
Action Desc: Date DNR Project Manager received a request to review Case Closure - (Form 4400-202). A fee was paid for DNR review.
Action Comments: GK.9-30-99

Action Date: 2000-02-17 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REC'D ABAND FORMS, DRAFT DEED RESTRICTION

Action Date: 1998-10-27 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: SOIL CONTAMINATON NOTIFICATION

Action Date: 2023-12-05 Action Code: 181
Action Name: Continuing Obligation Modification Request Received (fee)
Action Desc: Date DNR received a request to modify or remove continuing obligations that were imposed at the time of closure/cleanup approval. A fee has been paid for DNR review.
Action Comments: REC'D CK #10021 $1050, PCM

Action Date: 2023-12-05 Action Code: 700
Action Name: Database Fee Paid for Groundwater Continuing Obligation(s)
Action Desc: Date fee received for residual groundwater contamination and related continuing obligations.
Action Comments: REC'D CK #10021 $350, PCM

Action Date: 2023-12-05 Action Code: 710
Action Name: Database Fee Paid for Soil Continuing Obligation(s)

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Action Desc: Date fee received for residual soil contamination and related continuing obligations.
Action Comments: REC'D CK #10021 $300, PCM

Action Date: 2002-04-11 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REC'D DEED RESTRICTION

Action Date: 2002-04-12 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: DV

Action Date: 2002-04-12 Action Code: 730
Action Name: CO Packet created for Recorded Groundwater Use Restriction
Action Desc: Date DNR created a Continuing Obligations (CO) Packet for a site closure where a Groundwater Use Restriction (GWUR) was required and recorded at the Register of Deeds. DNR Staff created the packet from available file material. A copy of the deed filing can be found in the CO Packet
Action Comments: *** AUTO-POPULATED ***

Action Date: 2002-04-12 Action Code: 56
Action Name: Continuing Obligation(s) Applied
Action Desc: Closure or ongoing cleanup was approved with one or more continuing obligations to give notice of residual contamination; require or restrict certain actions to protect the public or environment; minimize human or environmental exposures.
Action Comments: *** AUTO-POPULATED ***

Action Date: 2002-04-12 Action Code: 236
Action Name: Continuing Obligation - Residual GW Contamination
Action Desc: Closure or ongoing cleanup was approved with the Continuing Obligation for residual groundwater contamination in excess of ch. NR 140 groundwater enforcement standard, to obtain DNR approval before well construction or reconstruction.
Action Comments: *** AUTO-POPULATED ***

Action Date: 2024-01-24 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: REVISED CO MOD REQUEST

Action Date: 2024-01-22 Action Code: 198
Action Name: Request for Additional Information (Fee-Based or Closure)
Action Desc: Date DNR requests additional information in order to make a determination on a fee-based or closure submittal.
Action Comments: REQ'D ADD'L INFO FOR CO MOD REQUEST

Action Date: 1998-12-01 Action Code: 35
Action Name: Site Investigation Workplan (SIWP) Received (non-fee)
Action Desc: Date DNR received a site investigation workplan (SIWP) which states the objectives of the site investigation to determine the degree and extent of contamination.

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Action Comments: Not reported

Action Date: 1998-11-19 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Action Date: 1998-11-24 Action Code: 2
Action Name: Responsible Party (RP) letter sent
Action Desc: Date of DNR letter to responsible party (RP) notifying them of state law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: Not reported

Substances:
Substance Desc: Diesel Fuel
Amount Released: Not reported
Release Code: Not reported

Impact Number: 231243
Impact Code: 04
Impact Comments: above es
Impact Potential: N
Impact Description: Groundwater Contamination

Impact Number: 205413
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Impact Number: 251213
Impact Code: 20
Impact Comments: Not reported
Impact Potential: N
Impact Description: Co-contamination

Contacts:
Role Desc: DNR Project Manager
Contact Name: DAVID HANSON
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Role Desc: Consultant
Contact Name: ENDPOINT SOLUTIONS CORP
Contact Address: 6871 S LOVERS LN
Contact Addr2: Not reported
Contact City,St,Zip: FRANKLIN, WI 53132
Contact Country: UNITED STATES
Company Address: FRANKLIN, WI 53132

Role Desc: Owner
Contact Name: TOM BEAUDRY
Contact Address: 1422 PEARL ST
Contact Addr2: 700 W CAPITOL DR LLC
Contact City,St,Zip: WAUKESHA, WI 53186
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53186

Role Desc: Applicant
Contact Name: JOHN FORD
Contact Address: 504 W JUNEAU ST
Contact Addr2: THREE LEAF PARTNERS
Contact City,St,Zip: MILWAUKEE, WI 53203
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53203

BROWNFIELDS:
Name: LAFARGE WISCONSIN DIV
Address: 700 W CAPITOL DR
City,State,Zip: HARTLAND, WI
Site Id: 7007300
Detail Seq No: 550780
Activity Type: GENERAL PROPERTY
Activity Name: HARTLAND QUARRY FMR
Activity Number: 0768550780
Activity Display Number: 07-68-550780
Activity Detail Address: 644 W CAPITOL DR & 701 W CAPITOL DR
Activity Comments: LAFARGE WISCONSIN DIV
Region Name: SE
Faclity ID: 268554330
Start Date: 12/12/2007
End Date: Not reported
Last Action: 02/01/2024
Action Comments: Not reported
Action Date: 07/22/2008
Status Cd: Not reported
Status: Not reported
Jurisdiction: DNR RR
Act Name: General Liability Clarification (GLC) Letter Issued
Act Code: 684
ACT Description: Date DNR issued a general liability clarification (GLC) letter to clarify liability for site specific matters related to environmental contamination and remediation of a property.
Owner Name: Not reported
Owner Addr: Not reported
Owner City,St,Zip: Not reported
Dept Of Commerce Number: Not reported
Comm Occurrence Id: Not reported

LAFARGE WISCONSIN DIV (Continued) **S103450324**

EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	NENW0307N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	N
GIS Area Point Flag:	N
Latitude:	43.103660201
Longitude:	-88.357290421
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	Y
VPLE COC:	N
SUDZ:	N
Petrol UST:	N
Sediments:	N
PFAS:	N

Actions:

Action Date:	2023-10-19	Action Code:	198
Action Name:	Request for Additional Information (Fee-Based or Closure)		
Action Desc:	Date DNR requests additional information in order to make a determination on a fee-based or closure submittal.		
Action Comments:	HFA REVIEWED WITH CONSULTANT. MORE INFORMATION NEEDED REGARDING NOTIFICATION, MMP, VAPOR, ETC.		

Action Date:	2007-12-12	Action Code:	682
Action Name:	General Liability Clarification (GLC) Request Rcvd (fee)		
Action Desc:	Date DNR received a request for a general liability clarification (GLC) letter and fee is paid. Letter to clarify liability for site specific matters related to environmental contamination and remediation of a property.		
Action Comments:	REC'D CK# 731515 $500.00		

Action Date:	2024-02-01	Action Code:	99
Action Name:	Miscellaneous		
Action Desc:	Miscellaneous action - See Action Comments		
Action Comments:	EMAIL REGUARDING HISTORIC FILL		

Action Date:	2023-11-22	Action Code:	99
Action Name:	Miscellaneous		
Action Desc:	Miscellaneous action - See Action Comments		
Action Comments:	PHASE II ENVIRONMENTAL SITE ASSESSMENT		

Action Date:	2023-11-08	Action Code:	99
Action Name:	Miscellaneous		

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Action Desc: Miscellaneous action - See Action Comments
Action Comments: EMAIL TO VILLAGE OF HARTLAND PLAN COMMISSIONER.

Action Date: 2008-07-22 Action Code: 684
Action Name: General Liability Clarification (GLC) Letter Issued
Action Desc: Date DNR issued a general liability clarification (GLC) letter to clarify liability for site specific matters related to environmental contamination and remediation of a property.
Action Comments: Not reported

Action Date: 2023-10-25 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: EMAIL REQUESTING ADDITIONAL INFORMATION RELATED TO AC 198 DATED 10-19-2023.

Action Date: 2023-09-21 Action Code: 401
Action Name: Historic Fill Case by Case Exemption Request (fee)
Action Desc: Date DNR received a request for an exemption to NR 506 for development of a historic fill site (site established before 1970 and never licensed) and review fee received.
Action Comments: REC'D CK #009848 #700, BEAUDRY

Contacts:

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: DNR Project Manager
Contact Name: GREG MOLL
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, 53233

Role Desc: Consultant
Contact Name: ENDPOINT SOLUTIONS CORP
Contact Address: 6871 S LOVERS LN
Contact Addr2: Not reported
Contact City,St,Zip: FRANKLIN, WI 53132
Contact Country: UNITED STATES
Company Address: FRANKLIN, WI 53132

Role Desc: Applicant
Contact Name: TOM BEAUDRY
Contact Address: 1422 PEARL ST
Contact Addr2: 700 W CAPITOL DR LLC
Contact City,St,Zip: WAUKESHA, WI 53186
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53186

LAFARGE WISCONSIN DIV (Continued) **S103450324**

BRRTS:

Name:	LAFARGE WISCONSIN DIV
Address:	700 W CAPITOL DR
City,State,Zip:	HARTLAND, WI

Click here for WDNR BRRTS Link:

Site Id:	7007300
Region Name:	SE
Facility ID:	268554330
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Activity Number:	0968550488
Activity Display Number:	09-68-550488
Detail Seq No:	550488
Status:	Not reported
Activity Type:	NO ACTION REQUIRED
Activity Name:	MEYER MATERIAL CO YARD #48
Activity Detail Address:	701 W CAPITOL DR
Activity Comments:	Not reported
Start Date:	10/12/2007
End Date:	10/12/2007
Last Action:	2007-10-12
Dept Of Commerce Number:	Not reported
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Jurisdiction:	DNR RR
Act Code:	390
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	NENW0307N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	N
GIS Area Point Flag:	N
Latitude:	43.103659672
Longitude:	-88.357253568
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	N
Sediments:	N
PFAS:	N

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Actions:

Action Date: 2007-10-12 Action Code: 801
Action Name: No Action Required (NAR) determination
Action Desc: Date of DNR determination that no action is required (NAR) or limited actions were necessary when laboratory results indicated no detect to low level contamination.
Action Comments: Not reported

Action Date: 2007-10-12 Action Code: 1
Action Name: Notification of Hazardous Substance Discharge
Action Desc: Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.
Action Comments: Not reported

Contacts:

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: Owner
Contact Name: MEYER MATERIAL CO
Contact Address: 1819 DOT ST
Contact Addr2: Not reported
Contact City,St,Zip: MCHENRY, IL 60051-0511
Contact Country: UNITED STATES
Company Address: MCHENRY, IL 60051

Role Desc: Consultant
Contact Name: SECOR INTERNATIONAL INC
Contact Address: 446 EISENHOWER LANE NORTH
Contact Addr2: DAVID M. CURNOCK
Contact City,St,Zip: LOMBARD, IL 60148
Contact Country: UNITED STATES
Company Address: LOMBARD , IL 60148

Activity Number: 0768550780
Activity Display Number: 07-68-550780
Detail Seq No: 550780
Status: Not reported
Activity Type: GENERAL PROPERTY
Activity Name: HARTLAND QUARRY FMR
Activity Detail Address: 644 W CAPITOL DR & 701 W CAPITOL DR
Activity Comments: LAFARGE WISCONSIN DIV
Start Date: 12/12/2007
End Date: Not reported
Last Action: 2024-02-01
Dept Of Commerce Number: Not reported
Comm Occurrence Id: Not reported
EPA Cerclis Id: Not reported

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Jurisdiction:	DNR RR
Act Code:	380
Risk Code:	Not reported
Acres:	Not reported
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	NENW0307N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	N
GIS Area Point Flag:	N
Latitude:	43.103660201
Longitude:	-88.357290421
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	Y
VPLE COC:	N
SUDZ:	N
Petrol UST:	N
Sediments:	N
PFAS:	N

Actions:

Action Date: 2023-10-19 Action Code: 198
Action Name: Request for Additional Information (Fee-Based or Closure)
Action Desc: Date DNR requests additional information in order to make a determination on a fee-based or closure submittal.
Action Comments: HFA REVIEWED WITH CONSULTANT. MORE INFORMATION NEEDED REGARDING NOTIFICATION, MMP, VAPOR, ETC.

Action Date: 2007-12-12 Action Code: 682
Action Name: General Liability Clarification (GLC) Request Rcvd (fee)
Action Desc: Date DNR received a request for a general liability clarification (GLC) letter and fee is paid. Letter to clarify liability for site specific matters related to environmental contamination and remediation of a property.
Action Comments: REC'D CK# 731515 $500.00

Action Date: 2024-02-01 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: EMAIL REGUARDING HISTORIC FILL

Action Date: 2023-11-22 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: PHASE II ENVIRONMENTAL SITE ASSESSMENT

LAFARGE WISCONSIN DIV (Continued) **S103450324**

Action Date: 2023-11-08 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: EMAIL TO VILLAGE OF HARTLAND PLAN COMMISSIONER.

Action Date: 2008-07-22 Action Code: 684
Action Name: General Liability Clarification (GLC) Letter Issued
Action Desc: Date DNR issued a general liability clarification (GLC) letter to clarify liability for site specific matters related to environmental contamination and remediation of a property.
Action Comments: Not reported

Action Date: 2023-10-25 Action Code: 99
Action Name: Miscellaneous
Action Desc: Miscellaneous action - See Action Comments
Action Comments: EMAIL REQUESTING ADDITIONAL INFORMATION RELATED TO AC 198 DATED 10-19-2023.

Action Date: 2023-09-21 Action Code: 401
Action Name: Historic Fill Case by Case Exemption Request (fee)
Action Desc: Date DNR received a request for an exemption to NR 506 for development of a historic fill site (site established before 1970 and never licensed) and review fee received.
Action Comments: REC'D CK #009848 #700, BEAUDRY

Contacts:

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: DNR Project Manager
Contact Name: GREG MOLL
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, 53233

Role Desc: Consultant
Contact Name: ENDPOINT SOLUTIONS CORP
Contact Address: 6871 S LOVERS LN
Contact Addr2: Not reported
Contact City,St,Zip: FRANKLIN, WI 53132
Contact Country: UNITED STATES
Company Address: FRANKLIN, WI 53132

Role Desc: Applicant
Contact Name: TOM BEAUDRY
Contact Address: 1422 PEARL ST
Contact Addr2: 700 W CAPITOL DR LLC
Contact City,St,Zip: WAUKESHA, WI 53186
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53186

B11 **LAFARGE WISCONSIN DIV** **UST FINDER RELEASE** **1029013433**
South **700 W CAPITOL DR** **N/A**
1/4-1/2 **HARTLAND, WI 0**
0.440 mi.
2322 ft. **Site 2 of 2 in cluster B**

Relative: **Lower**
Actual: **950 ft.**

UST FINDER RELEASE:

Object ID:	442477
Facility ID:	Not reported
Lust ID:	WI03-68-205411
Name:	LAFARGE WISCONSIN DIV
Address:	700 W CAPITOL DR
City,State,Zip:	HARTLAND, WI 0
Address Match Type:	StreetAddress
Reported Date:	1998/11/19 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	272
Domestic Wells within 1500ft:	33
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	WI2683598_1
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	070900020301
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	5
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-88.3588999999999
Y Coord:	43.10065
Latitude:	43.10065
Longitude:	-88.3589

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12 **621 PROPERTY** **WI ERP** **S114852249**
South **621 W CAPITOL DR** **N/A**
1/4-1/2 **WAUKESHA, WI**
0.489 mi.
2581 ft.

Relative: **Lower**
Actual: **939 ft.**

ERP:

Name:	621 PROPERTY
Address:	621 W CAPITOL DR
City,State,Zip:	WAUKESHA, WI
Site Id:	26511900
Detail Seq No:	561248
Activity Type:	ERP
Activity Name:	621 PROPERTY
Activity Number:	0268561248
Activity Display Number:	02-68-561248

621 PROPERTY (Continued) **S114852249**

Activity Detail Address:	619 W CAPITOL DR
Activity Comments:	Not reported
Region Name:	SE
Faclity ID:	268641010
Start Date:	11/19/2013
End Date:	07/14/2014
Last Action Date:	07/07/2022
Status Cd:	C
Status:	CLOSED
Jurisdiction:	DNR RR
Act Code:	330
Owner Name:	Not reported
Owner Addr:	Not reported
Owner City,St,Zip:	Not reported
Dept Of Commerce Number:	Not reported
Comm Occurrence Id:	Not reported
EPA Cerclis Id:	Not reported
Risk Code:	Not reported
Acres:	4
Acres 100:	Not reported
EPA NPL Site?:	N
Dept Of Commerce Tracking:	Not reported
PECFA Funds Eligible ?:	N
Above Ground Storage Tank?:	N
Drycleaner?:	N
Co-contamination?:	N
Public Land Survey System Desc:	SENW0307N18E
Geo Located:	Y
DNR GIS Registry View Map Layers:	N
GIS Area Point Flag:	N
Latitude:	43.100527726
Longitude:	-88.356603192
DERF:	N
Offsite Impact:	N
Row Impact:	N
WDOT:	N
WDOT Description:	Not reported
WAM:	N
FRF:	N
GLC:	N
VPLE COC:	N
SUDZ:	N
Petrol UST:	N
Sediments:	N
PFAS:	N

Actions:

Action Date:	2013-11-19	Action Code:	1
Action Name:	Notification of Hazardous Substance Discharge		
Action Desc:	Date DNR received notice of a discharge of a hazardous substance under s. 292.11 Wis. Stats. Discharge was discovered during an environmental assessment or laboratory analysis of soil, sediment, groundwater or vapor samples. Includes historic contamination.		
Action Comments:	Not reported		

Action Date:	2013-11-22	Action Code:	2
Action Name:	Responsible Party (RP) letter sent		
Action Desc:	Date of DNR letter to responsible party (RP) notifying them of state		

621 PROPERTY (Continued) **S114852249**

law responsibilities associated with the investigation and cleanup of a hazardous substance discharge to the environment.
Action Comments: Not reported

Action Date: 2014-01-14 Action Code: 150
Action Name: Remedial Action (RA) Design Report Not Approved
Action Desc: Date DNR notified the Responsible Party (RP) via written or verbal communication that the Remedial Action (RA) Design Report is not approved or further work is requested. This includes the RA Design report for sites included on the EPA Superfund: National Priorities List (NPL).
Action Comments: Not reported

Action Date: 2014-06-19 Action Code: 779
Action Name: Case Closure Review Fee Received
Action Desc: Date DNR received fee for case closure review. Case closure is reviewed for administrative completeness.
Action Comments: REC'D CK# 7973 $1,050.00

Action Date: 2014-06-25 Action Code: 79
Action Name: Case Closure Review Request Received
Action Desc: Date DNR Project Manager received a request to review Case Closure - (Form 4400-202). A fee was paid for DNR review.
Action Comments: Not reported

Action Date: 2014-07-14 Action Code: 11
Action Name: Activity Closed
Action Desc: Date DNR sends a letter approving the final closure of an activity based on data provided and compliance with NR 726 and 727. No further investigation or remediation is required at this time.
Action Comments: Not reported

Action Date: 2013-12-19 Action Code: 148
Action Name: Remedial Action Design Report Received (fee)
Action Desc: Date DNR received a remedial action design report to document the proposed design of the remedial action or system. A fee has been paid for DNR review.
Action Comments: REC'D CK# 7774 $1,050.00

Substances:
Substance Desc: Arsenic
Amount Released: Not reported
Release Code: Not reported

Impact Number: 574012
Impact Code: 05
Impact Comments: Not reported
Impact Potential: N
Impact Description: Soil Contamination

Contacts:
Role Desc: DNR Project Manager
Contact Name: MARK DREWS
Contact Address: 141 NW BARSTOW ST
Contact Addr2: RM 180
Contact City,St,Zip: WAUKESHA, WI 53188

621 PROPERTY (Continued) **S114852249**

Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53188

Role Desc: DNR File Contact
Contact Name: JENNIFER MEYER
Contact Address: 1027 W ST PAUL AVE
Contact Addr2: Not reported
Contact City,St,Zip: MILWAUKEE, WI 53233
Contact Country: UNITED STATES
Company Address: MILWAUKEE, WI 53233

Role Desc: Consultant
Contact Name: KONICEK ENVIRONMENTAL CONSULTING LLC
Contact Address: 1032 S SPRING ST
Contact Addr2: Not reported
Contact City,St,Zip: PORT WASHINGTON, WI 53074
Contact Country: UNITED STATES
Company Address: PORT WASHINGTON, WI 53074

Role Desc: Responsible Party
Contact Name: WAUKESHA STATE BANK
Contact Address: PO BOX 648
Contact Addr2: Not reported
Contact City,St,Zip: WAUKESHA, WI 53187-0648
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53187

Role Desc: RP Contact/Agent
Contact Name: JIM RILEY
Contact Address: PO BOX 648
Contact Addr2: Not reported
Contact City,St,Zip: WAUKESHA, WI 53187
Contact Country: UNITED STATES
Company Address: WAUKESHA, WI 53187

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/25/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/13/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Hazard Ranking List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/30/1994
Date Data Arrived at EDR: 02/10/1995
Date Made Active in Reports: 03/01/1995
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: 608-266-2632
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: No Update Planned

ERP: Environmental Repair Program Database

Environmental Repair Program sites are sites other than LUST's that have contaminated soil and/or groundwater. Often, these are old historic releases to the environment.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: List of Licensed Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/22/2024
Date Data Arrived at EDR: 03/22/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 82

Source: Department of Natural Resources
Telephone: 608-267-7557
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Semi-Annually

WDS: Registry of Waste Disposal Sites

The registry was created by the DNR to serve as a comprehensive listing of all sites where solid or hazardous wastes have been or may have been deposited.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 10/03/2013
Date Made Active in Reports: 11/15/2013
Number of Days to Update: 43

Source: Department of Natural Resources
Telephone: 608-266-2632
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: No Update Planned

SHWIMS: Solid & Hazardous Waste Information Management System
Information on sites, and facilities operating at sites, that are regulated by the Waste Management program

Date of Government Version: 03/19/2024
Date Data Arrived at EDR: 03/20/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 84
Source: Department of Natural Resources
Telephone: 608-266-2414
Last EDR Contact: 06/18/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LAST: Leaking Aboveground Storage Tank Listing
A listing of leaking aboveground storage tank sites.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86
Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86
Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/04/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

UST: Registered Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/05/2024
Date Data Arrived at EDR: 03/06/2024
Date Made Active in Reports: 06/03/2024
Number of Days to Update: 89

Source: Department of Agriculture, Trade & Consumer Protection
Telephone: 608-266-7874
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Semi-Annually

AST: Tanks Database
Aboveground storage tank site locations.

Date of Government Version: 03/05/2024
Date Data Arrived at EDR: 03/06/2024
Date Made Active in Reports: 06/03/2024
Number of Days to Update: 89

Source: Department of Agriculture, Trade & Consumer Protection
Telephone: 608-266-7874
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/17/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

CRS: Closed Remediation Sites

A Closed Remediation Site is parcel of land at which the groundwater has become contaminated and which is affected by a particular type of legal restriction. Specifically, certain steps have been taken to stabilize/remediate the contamination, and the state is satisfied that no further efforts are necessary provided that the property is not used for certain purposes.

Date of Government Version: 03/19/2024
Date Data Arrived at EDR: 03/20/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 84

Source: Department of Natural Resources
Telephone: 608-267-0554
Last EDR Contact: 06/18/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Semi-Annually

AUL: Deed Restriction at Closeout Sites

Date a deed restriction is recorded at the Register of Deeds office for a property. Extent of soil contamination is known but impracticable to remove now or an engineering control is required to be maintained or NR720 industrial stds are applied. Restricts property use or requires future actions.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Party Liability Exemption Sites

The Voluntary Party Liability Exemption is an elective environmental cleanup program. Interested persons who meet the definition of "voluntary party" are eligible to apply. A "voluntary party" is any person who submits an application and pays all the necessary fees.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BEAP: Brownfields Environmental Assessment Program

The Brownfields Environmental Assessment Program (BEAP) was a federal program that assisted municipalities with Environmental Site Assessments (ESA's) for tax delinquent or bankrupt properties, or properties a local government acquired for redevelopment. Using federal dollars, site assessments were conducted by Department of Natural Resources (DNR) staff to determine if the properties were contaminated.

Date of Government Version: 12/31/2000
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 06/29/2001
Number of Days to Update: 31

Source: Department of Natural Resources
Telephone: 608-266-1618
Last EDR Contact: 08/17/2009
Next Scheduled EDR Contact: 11/16/2009
Data Release Frequency: No Update Planned

BROWNFIELDS: Brownfields Site Locations Listing

A listing of brownfields sites included in the BRRTS database. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 608-266-3084
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/11/2024
Date Data Arrived at EDR: 03/12/2024
Date Made Active in Reports: 05/10/2024
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/11/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing
A listing of recycling center locations.

Date of Government Version: 12/29/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 03/26/2024
Number of Days to Update: 83

Source: Solid & Hazardous Waste Education center
Telephone: 608-262-0936
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations in the state.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/31/2021
Date Made Active in Reports: 06/21/2021
Number of Days to Update: 82

Source: Department of Justice
Telephone: 920-832-2751
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
Environmental liens listing.

Date of Government Version: 07/09/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/10/2024
Number of Days to Update: 0

Source: Department of Natural Resources
Telephone: 608-267-6713
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

SPILLS: Spills Database

A discharge of a hazardous substance that may adversely impact, or threaten to adversely impact public health, welfare or the environment. Spills are usually cleaned up quickly.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

AG SPILLS: Agricultural Spill Cases

Spills reported to the Department of Agriculture, Trade & Consumer Protection. There are two types of spills. Long-term: These are mainly pesticide and fertilizer cases. Some might include other contaminants at the same site. Some might involve wood-treaters - which use pesticides. All of them involve spills of products, but these spills generally result from day to day use (chronic spills) rather than accidental spills (acute). Accidental: These are the acute spills of pesticides and fertilizers and only involve pesticides and fertilizers. Most of these are cleaned up and closed within 3 to 6 months.

Date of Government Version: 02/29/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 07/29/2024
Number of Days to Update: 89

Source: Department of Agriculture, Trade & Consumer Protection
Telephone: 608-224-5058
Last EDR Contact: 07/30/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 11/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/31/2003
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/01/2013
Number of Days to Update: 57

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/02/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/16/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/11/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 1

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 57
Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/02/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/16/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 99

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/23/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 79

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/09/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 87

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024
Date Data Arrived at EDR: 06/28/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/28/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/12/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 04/14/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PGAS contaminated sites included in the Bureau for Remediation and Redevelopment Tracking System (BRRTS) database.

Date of Government Version: 03/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 608-264-6125
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

AIRS: Air Permit Program Listing
A listing of permits issued by the Air Permit Program.

Date of Government Version: 07/09/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/16/2024
Number of Days to Update: 6

Source: Department of Natural Resources
Telephone: 608-266-2621
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing
Asbestos sites

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/22/2024
Number of Days to Update: 85

Source: Department of Natural Resources
Telephone: 608-267-7542
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

BRRTS: Bureau of Remediation & Redevelopment Tracking System
BRRTS is a tracking system of contaminated sites. It holds key information for finding out more about a site or an activity. Activity types included are: Abandoned Container - An abandoned container with potentially hazardous contents recovered from a site. No discharge to the environment occurs. If the container did release a hazardous substance, a spill would be associated with the site. Superfund - is a federal program created by Congress in 1980 to finance cleanup of the nation's worst hazardous waste sites. VPLE - Voluntary Property Liability Exemptions apply to sites in which a property owner conducts an environmental investigation and cleanup of an entire property and then receives limits on their future liability. General Property - Environmental actions which apply to the property as a whole, rather than a specific source of contamination, such as the LUST or environmental repair site. Examples would be off-site letters, municipal liability clarification letters, lease letters, voluntary party liability exemption actions, and general liability clarification letters.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal combusion monofills.

Date of Government Version: 03/20/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 06/19/2020
Number of Days to Update: 79

Source: Deaprtment of Natural Resources
Telephone: 608-267-3538
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

DRYCLEANERS: Five Star Recognition Program Sites
Drycleaning facilities enrolled in the Five Star Recognition Program. The primary focus of the Five Star program is to encourage reductions in the use and emissions of perchloroethylene (perc), a common but potentially hazardous drycleaning solvent. Participating cleaners pursue recycling opportunities, spill prevention strategies, more efficient solvent use, and more wet cleaning to reduce their perc consumption.

Date of Government Version: 03/01/2024
Date Data Arrived at EDR: 03/06/2024
Date Made Active in Reports: 06/03/2024
Number of Days to Update: 89

Source: Department of Natural Resources
Telephone: 608-267-3125
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information.

Date of Government Version: 05/13/2024
Date Data Arrived at EDR: 05/15/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 608-266-6965
Last EDR Contact: 05/13/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing
Information for underground storage tanks. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/25/2024
Number of Days to Update: 14

Source: Department of Agriculture, Trade & Consumer Protection
Telephone: 608-266-0956
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: No Update Planned

FIN ASSURANCE 3: Financial Assurance Information Listing
Financial assurance information listing for hazardous waste facilities.

Date of Government Version: 05/13/2024
Date Data Arrived at EDR: 05/15/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 608-266-1486
Last EDR Contact: 05/13/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Annually

LEAD: Lead Inspection Data
Lead inspection information.

Date of Government Version: 07/10/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/10/2024
Number of Days to Update: 0

Source: Department of Health & Family Services
Telephone: 608-267-0473
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Annually

LEAD CERT: Lead Safe Housing Registry
A listing of Wisconsin properties that have been or currently are in our Lead-Free/Lead-Safe Property Registry.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/28/2022
Date Made Active in Reports: 05/26/2022
Number of Days to Update: 87

Source: Department of Environmental & Occupation
Telephone: 608-267-0928
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Annually

NPDES: NPDES Permit Listing
A listing of stormwater permit industrial facilities.

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/15/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 608-264-8971
Last EDR Contact: 05/13/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

TIER 2: Tier 2 Facility Listing
A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 10/23/2023
Number of Days to Update: 81
Source: Department of Natural Resources
Telephone: 608-242-3225
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

WRRSER: Wisconsin Remedial Response Site Evaluation Report
The WRRSER provides information about location, status, and priority of sites or facilities in the state which are known to cause or have a high potential to cause environmental pollution.

Date of Government Version: 10/01/1995
Date Data Arrived at EDR: 01/02/1996
Date Made Active in Reports: 02/01/1996
Number of Days to Update: 30
Source: Department of Natural Resources
Telephone: 608-261-6422
Last EDR Contact: 09/23/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: No Update Planned

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Wisconsin.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Wisconsin.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/27/2013
Number of Days to Update: 179

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

MILWAUKEE COUNTY:

BROWNFIELDS 2: List of Tax Delinquent Brownfields

Current owners of these sites have not paid their property taxes for one or more years. Based on at least an initial screening of these properties (including a historical land use check and a site visit), the City has decided not to foreclose because of potential environmental contamination. However, the City (using State Statute 75.106) may begin foreclosure, and then assign the foreclosure judgment to a new party that will remediate and redevelop the site. Testing may demonstrate that the site is clean or needs limited environmental clean-up.

Date of Government Version: 03/31/2024
Date Data Arrived at EDR: 04/24/2024
Date Made Active in Reports: 07/16/2024
Number of Days to Update: 83

Source: Redevelopment Authority of the City of Milwaukee
Telephone: 414-286-5642
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/06/2024
Date Made Active in Reports: 04/25/2024
Number of Days to Update: 79

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/07/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/13/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Directory
Source: Department of Health & Family Services
Telephone: 608-266-9314

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CAMPUS DRIVE
CAMPUS DRIVE
HARTLAND, WI 53029

TARGET PROPERTY COORDINATES

Latitude (North):	43.108067 - 43° 6' 29.04''
Longitude (West):	88.358461 - 88° 21' 30.46''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	389464.5
UTM Y (Meters):	4773496.0
Elevation:	1022 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50007214 HARTLAND, WI
Version Date:	2022
Northeast Map:	50006727 MERTON, WI
Version Date:	2022
Southwest Map:	50007238 OCONOMOWOC EAST, WI
Version Date:	2022
Northwest Map:	50007279 STONEBANK, WI
Version Date:	2022

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

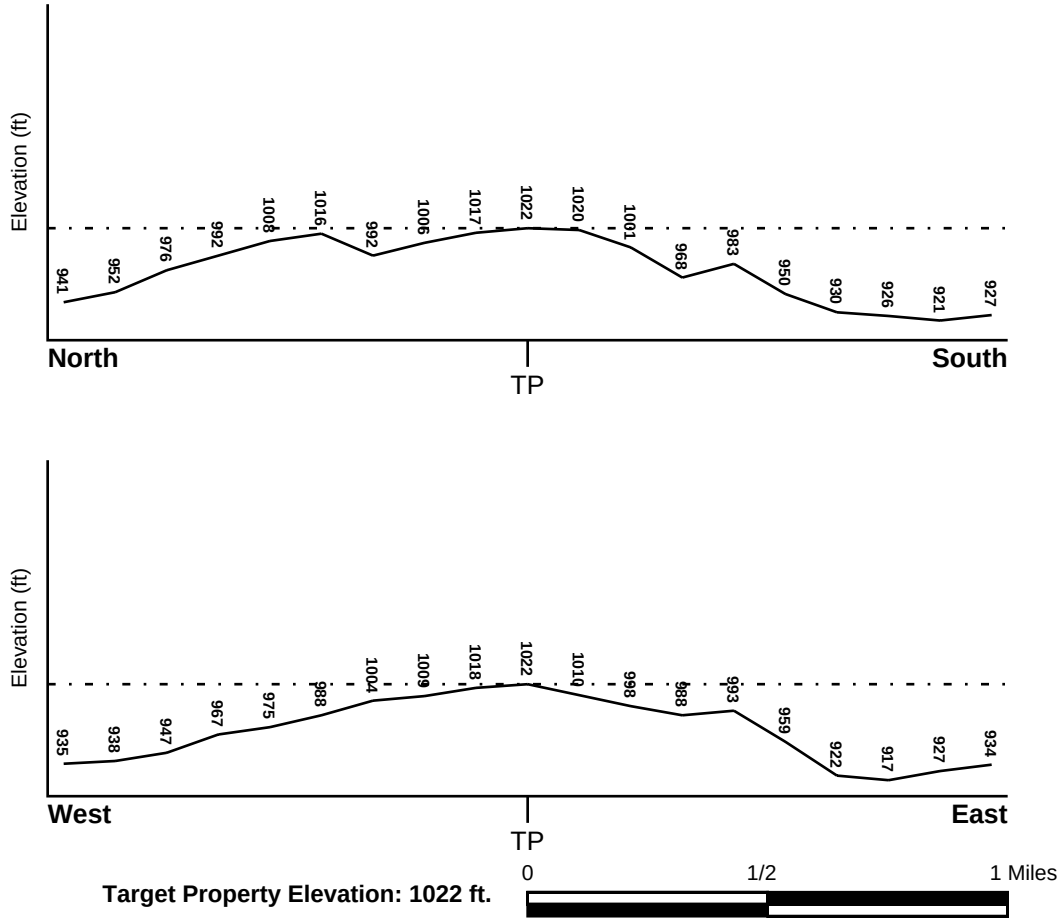
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 1022 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
55133C0176H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
55133C0157H	FEMA FIRM Flood data
55133C0177H	FEMA FIRM Flood data
55133C0178H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

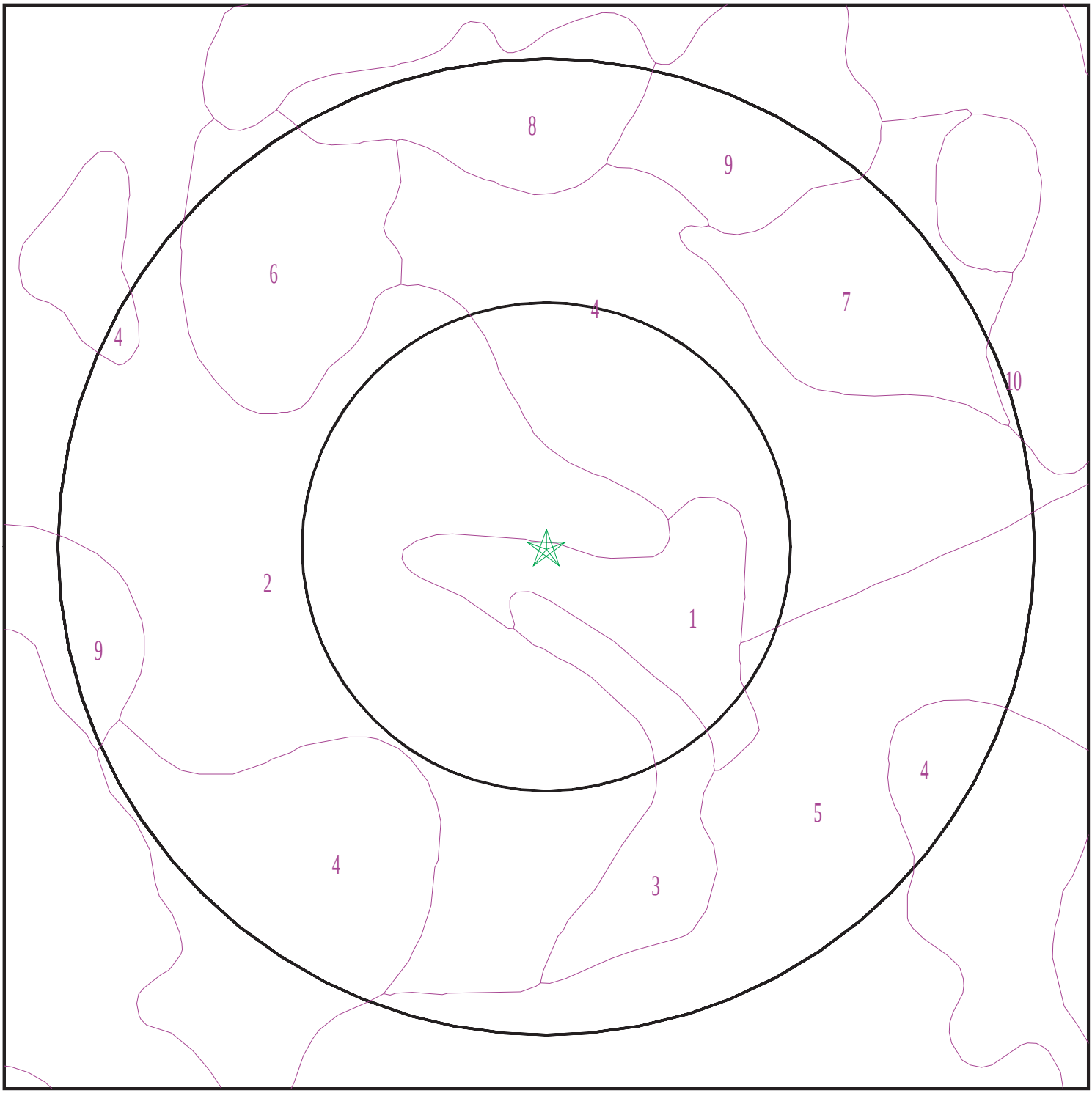
Era:	Paleozoic
System:	Ordovician
Series:	Upper Ordovician (Cincinnatian)
Code:	O3 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7724119.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Campus Drive	CLIENT:	Endpoint Solutions LLC
ADDRESS:	Campus Drive Hartland WI 53029	CONTACT:	Joe Pugel
		INQUIRY #:	7724119.2s
LAT/LONG:	43.108067 / 88.358461	DATE:	August 01, 2024 3:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Hochheim

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Theresa

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 1 Min: 0	Max: 8.4 Min: 7.9
2	9 inches	16 inches	silty clay loam	Not reported	Not reported	Max: 1 Min: 0	Max: 8.4 Min: 7.9
3	16 inches	27 inches	clay loam	Not reported	Not reported	Max: 1 Min: 0	Max: 8.4 Min: 7.9
4	27 inches	59 inches	loam	Not reported	Not reported	Max: 1 Min: 0	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: Casco

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	18 inches	clay loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4
3	18 inches	59 inches	stratified gravel to sand	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 5

Soil Component Name: Pits, gravel

Soil Surface Texture: stratified extremely gravelly coarse sand to gravelly sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	stratified extremely gravelly coarse sand to gravelly sand	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 7

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 8

Soil Component Name: Dodge

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	11 inches	33 inches	silty clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	33 inches	37 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
4	37 inches	59 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 9

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 10

Soil Component Name: Casco

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4
2	7 inches	18 inches	clay loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4
3	18 inches	59 inches	stratified gravel to sand	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	USGS40001309900	1/8 - 1/4 Mile SSW
D8	USGS40001329651	1/4 - 1/2 Mile SSW
D9	USGS40001329650	1/4 - 1/2 Mile SSW
48	USGS40001309876	1/4 - 1/2 Mile SSE
121	USGS40001329643	1/2 - 1 Mile SE
175	USGS40001329646	1/2 - 1 Mile SE
AK178	USGS40001309851	1/2 - 1 Mile SSE
AK179	USGS40001329641	1/2 - 1 Mile SSE
190	USGS40001309855	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
182	WI2680759	1/2 - 1 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	WI8000000422735	1/8 - 1/4 Mile South
A2	WI8000000702181	1/8 - 1/4 Mile South
B3	WI8000000036342	1/8 - 1/4 Mile SSW
B4	WI8000000036343	1/8 - 1/4 Mile SSW
C6	WI8000000399766	1/4 - 1/2 Mile West
C7	WI8000000756869	1/4 - 1/2 Mile West
C10	WI8000000050325	1/4 - 1/2 Mile WNW
C11	WI8000000488457	1/4 - 1/2 Mile West
12	WI8000000306233	1/4 - 1/2 Mile WNW
C13	WI8000000643318	1/4 - 1/2 Mile West
D14	WI8000000108695	1/4 - 1/2 Mile SSW
D15	WI8000000226631	1/4 - 1/2 Mile SSW
E16	WI8000000435967	1/4 - 1/2 Mile West
E17	WI8000000156233	1/4 - 1/2 Mile West
E18	WI8000000275841	1/4 - 1/2 Mile West
F19	WI8000000265269	1/4 - 1/2 Mile West
F20	WI8000000330782	1/4 - 1/2 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F21	WI8000000137382	1/4 - 1/2 Mile West
F22	WI8000000156210	1/4 - 1/2 Mile West
F23	WI8000000643320	1/4 - 1/2 Mile West
F24	WI8000000758020	1/4 - 1/2 Mile West
F25	WI8000000499284	1/4 - 1/2 Mile West
F26	WI8000000561300	1/4 - 1/2 Mile West
E27	WI8000000207884	1/4 - 1/2 Mile West
G28	WI8000000820065	1/4 - 1/2 Mile NNE
H29	WI8000000181410	1/4 - 1/2 Mile WNW
G30	WI8000000478820	1/4 - 1/2 Mile NNE
F31	WI8000000281524	1/4 - 1/2 Mile West
I32	WI8000000036487	1/4 - 1/2 Mile NE
I33	WI8000000036490	1/4 - 1/2 Mile NE
H34	WI8000000793249	1/4 - 1/2 Mile West
G35	WI8000000831279	1/4 - 1/2 Mile NNE
J36	WI8000000326107	1/4 - 1/2 Mile NNE
I37	WI8000000757892	1/4 - 1/2 Mile NNE
38	WI8000000373046	1/4 - 1/2 Mile West
H39	WI8000000091841	1/4 - 1/2 Mile West
J40	WI8000000232461	1/4 - 1/2 Mile NNE
41	WI8000000036344	1/4 - 1/2 Mile South
J42	WI8000000318545	1/4 - 1/2 Mile NNE
43	WI8000000333561	1/4 - 1/2 Mile SW
J44	WI8000000353910	1/4 - 1/2 Mile NNE
J45	WI8000000700743	1/4 - 1/2 Mile NNE
J46	WI8000000807730	1/4 - 1/2 Mile NNE
J47	WI8000000807731	1/4 - 1/2 Mile NNE
J49	WI8000000575002	1/4 - 1/2 Mile NNE
K50	WI8000000181433	1/4 - 1/2 Mile West
K51	WI8000000036233	1/4 - 1/2 Mile West
K52	WI8000000036234	1/4 - 1/2 Mile West
L53	WI8000000305427	1/2 - 1 Mile West
M54	WI8000000719614	1/2 - 1 Mile NNE
55	WI8000000711500	1/2 - 1 Mile NE
56	WI8000000035621	1/2 - 1 Mile East
L57	WI8000000228404	1/2 - 1 Mile West
M58	WI8000000354510	1/2 - 1 Mile NE
N59	WI8000000680635	1/2 - 1 Mile West
N60	WI8000000610083	1/2 - 1 Mile West
O61	WI8000000036499	1/2 - 1 Mile North
O62	WI8000000036498	1/2 - 1 Mile North
O63	WI8000000036500	1/2 - 1 Mile North
O64	WI8000000036503	1/2 - 1 Mile North
O65	WI8000000036501	1/2 - 1 Mile North
O66	WI8000000036497	1/2 - 1 Mile North
O67	WI8000000036493	1/2 - 1 Mile North
O68	WI8000000036492	1/2 - 1 Mile North
O69	WI8000000036494	1/2 - 1 Mile North
O70	WI8000000036496	1/2 - 1 Mile North
O71	WI8000000036495	1/2 - 1 Mile North
O72	WI8000000036504	1/2 - 1 Mile North
O73	WI8000000036513	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
O74	WI8000000036512	1/2 - 1 Mile North
O75	WI8000000036514	1/2 - 1 Mile North
O76	WI8000000575003	1/2 - 1 Mile North
O77	WI8000000036515	1/2 - 1 Mile North
O78	WI8000000036511	1/2 - 1 Mile North
O79	WI8000000036506	1/2 - 1 Mile North
O80	WI8000000036505	1/2 - 1 Mile North
O81	WI8000000036507	1/2 - 1 Mile North
O82	WI8000000036510	1/2 - 1 Mile North
O83	WI8000000036509	1/2 - 1 Mile North
84	WI8000000036488	1/2 - 1 Mile NNE
P85	WI8000000004177	1/2 - 1 Mile West
P86	WI8000000036232	1/2 - 1 Mile WSW
Q87	WI8000000036489	1/2 - 1 Mile NNE
R88	WI8000000722862	1/2 - 1 Mile NE
Q89	WI8000000316913	1/2 - 1 Mile NNE
R90	WI8000000610024	1/2 - 1 Mile NE
R91	WI8000000610037	1/2 - 1 Mile NE
S92	WI8000000692098	1/2 - 1 Mile West
N93	WI8000000227384	1/2 - 1 Mile West
T94	WI8000000471704	1/2 - 1 Mile WSW
S95	WI8000000466263	1/2 - 1 Mile West
S96	WI8000000610253	1/2 - 1 Mile West
S97	WI8000000756400	1/2 - 1 Mile West
T98	WI8000000482111	1/2 - 1 Mile WSW
R99	WI8000000227589	1/2 - 1 Mile NE
S100	WI8000000708148	1/2 - 1 Mile West
101	WI8000000680321	1/2 - 1 Mile West
U102	WI8000000036348	1/2 - 1 Mile SW
U103	WI8000000036347	1/2 - 1 Mile SW
U104	WI8000000471703	1/2 - 1 Mile SW
U105	WI8000000407671	1/2 - 1 Mile SW
106	WI8000000036502	1/2 - 1 Mile North
V107	WI8000000211921	1/2 - 1 Mile WNW
V108	WI8000000472437	1/2 - 1 Mile WNW
109	WI8000000420303	1/2 - 1 Mile East
W110	WI8000000069848	1/2 - 1 Mile NNE
X111	WI8000000700685	1/2 - 1 Mile SSW
X112	WI8000000700686	1/2 - 1 Mile SSW
X113	WI8000000715023	1/2 - 1 Mile SSW
Y114	WI8000000059007	1/2 - 1 Mile WSW
Y115	WI8000000471575	1/2 - 1 Mile WSW
Y116	WI8000000006808	1/2 - 1 Mile WSW
117	WI8000000298889	1/2 - 1 Mile NNW
118	WI8000000191399	1/2 - 1 Mile SW
119	WI8000000471897	1/2 - 1 Mile North
120	WI8000000317050	1/2 - 1 Mile WSW
Z122	WI8000000108723	1/2 - 1 Mile North
Z123	WI8000000072937	1/2 - 1 Mile North
Z124	WI8000000471898	1/2 - 1 Mile North
Z125	WI8000000471896	1/2 - 1 Mile North
AA126	WI8000000036349	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

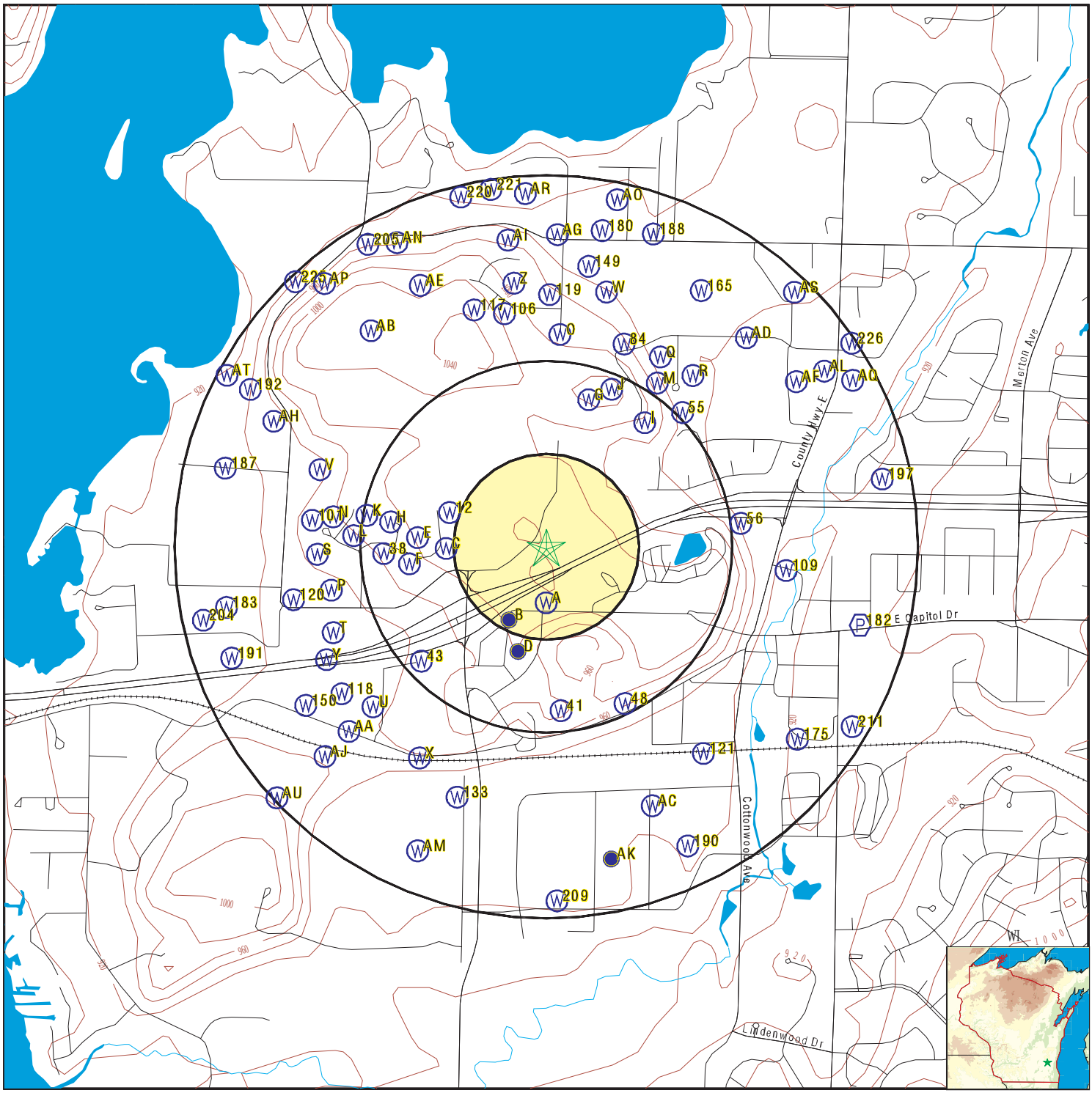
MAP ID	WELL ID	LOCATION FROM TP
W127	WI8000000195909	1/2 - 1 Mile NNE
W128	WI8000000089702	1/2 - 1 Mile NNE
W129	WI8000000089701	1/2 - 1 Mile NNE
W130	WI8000000196089	1/2 - 1 Mile NNE
W131	WI8000000196088	1/2 - 1 Mile NNE
W132	WI8000000196087	1/2 - 1 Mile NNE
133	WI8000000277125	1/2 - 1 Mile SSW
Z134	WI8000000226999	1/2 - 1 Mile North
Z135	WI8000000036508	1/2 - 1 Mile North
AA136	WI8000000644673	1/2 - 1 Mile SW
AB137	WI8000000036484	1/2 - 1 Mile NW
AB138	WI8000000036485	1/2 - 1 Mile NW
AB139	WI8000000036486	1/2 - 1 Mile NW
AC140	WI8000000002214	1/2 - 1 Mile SSE
AC141	WI8000000005940	1/2 - 1 Mile SSE
AC142	WI8000000001095	1/2 - 1 Mile SSE
AC143	WI8000000001646	1/2 - 1 Mile SSE
AC144	WI8000000009912	1/2 - 1 Mile SSE
AC145	WI8000000717484	1/2 - 1 Mile SSE
AC146	WI8000000782184	1/2 - 1 Mile SSE
AC147	WI8000000056967	1/2 - 1 Mile SSE
AC148	WI8000000114708	1/2 - 1 Mile SSE
149	WI8000000209882	1/2 - 1 Mile North
150	WI8000000471702	1/2 - 1 Mile WSW
AD151	WI8000000036711	1/2 - 1 Mile NE
AD152	WI8000000036712	1/2 - 1 Mile NE
AD153	WI8000000036708	1/2 - 1 Mile NE
AD154	WI8000000036710	1/2 - 1 Mile NE
AD155	WI8000000036716	1/2 - 1 Mile NE
AD156	WI8000000036717	1/2 - 1 Mile NE
AD157	WI8000000036713	1/2 - 1 Mile NE
AD158	WI8000000036715	1/2 - 1 Mile NE
AE159	WI8000000195908	1/2 - 1 Mile NNW
AE160	WI8000000660927	1/2 - 1 Mile NNW
AF161	WI8000000414529	1/2 - 1 Mile ENE
AF162	WI8000000700828	1/2 - 1 Mile ENE
AF163	WI8000000725632	1/2 - 1 Mile ENE
AG164	WI8000000058981	1/2 - 1 Mile North
165	WI8000000690947	1/2 - 1 Mile NNE
AH166	WI8000000036235	1/2 - 1 Mile WNW
AH167	WI8000000036231	1/2 - 1 Mile WNW
AH168	WI8000000184772	1/2 - 1 Mile WNW
AH169	WI8000000184646	1/2 - 1 Mile WNW
AI170	WI8000000036491	1/2 - 1 Mile North
AJ171	WI8000000275193	1/2 - 1 Mile SW
AJ172	WI8000000466382	1/2 - 1 Mile SW
AK173	WI8000000195859	1/2 - 1 Mile South
AI174	WI8000000720627	1/2 - 1 Mile North
AG176	WI8000000243567	1/2 - 1 Mile North
AF177	WI8000000271640	1/2 - 1 Mile ENE
180	WI8000000652618	1/2 - 1 Mile North
AG181	WI8000000749411	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
183	WI8000000791561	1/2 - 1 Mile West
AL184	WI8000000652223	1/2 - 1 Mile NE
AM185	WI8000000120392	1/2 - 1 Mile SSW
AM186	WI8000000195860	1/2 - 1 Mile SSW
187	WI8000000500985	1/2 - 1 Mile WNW
188	WI8000000644353	1/2 - 1 Mile NNE
AL189	WI8000000036709	1/2 - 1 Mile ENE
191	WI8000000186730	1/2 - 1 Mile WSW
192	WI8000000754748	1/2 - 1 Mile WNW
AN193	WI8000000202352	1/2 - 1 Mile NNW
AN194	WI8000000301860	1/2 - 1 Mile NNW
AN195	WI8000000089700	1/2 - 1 Mile NNW
AO196	WI8000000644354	1/2 - 1 Mile NNE
197	WI8000000622321	1/2 - 1 Mile ENE
AP198	WI8000000192769	1/2 - 1 Mile NW
AP199	WI8000000058349	1/2 - 1 Mile NW
AP200	WI8000000471759	1/2 - 1 Mile NW
AP201	WI8000000736375	1/2 - 1 Mile NW
AP202	WI8000000622319	1/2 - 1 Mile NW
AQ203	WI8000000290882	1/2 - 1 Mile ENE
204	WI8000000269140	1/2 - 1 Mile WSW
205	WI8000000705023	1/2 - 1 Mile NNW
AQ206	WI8000000417042	1/2 - 1 Mile ENE
AR207	WI8000000243568	1/2 - 1 Mile North
AR208	WI8000000720626	1/2 - 1 Mile North
209	WI8000000036340	1/2 - 1 Mile South
AR210	WI8000000250824	1/2 - 1 Mile North
211	WI8000000275192	1/2 - 1 Mile ESE
AS212	WI8000000089703	1/2 - 1 Mile NE
AS213	WI8000000121348	1/2 - 1 Mile NE
AS214	WI8000000390224	1/2 - 1 Mile NE
AO215	WI8000000644351	1/2 - 1 Mile North
AO216	WI8000000562164	1/2 - 1 Mile North
AO217	WI8000000644355	1/2 - 1 Mile North
AO218	WI8000000644352	1/2 - 1 Mile North
AO219	WI8000000644350	1/2 - 1 Mile NNE
220	WI8000000261677	1/2 - 1 Mile NNW
221	WI8000000747041	1/2 - 1 Mile North
AT222	WI8000000318614	1/2 - 1 Mile WNW
AT223	WI8000000491695	1/2 - 1 Mile WNW
AT224	WI8000000239776	1/2 - 1 Mile WNW
225	WI8000000679746	1/2 - 1 Mile NW
226	WI8000000707499	1/2 - 1 Mile ENE
AU227	WI8000000062121	1/2 - 1 Mile SW
AU228	WI8000000036345	1/2 - 1 Mile SW
AU229	WI8000000672482	1/2 - 1 Mile SW
AU230	WI8000000308780	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 7724119.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data

SITE NAME: Campus Drive	CLIENT: Endpoint Solutions LLC
ADDRESS: Campus Drive Hartland WI 53029	CONTACT: Joe Pugel
LAT/LONG: 43.108067 / 88.358461	INQUIRY #: 7724119.2s DATE: August 01, 2024 3:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
South
1/8 - 1/4 Mile
Lower

WI WELLS **WI8000000422735**

WELLS:

Well Number:	IJ288	Well Type:	Replacement
Well Use:	NONCOMMUNITY	Well Status:	Active
Well Depth (ft):	278	PWS Name:	Not Reported
Construction Date:	19950622	Construction Year:	1995
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	278
Max Casing Diameter (in):	6	Static Water Level (ft):	120
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	50
Pumping Level (ft):	180	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	OUT OF WATER	Constuction Type:	Drilled
Constructor ID:	436	Owner:	GARDEN GATE NURSERY
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IJ288		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IJ288		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IJ288		

A2
South
1/8 - 1/4 Mile
Lower

WI WELLS **WI8000000702181**

WELLS:

Well Number:	8NN038	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19740829	Construction Year:	1974
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Wagen Realty Co.
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NN038		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NN038		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NN038		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B3
SSW
1/8 - 1/4 Mile
Lower

WI WELLS **WI8000000036342**

WELLS:

Well Number:	8KM754	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19660511	Construction Year:	1966
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Robert Steinman
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM754		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM754		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM754		

B4
SSW
1/8 - 1/4 Mile
Lower

WI WELLS **WI8000000036343**

WELLS:

Well Number:	8KM755	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19660413	Construction Year:	1966
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Bob Steinman
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM755		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM755		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM755		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
SSW
1/8 - 1/4 Mile
Lower

FED USGS **USGS40001309900**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	WK-07/18E/03-1254	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	120
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1968-10-10
Feet below surface:	87.00	Feet to sea level:	Not Reported
Note:	Not Reported		

C6
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000399766**

WELLS:

Well Number:	IF118	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	127	PWS Name:	Not Reported
Construction Date:	19950223	Construction Year:	1995
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	127
Max Casing Diameter (in):	6	Static Water Level (ft):	100
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	22
Pumping Level (ft):	110	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	WESTRIDGE BUILDERS
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IF118		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IF118		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IF118		

C7
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000756869**

WELLS:

Well Number:	IK781	Well Type:	New Well

Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	141	PWS Name:	Not Reported
Construction Date:	19950712	Construction Year:	1995
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	138	Max Casing Diameter (in):	6
Static Water Level (ft):	104	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	25	Pumping Level (ft):	125
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR NEW HOME
Constuction Type:	Drilled	Constructor ID:	672
Owner:	HOLMBERG	Inventory Date:	Not Reported
Max Grout Depth (ft):	0	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IK781		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IK781		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IK781		

D8
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40001329651**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	PERM 88023	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

D9
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40001329650**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	PERM 88022	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C10
WNW
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000050325**

WELLS:

Well Number:	IA885	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	137	PWS Name:	Not Reported
Construction Date:	19941103	Construction Year:	1994
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	137
Max Casing Diameter (in):	6	Static Water Level (ft):	103
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	25
Pumping Level (ft):	110	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	TOMICH CARL P
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IA885		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IA885		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IA885		

C11
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000488457**

WELLS:

Well Number:	FS585	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	138	PWS Name:	Not Reported
Construction Date:	19940610	Construction Year:	1994
Constructor Name:	HYINK WELL DRILLING INC		
Casing Depth (ft):	138	Max Casing Diameter (in):	6
Static Water Level (ft):	95	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	120
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW ONE FAMILY RESIDENCE
Constuction Type:	Drilled	Constructor ID:	479
Owner:	KOPPERNOLLE KEITH		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/FS585		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=FS585		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/FS585		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

12
WNW | **WI WELLS** | **WI8000000306233**
1/4 - 1/2 Mile
Lower

WELLS:

Well Number:	HW658	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	122	PWS Name:	Not Reported
Construction Date:	19940803	Construction Year:	1994
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	119	Max Casing Diameter (in):	6
Static Water Level (ft):	102	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	17	Pumping Level (ft):	115
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HW658		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HW658		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HW658		

C13
West | **WI WELLS** | **WI8000000643318**
1/4 - 1/2 Mile
Lower

WELLS:

Well Number:	IA918	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	132	PWS Name:	Not Reported
Construction Date:	19941115	Construction Year:	1994
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	132
Max Casing Diameter (in):	6	Static Water Level (ft):	94
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	30
Pumping Level (ft):	110	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	SHARER KEITH
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IA918		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IA918		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IA918		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D14
SSW
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000108695**

WELLS:

Well Number:	BH296	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19640208	Construction Year:	1964
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	88022
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	THOMAS METZ
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/BH296		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=BH296		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/BH296		

D15
SSW
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000226631**

WELLS:

Well Number:	8NM185	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NM185		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NM185		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NM185		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E16
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000435967**

WELLS:

Well Number:	LN319	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	151	PWS Name:	Not Reported
Construction Date:	19970102	Construction Year:	1997
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	148	Max Casing Diameter (in):	6
Static Water Level (ft):	101	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	22	Pumping Level (ft):	125
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	KINGS WAY HOMES INC KANE TOM		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/LN319		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LN319		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/LN319		

E17
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000156233**

WELLS:

Well Number:	GM164	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	140	PWS Name:	Not Reported
Construction Date:	19940420	Construction Year:	1994
Constructor Name:	ROSCHI BROS WELL DRLG @ PUMP INC		
Casing Depth (ft):	137	Max Casing Diameter (in):	6
Static Water Level (ft):	99	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	10	Pumping Level (ft):	109
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONSTRUCTION
Constuction Type:	Drilled	Constructor ID:	435
Owner:	KLAPPERICH BLDRS		
Inventory Date:	Not Reported	Max Grout Depth (ft):	137
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/GM164		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=GM164		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/GM164		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E18
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000275841**

WELLS:

Well Number:	LI411	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	156	PWS Name:	Not Reported
Construction Date:	19960828	Construction Year:	1996
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	153	Max Casing Diameter (in):	6
Static Water Level (ft):	109	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	125
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR NEW HOME
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/LI411		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LI411		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/LI411		

F19
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000265269**

WELLS:

Well Number:	HO732	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	420	PWS Name:	Not Reported
Construction Date:	19940916	Construction Year:	1994
Constructor Name:	STEVE HARTMAN	Casing Depth (ft):	420
Max Casing Diameter (in):	6	Static Water Level (ft):	88
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	20
Pumping Level (ft):	180	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	WATER	Constuction Type:	Drilled
Constructor ID:	324	Owner:	GOTT FRANK
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HO732		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HO732		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HO732		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F20
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000330782**

WELLS:

Well Number:	HT495	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	119	PWS Name:	Not Reported
Construction Date:	19940708	Construction Year:	1994
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	116
Max Casing Diameter (in):	6	Static Water Level (ft):	98
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	20
Pumping Level (ft):	106	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	MILLIKEN HOMES
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HT495		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HT495		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HT495		

F21
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000137382**

WELLS:

Well Number:	LW911	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	134	PWS Name:	Not Reported
Construction Date:	19970603	Construction Year:	1997
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	131	Max Casing Diameter (in):	6
Static Water Level (ft):	100	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	125
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR NEW HOME
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/LW911		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LW911		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/LW911		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F22
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000156210**

WELLS:

Well Number:	GM152	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	140	PWS Name:	Not Reported
Construction Date:	19940413	Construction Year:	1994
Constructor Name:	ROSCHI BROS WELL DRLG @ PUMP INC		
Casing Depth (ft):	137	Max Casing Diameter (in):	6
Static Water Level (ft):	100	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	12	Pumping Level (ft):	111
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONSTRUCTION
Constuction Type:	Drilled	Constructor ID:	435
Owner:	CORNERSTONE BLDR		
Inventory Date:	Not Reported	Max Grout Depth (ft):	137
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/GM152		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=GM152		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/GM152		

F23
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000643320**

WELLS:

Well Number:	IA921	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	131	PWS Name:	Not Reported
Construction Date:	19941115	Construction Year:	1994
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	131
Max Casing Diameter (in):	6	Static Water Level (ft):	100
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	50
Pumping Level (ft):	110	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	ROTH MICHAEL
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IA921		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IA921		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IA921		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F24
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000758020**

WELLS:

Well Number:	DV106	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	126	PWS Name:	Not Reported
Construction Date:	19910827	Construction Year:	1991
Constructor Name:	RICHARD L DANECKI		
Casing Depth (ft):	122	Max Casing Diameter (in):	6
Static Water Level (ft):	95	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	115
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW HOME
Constuction Type:	Drilled	Constructor ID:	124
Owner:	AUDLEY PLUMBING @ HEATING		
Inventory Date:	Not Reported	Max Grout Depth (ft):	122
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/DV106		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=DV106		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/DV106		

F25
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000499284**

WELLS:

Well Number:	MQ086	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	142	PWS Name:	Not Reported
Construction Date:	19980826	Construction Year:	1998
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	139	Max Casing Diameter (in):	6
Static Water Level (ft):	101	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	25	Pumping Level (ft):	120
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES INC SELECT LE		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/MQ086		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MQ086		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/MQ086		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F26
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000561300**

WELLS:

Well Number:	HX353	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	93	PWS Name:	Not Reported
Construction Date:	19940907	Construction Year:	1994
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	90
Max Casing Diameter (in):	6	Static Water Level (ft):	78
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	25
Pumping Level (ft):	80	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	VISIONARY CONST
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HX353		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HX353		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HX353		

E27
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000207884**

WELLS:

Well Number:	HD961	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	140	PWS Name:	Not Reported
Construction Date:	19960311	Construction Year:	1996
Constructor Name:	DARYL BUTCH GIBOUR		
Casing Depth (ft):	135	Max Casing Diameter (in):	6
Static Water Level (ft):	100	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	115
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW HOME
Constuction Type:	Drilled	Constructor ID:	17
Owner:	SIMONS RONALD	Inventory Date:	Not Reported
Max Grout Depth (ft):	0	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HD961		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HD961		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HD961		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G28
NNE | **WI WELLS** | **WI8000000820065**
1/4 - 1/2 Mile
Lower

WELLS:

Well Number:	AAA283	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	502	PWS Name:	Not Reported
Construction Date:	20200512	Construction Year:	2020
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	486	Max Casing Diameter (in):	6
Static Water Level (ft):	147	First Bedrock (ft):	486
Pumping Rate (gpm):	20	Pumping Level (ft):	245
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	672
Owner:	KETTLE CREEK HMS/DANIEL MATT & HARTZEL LYNN		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	AT THE TIME OF DRILLING THIS WELL, THE SEPTIC SYSTEM WAS NOT INSTALLED YET.		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AAA283		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAA283		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AAA283		

H29
WNW | **WI WELLS** | **WI8000000181410**
1/4 - 1/2 Mile
Lower

WELLS:

Well Number:	IE597	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	440	PWS Name:	Not Reported
Construction Date:	19950208	Construction Year:	1995
Constructor Name:	ROSCHI BROS WELL DRLG @ PUMP INC		
Casing Depth (ft):	438	Max Casing Diameter (in):	6
Static Water Level (ft):	97	First Bedrock (ft):	438
Pumping Rate (gpm):	11	Pumping Level (ft):	126
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONSTRUCTION
Constuction Type:	Drilled	Constructor ID:	435
Owner:	L C HOMES	Inventory Date:	Not Reported
Max Grout Depth (ft):	438	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IE597		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IE597		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IE597		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G30
NNE
1/4 - 1/2 Mile
Higher

WI WELLS **WI8000000478820**

WELLS:

Well Number:	AAP561	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	503	PWS Name:	Not Reported
Construction Date:	20220510	Construction Year:	2022
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	489	Max Casing Diameter (in):	6
Static Water Level (ft):	147	First Bedrock (ft):	489
Pumping Rate (gpm):	15	Pumping Level (ft):	245
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	672
Owner:	BIELINSKI HOMES / SAZAMA JEFFREY & SOLBERG SUSAN		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AAP561		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAP561		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AAP561		

F31
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000281524**

WELLS:

Well Number:	ID152	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	122	PWS Name:	Not Reported
Construction Date:	19941114	Construction Year:	1994
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	119	Max Casing Diameter (in):	6
Static Water Level (ft):	87	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	105
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR NEW HOME
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ID152		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ID152		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ID152		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I32
NE
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000036487**

WELLS:

Well Number:	8KS747	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS747		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS747		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS747		

I33
NE
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000036490**

WELLS:

Well Number:	8KS751	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS751		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS751		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS751		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H34
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000793249**

WELLS:

Well Number:	MM150	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	142	PWS Name:	Not Reported
Construction Date:	19980512	Construction Year:	1998
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	139	Max Casing Diameter (in):	6
Static Water Level (ft):	73	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	23	Pumping Level (ft):	85
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/MM150		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MM150		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/MM150		

G35
NNE
1/4 - 1/2 Mile
Higher

WI WELLS **WI8000000831279**

WELLS:

Well Number:	AAG804	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	520	PWS Name:	Not Reported
Construction Date:	20210107	Construction Year:	2021
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	485	Max Casing Diameter (in):	6
Static Water Level (ft):	125	First Bedrock (ft):	485
Pumping Rate (gpm):	20	Pumping Level (ft):	226
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	FOHR JERRY & SUE		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AAG804		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAG804		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AAG804		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J36
NNE | **WI WELLS** | **WI8000000326107**
1/4 - 1/2 Mile
Higher

WELLS:

Well Number:	AAC911	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	476	PWS Name:	Not Reported
Construction Date:	20200608	Construction Year:	2020
Constructor Name:	SWEENEY, KENNETH R		
Casing Depth (ft):	476	Max Casing Diameter (in):	6
Static Water Level (ft):	128	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	180
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	583
Owner:	HOMES MERAKI	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AAC911		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAC911		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AAC911		

I37
NNE | **WI WELLS** | **WI8000000757892**
1/4 - 1/2 Mile
Lower

WELLS:

Well Number:	DU293	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	685	PWS Name:	Not Reported
Construction Date:	19910503	Construction Year:	1991
Constructor Name:	ROSCHI BROS WELL DRILLING @ PUMP		
Casing Depth (ft):	483	Max Casing Diameter (in):	6
Static Water Level (ft):	245	First Bedrock (ft):	483
Pumping Rate (gpm):	6	Pumping Level (ft):	500
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	CLOUDY WATER IN OLD WELL
Constuction Type:	Drilled	Constructor ID:	435
Owner:	PATRICK HENZE	Inventory Date:	Not Reported
Max Grout Depth (ft):	483	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/DU293		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=DU293		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/DU293		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

38
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000373046**

WELLS:

Well Number:	KU002	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	105	PWS Name:	Not Reported
Construction Date:	19960305	Construction Year:	1996
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	102
Max Casing Diameter (in):	6	Static Water Level (ft):	85
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	20
Pumping Level (ft):	90	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	HOFF MR @ MRS ROBERT
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/KU002		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=KU002		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/KU002		

H39
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000091841**

WELLS:

Well Number:	IA425	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	120	PWS Name:	Not Reported
Construction Date:	19941109	Construction Year:	1994
Constructor Name:	PATRICK J LAHR	Casing Depth (ft):	120
Max Casing Diameter (in):	6	Static Water Level (ft):	94
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	18
Pumping Level (ft):	110	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	187	Owner:	KNOEBEL BRIAN
Inventory Date:	Not Reported	Max Grout Depth (ft):	20
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IA425		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IA425		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IA425		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J40
NNE
1/4 - 1/2 Mile
Higher

WI WELLS **WI8000000232461**

WELLS:

Well Number:	ZL685	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	491	PWS Name:	Not Reported
Construction Date:	20201218	Construction Year:	2020
Constructor Name:	D & D WELL & PUMPS LLC		
Casing Depth (ft):	491	Max Casing Diameter (in):	6
Static Water Level (ft):	127	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	180
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	7181
Owner:	MERAKI HOMES	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	SEPTIC/SEWAGE-AT TIME OF DRILLING SEPTIC NOT INSTALLED		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ZL685		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ZL685		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ZL685		

41
South
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000036344**

WELLS:

Well Number:	8KM756	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM756		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM756		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM756		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J42
NNE
1/4 - 1/2 Mile
Higher

WI WELLS **WI8000000318545**

WELLS:

Well Number:	AAI106	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	220	PWS Name:	Not Reported
Construction Date:	20210303	Construction Year:	2021
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	214	Max Casing Diameter (in):	6
Static Water Level (ft):	120	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	25	Pumping Level (ft):	186
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	THE COLLIN R AND SHAYLAN M SEUBERT REVOCABLE TRUST		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AAI106		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAI106		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AAI106		

43
SW
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000333561**

WELLS:

Well Number:	QS518	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	98	PWS Name:	Not Reported
Construction Date:	20020708	Construction Year:	2002
Constructor Name:	ANHALT WELL DRLG & PUMP INC		
Casing Depth (ft):	98	Max Casing Diameter (in):	6
Static Water Level (ft):	74	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	30	Pumping Level (ft):	85
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	6726
Owner:	GATZOW MIKE	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/QS518		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QS518		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/QS518		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J44
NNE **WI WELLS** **WI8000000353910**
1/4 - 1/2 Mile
Higher

WELLS:

Well Number:	AAM177	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	483	PWS Name:	Not Reported
Construction Date:	20210910	Construction Year:	2021
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	483	Max Casing Diameter (in):	6
Static Water Level (ft):	130	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	200
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	SCHMELING JARED & TAMARA		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AAM177		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAM177		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AAM177		

J45
NNE **WI WELLS** **WI8000000700743**
1/4 - 1/2 Mile
Higher

WELLS:

Well Number:	8KS778	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS778		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS778		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS778		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J46
NNE | **WI WELLS** | **WI8000000807730**
1/4 - 1/2 Mile
Higher

WELLS:

Well Number:	8KV222	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV222		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV222		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV222		

J47
NNE | **WI WELLS** | **WI8000000807731**
1/4 - 1/2 Mile
Higher

WELLS:

Well Number:	8KV223	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV223		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV223		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV223		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

48
SSE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40001309876**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	WK-07/18E/03-0607	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Quaternary System	Aquifer Type:	Not Reported
Construction Date:	19311201	Well Depth:	69
Well Depth Units:	ft	Well Hole Depth:	69
Well Hole Depth Units:	ft		

J49
NNE
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000575002**

WELLS:

Well Number:	8NN040	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19750129	Construction Year:	1975
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Moran Home Bldrs. Inc.
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NN040		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NN040		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NN040		

K50
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000181433**

WELLS:

Well Number:	IL343	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	394	PWS Name:	Not Reported
Construction Date:	19950921	Construction Year:	1995
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	394

Max Casing Diameter (in):	6	Static Water Level (ft):	94
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	50
Pumping Level (ft):	280	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	VITRANO CHRISTINE
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IL343		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IL343		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IL343		

K51
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000036233**

WELLS:

Well Number:	8KS729	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS729		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS729		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS729		

K52
West
1/4 - 1/2 Mile
Lower

WI WELLS **WI8000000036234**

WELLS:

Well Number:	8KS730	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported

Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS730		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS730		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS730		

L53
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000305427**

WELLS:

Well Number:	MF046	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	405	PWS Name:	Not Reported
Construction Date:	19971107	Construction Year:	1997
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	405	Max Casing Diameter (in):	6
Static Water Level (ft):	86	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	17	Pumping Level (ft):	145
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/MF046		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MF046		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/MF046		

M54
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000719614**

WELLS:

Well Number:	IA424	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	157	PWS Name:	Not Reported
Construction Date:	19941108	Construction Year:	1994
Constructor Name:	PATRICK J LAHR	Casing Depth (ft):	157
Max Casing Diameter (in):	6	Static Water Level (ft):	109
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	50
Pumping Level (ft):	135	HICAP Well Number:	Not Reported

Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	187	Owner:	PURVIS PETER
Inventory Date:	Not Reported	Max Grout Depth (ft):	20
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IA424		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IA424		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IA424		

55
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000711500**

WELLS:

Well Number:	SO028	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	117	PWS Name:	Not Reported
Construction Date:	20040824	Construction Year:	2004
Constructor Name:	EGOFSKE PORTER DRILLING INC		
Casing Depth (ft):	117	Max Casing Diameter (in):	6
Static Water Level (ft):	59	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	80
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	510
Owner:	WEILKE SEAN	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/SO028		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=SO028		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/SO028		

56
East
1/2 - 1 Mile
Lower

WI WELLS **WI8000000035621**

WELLS:

Well Number:	8KS750	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported

Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS750		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS750		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS750		

L57
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000228404**

WELLS:

Well Number:	KO871	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	415	PWS Name:	Not Reported
Construction Date:	19960711	Construction Year:	1996
Constructor Name:	RICHARD L DANECKI		
Casing Depth (ft):	415	Max Casing Diameter (in):	6
Static Water Level (ft):	80	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	30	Pumping Level (ft):	140
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW HOME
Constuction Type:	Drilled	Constructor ID:	124
Owner:	VISIONARY HOMES WIECZOREK		
Inventory Date:	Not Reported	Max Grout Depth (ft):	415
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	WELL IS DOWNSLOPE FROM CONTAMINATION SOURCES WELLHAS 415’ OF CASING		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/KO871		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=KO871		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/KO871		

M58
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000354510**

WELLS:

Well Number:	QT617	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	55	PWS Name:	Not Reported
Construction Date:	20020806	Construction Year:	2002
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	52
Max Casing Diameter (in):	6	Static Water Level (ft):	35
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	20
Pumping Level (ft):	40	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Drilled
Constructor ID:	436	Owner:	STAPLETON BOYD

Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/QT617		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QT617		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/QT617		

N59
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000680635**

WELLS:

Well Number:	HX216	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	268	PWS Name:	Not Reported
Construction Date:	19940715	Construction Year:	1994
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	268
Max Casing Diameter (in):	6	Static Water Level (ft):	91
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	25
Pumping Level (ft):	120	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	MCGHEE PAUL
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HX216		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HX216		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HX216		

N60
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000610083**

WELLS:

Well Number:	HT878	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	419	PWS Name:	Not Reported
Construction Date:	19940614	Construction Year:	1994
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	419	Max Casing Diameter (in):	6
Static Water Level (ft):	80	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	125
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	TIMBERLINE HOMES INC		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0

Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HT878		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HT878		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HT878		

O61
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036499**

WELLS:

Well Number:	8KS761	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS761		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS761		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS761		

O62
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036498**

WELLS:

Well Number:	8KS760	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported

INVT Affiliation:	Not Reported
Comments:	Not Reported
Drinking Water System URL:	Not Reported
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS760
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS760
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS760

O63
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036500**

WELLS:

Well Number:	8KS762	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS762		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS762		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS762		

O64
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036503**

WELLS:

Well Number:	8KS765	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		

Drinking Water System URL:	Not Reported
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS765
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS765
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS765

O65
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036501**

WELLS:

Well Number:	8KS763	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS763		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS763		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS763		

O66
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036497**

WELLS:

Well Number:	8KS759	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS759		

Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS759
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS759

O67
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036493**

WELLS:

Well Number:	8KS755	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS755		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS755		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS755		

O68
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036492**

WELLS:

Well Number:	8KS754	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS754		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS754		

Samples URL: https://apps.dnr.wi.gov/grnext/samples/details/8KS754

O69
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036494**

WELLS:

Well Number:	8KS756	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS756		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS756		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS756		

O70
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036496**

WELLS:

Well Number:	8KS758	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS758		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS758		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS758		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O71
North
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000036495**

WELLS:

Well Number:	8KS757	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS757		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS757		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS757		

O72
North
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000036504**

WELLS:

Well Number:	8KS766	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS766		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS766		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS766		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O73
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036513**

WELLS:

Well Number:	8KS775	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS775		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS775		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS775		

O74
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036512**

WELLS:

Well Number:	8KS774	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS774		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS774		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS774		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O75
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036514**

WELLS:

Well Number:	8KS776	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS776		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS776		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS776		

O76
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000575003**

WELLS:

Well Number:	8NN042	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NN042		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NN042		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NN042		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O77
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036515**

WELLS:

Well Number:	8KS777	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS777		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS777		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS777		

O78
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036511**

WELLS:

Well Number:	8KS773	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS773		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS773		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS773		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O79
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036506**

WELLS:

Well Number:	8KS768	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS768		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS768		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS768		

O80
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036505**

WELLS:

Well Number:	8KS767	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS767		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS767		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS767		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O81
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036507**

WELLS:

Well Number:	8KS769	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS769		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS769		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS769		

O82
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036510**

WELLS:

Well Number:	8KS772	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS772		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS772		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS772		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O83
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036509**

WELLS:

Well Number:	8KS771	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS771		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS771		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS771		

84
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036488**

WELLS:

Well Number:	8KS748	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19780127	Construction Year:	1978
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Valentine Bldrs. Inc.
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS748		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS748		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS748		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P85
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000004177**

WELLS:

Well Number:	PS951	Well Type:	New Well
Well Use:	TRANSIENT NONCOMMUNITY		
Well Status:	Active	Well Depth (ft):	97
PWS Name:	ST ANSKAR EPISCOPAL CHURCH		
Construction Date:	19650517	Construction Year:	1965
Constructor Name:	LEO BERGOF	Casing Depth (ft):	92
Max Casing Diameter (in):	6	Static Water Level (ft):	60
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	15
Pumping Level (ft):	65	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Drilled
Constructor ID:	Not Reported	Owner:	CHERYL MACLEOD
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/161105		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/PS951		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=PS951		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/PS951		

P86
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036232**

WELLS:

Well Number:	PS591	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19680517	Construction Year:	1968
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported		
Owner:	Holy Innocents Episcopal Church		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/PS591		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=PS591		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/PS591		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q87
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036489**

WELLS:

Well Number:	8KS749	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19760126	Construction Year:	1976
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Fredrick Jeske
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS749		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS749		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS749		

R88
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000722862**

WELLS:

Well Number:	NZ318	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	81	PWS Name:	Not Reported
Construction Date:	20000320	Construction Year:	2000
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	78	Max Casing Diameter (in):	6
Static Water Level (ft):	39	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	27	Pumping Level (ft):	65
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	ARROWOOD INC	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/NZ318		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=NZ318		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/NZ318		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q89
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000316913**

WELLS:

Well Number:	ZY936	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	86	PWS Name:	Not Reported
Construction Date:	20190930	Construction Year:	2019
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	82	Max Casing Diameter (in):	6
Static Water Level (ft):	32	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	25	Pumping Level (ft):	70
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	MATTE KEVIN & MELISSA		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ZY936		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ZY936		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ZY936		

R90
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000610024**

WELLS:

Well Number:	HU440	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	86	PWS Name:	Not Reported
Construction Date:	19951118	Construction Year:	1995
Constructor Name:	D @ D DRILLING CO INC		
Casing Depth (ft):	83	Max Casing Diameter (in):	6
Static Water Level (ft):	38	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	49
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONST
Constuction Type:	Drilled	Constructor ID:	119
Owner:	LITTLE MARK	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HU440		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HU440		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HU440		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R91
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000610037**

WELLS:

Well Number:	HU467	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	86	PWS Name:	Not Reported
Construction Date:	19970801	Construction Year:	1997
Constructor Name:	D @ D DRILLING CO INC		
Casing Depth (ft):	83	Max Casing Diameter (in):	6
Static Water Level (ft):	32	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	36
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONST
Constuction Type:	Drilled	Constructor ID:	119
Owner:	MILLER TERRY	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HU467		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HU467		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HU467		

S92
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000692098**

WELLS:

Well Number:	LI482	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	398	PWS Name:	Not Reported
Construction Date:	19961007	Construction Year:	1996
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	398	Max Casing Diameter (in):	6
Static Water Level (ft):	88	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	125
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR NEW HOME
Constuction Type:	Drilled	Constructor ID:	672
Owner:	JOHNS DAN	Inventory Date:	Not Reported
Max Grout Depth (ft):	0	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/LI482		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LI482		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/LI482		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N93
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000227384**

WELLS:

Well Number:	LK006	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	268	PWS Name:	Not Reported
Construction Date:	19961104	Construction Year:	1996
Constructor Name:	MUNICIPAL WELL @ PUMP INC		
Casing Depth (ft):	268	Max Casing Diameter (in):	6
Static Water Level (ft):	80	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	120
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	13
Owner:	ROSS BUILDERS	Inventory Date:	Not Reported
Max Grout Depth (ft):	268	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/LK006		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LK006		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/LK006		

T94
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000471704**

WELLS:

Well Number:	8KM770	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19791010	Construction Year:	1979
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported		
Owner:	Divine Redemer Luthern Church		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM770		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM770		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM770		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S95
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000466263**

WELLS:

Well Number:	GM145	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	114	PWS Name:	Not Reported
Construction Date:	19940414	Construction Year:	1994
Constructor Name:	ROSCHI BROS WELL DRLG @ PUMP INC		
Casing Depth (ft):	111	Max Casing Diameter (in):	6
Static Water Level (ft):	76	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	12	Pumping Level (ft):	88
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	435
Owner:	KJN BUILDERS	Inventory Date:	Not Reported
Max Grout Depth (ft):	111	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/GM145		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=GM145		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/GM145		

S96
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000610253**

WELLS:

Well Number:	HT506	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	132	PWS Name:	Not Reported
Construction Date:	19940721	Construction Year:	1994
Constructor Name:	ROSCHI BROS WELL DRLG @ PUMP INC		
Casing Depth (ft):	129	Max Casing Diameter (in):	6
Static Water Level (ft):	86	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	12	Pumping Level (ft):	95
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONSTRUCTION
Constuction Type:	Drilled	Constructor ID:	435
Owner:	CAMPBELL @ ASSOC		
Inventory Date:	Not Reported	Max Grout Depth (ft):	129
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HT506		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HT506		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HT506		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S97
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000756400**

WELLS:

Well Number:	NB353	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	97	PWS Name:	Not Reported
Construction Date:	19990505	Construction Year:	1999
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	94
Max Casing Diameter (in):	6	Static Water Level (ft):	64
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	30
Pumping Level (ft):	75	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	OUT OF WATER/OLD POINT		
Constuction Type:	Drilled	Constructor ID:	436
Owner:	DAWES HIBBARD MARY		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/NB353		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=NB353		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/NB353		

T98
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000482111**

WELLS:

Well Number:	LK015	Well Type:	Replacement
Well Use:	NONTRANSIENT NONCOMMUNITY		
Well Status:	Active	Well Depth (ft):	136
PWS Name:	DIVINE REDEEMER LUTHERAN SCHOOL & CHURCH		
Construction Date:	19970214	Construction Year:	1997
Constructor Name:	MUNICIPAL WELL @ PUMP INC		
Casing Depth (ft):	121	Max Casing Diameter (in):	8
Static Water Level (ft):	65	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	65	Pumping Level (ft):	90
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW ADDITION
Constuction Type:	Drilled	Constructor ID:	13
Owner:	SETH FLICK	Inventory Date:	Not Reported
Max Grout Depth (ft):	119	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/8909919		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/LK015		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LK015		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/LK015		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R99
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000227589**

WELLS:

Well Number:	ME566	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	89	PWS Name:	Not Reported
Construction Date:	19971223	Construction Year:	1997
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	86
Max Casing Diameter (in):	6	Static Water Level (ft):	35
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	20
Pumping Level (ft):	45	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	BURKHOLZ BUILDERS
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ME566		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ME566		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ME566		

S100
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000708148**

WELLS:

Well Number:	HY640	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	266	PWS Name:	Not Reported
Construction Date:	19940914	Construction Year:	1994
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	266	Max Casing Diameter (in):	6
Static Water Level (ft):	96	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	145
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	SAKES	Inventory Date:	Not Reported
Max Grout Depth (ft):	0	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HY640		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HY640		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HY640		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

101
West
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000680321**

WELLS:

Well Number:	HV594	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	342	PWS Name:	Not Reported
Construction Date:	19950621	Construction Year:	1995
Constructor Name:	RICHARD L DANECKI		
Casing Depth (ft):	342	Max Casing Diameter (in):	6
Static Water Level (ft):	70	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	120
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW HOME
Constuction Type:	Drilled	Constructor ID:	124
Owner:	ROWEN BRENDAN	Inventory Date:	Not Reported
Max Grout Depth (ft):	342	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HV594		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HV594		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HV594		

U102
SW
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000036348**

WELLS:

Well Number:	8KM763	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM763		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM763		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM763		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U103
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036347**

WELLS:

Well Number:	8KM762	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM762		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM762		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM762		

U104
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000471703**

WELLS:

Well Number:	8KM766	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM766		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM766		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM766		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U105
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000407671**

WELLS:

Well Number:	AK613	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	95	PWS Name:	Not Reported
Construction Date:	19891211	Construction Year:	1989
Constructor Name:	MORSE RICHARD		
Casing Depth (ft):	92	Max Casing Diameter (in):	7
Static Water Level (ft):	50	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	50
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER
Constuction Type:	Drilled	Constructor ID:	619
Owner:	TED BAXES	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AK613		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AK613		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AK613		

106
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036502**

WELLS:

Well Number:	8KS764	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19770902	Construction Year:	1977
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Greg Shelby
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS764		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS764		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS764		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V107
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000211921**

WELLS:

Well Number:	WO029	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	120	PWS Name:	Not Reported
Construction Date:	20090515	Construction Year:	2009
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	117	Max Casing Diameter (in):	6
Static Water Level (ft):	50	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	30	Pumping Level (ft):	90
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	OLD WELL SLOW PRODUCER
Constuction Type:	Drilled	Constructor ID:	370
Owner:	WILKEY DICK & SUSAN		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/WO029		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WO029		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/WO029		

V108
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000472437**

WELLS:

Well Number:	GV045	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	WILLIAM COFFOU
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	19960117	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/GV045		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=GV045		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/GV045		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

109
East
1/2 - 1 Mile
Lower

WI WELLS **WI8000000420303**

WELLS:

Well Number:	SS078	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	342	PWS Name:	Not Reported
Construction Date:	20050729	Construction Year:	2005
Constructor Name:	ANHALT WELL DRLG & PUMP INC		
Casing Depth (ft):	342	Max Casing Diameter (in):	6
Static Water Level (ft):	66	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	50	Pumping Level (ft):	100
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	OUT OF WATER
Constuction Type:	Drilled	Constructor ID:	6726
Owner:	SWANTON RANDY	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/SS078		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=SS078		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/SS078		

W110
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000069848**

WELLS:

Well Number:	YQ689	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	398	PWS Name:	Not Reported
Construction Date:	20160712	Construction Year:	2016
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	394	Max Casing Diameter (in):	6
Static Water Level (ft):	107	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	220
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	GRIEBER RUSS	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/YQ689		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=YQ689		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/YQ689		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X111
SSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000700685**

WELLS:

Well Number:	8KM768	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM768		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM768		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM768		

X112
SSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000700686**

WELLS:

Well Number:	8KM769	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM769		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM769		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM769		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X113
SSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000715023**

WELLS:

Well Number:	BM727	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	DAVID MORRIS
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	19880613	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	48	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/BM727		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=BM727		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/BM727		

Y114
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000059007**

WELLS:

Well Number:	DD279	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	108	PWS Name:	Not Reported
Construction Date:	19891219	Construction Year:	1989
Constructor Name:	MORSE RICHARD		
Casing Depth (ft):	105	Max Casing Diameter (in):	7
Static Water Level (ft):	60	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	7	Pumping Level (ft):	60
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER
Constuction Type:	Drilled	Constructor ID:	619
Owner:	TED BARES	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/DD279		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=DD279		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/DD279		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y115
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000471575**

WELLS:

Well Number:	8KO222	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KO222		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KO222		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KO222		

Y116
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000006808**

WELLS:

Well Number:	ET912	Well Type:	New Well
Well Use:	NONTRANSIENT NONCOMMUNITY		
Well Status:	Filled and Sealed		
Well Depth (ft):	Not Reported		
PWS Name:	DIVINE REDEEMER LUTHERAN SCHOOL & CHURCH		
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	SETH FLICK
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/161488		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ET912		
Construction URL:	Not Reported		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ET912		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

117
NNW
1/2 - 1 Mile
Higher

WI WELLS **WI8000000298889**

WELLS:

Well Number:	KX974	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	371	PWS Name:	Not Reported
Construction Date:	19960926	Construction Year:	1996
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	371
Max Casing Diameter (in):	6	Static Water Level (ft):	142
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	50
Pumping Level (ft):	180	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	OUT OF WATER	Constuction Type:	Drilled
Constructor ID:	436	Owner:	QUEBBERMAN ANTHONY
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/KX974		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=KX974		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/KX974		

118
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000191399**

WELLS:

Well Number:	YV372	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	92	PWS Name:	Not Reported
Construction Date:	20171228	Construction Year:	2017
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	88	Max Casing Diameter (in):	6
Static Water Level (ft):	55	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	25	Pumping Level (ft):	80
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	HANSEN KRISTEN	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/YV372		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=YV372		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/YV372		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

119
North
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000471897**

WELLS:

Well Number:	8KS780	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19770822	Construction Year:	1977
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	William Kenyon
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS780		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS780		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS780		

120
WSW
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000317050**

WELLS:

Well Number:	ZF904	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	96	PWS Name:	Not Reported
Construction Date:	20190621	Construction Year:	2019
Constructor Name:	D & D WELL & PUMPS LLC		
Casing Depth (ft):	93	Max Casing Diameter (in):	6
Static Water Level (ft):	57	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	79
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	7181
Owner:	GILMORE BUILDING		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ZF904		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ZF904		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ZF904		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

121
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40001329643**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	USER 2276 7	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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Z122
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000108723**

WELLS:

Well Number:	FC108	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	KEN HEPP
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	19911216	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/FC108		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=FC108		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/FC108		

Z123
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000072937**

WELLS:

Well Number:	XL821	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	314	PWS Name:	Not Reported
Construction Date:	20150210	Construction Year:	2015
Constructor Name:	ANHALT WELL DRLG & PUMP INC		
Casing Depth (ft):	314	Max Casing Diameter (in):	6

Static Water Level (ft):	68	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	50	Pumping Level (ft):	120
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	PIT WELL
Constuction Type:	Drilled	Constructor ID:	6726
Owner:	MORRISON MIKE	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/XL821		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=XL821		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/XL821		

Z124
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000471898**

WELLS:

Well Number:	8KS781	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS781		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS781		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS781		

Z125
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000471896**

WELLS:

Well Number:	8KS779	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported

Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS779		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS779		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS779		

AA126
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036349**

WELLS:

Well Number:	8KM764	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19580601	Construction Year:	1958
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Earl Deloman
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM764		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM764		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM764		

W127
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000195909**

WELLS:

Well Number:	8KS752	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported

Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS752		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS752		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS752		

W128
NNE **WI WELLS** **WI8000000089702**
1/2 - 1 Mile
Lower

WELLS:

Well Number:	8KV225	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV225		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV225		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV225		

W129
NNE **WI WELLS** **WI8000000089701**
1/2 - 1 Mile
Lower

WELLS:

Well Number:	8KV224	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported

Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV224		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV224		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV224		

W130
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000196089**

WELLS:

Well Number:	8KS784	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS784		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS784		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS784		

W131
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000196088**

WELLS:

Well Number:	8KS783	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported

INVT Affiliation:	Not Reported
Comments:	Not Reported
Drinking Water System URL:	Not Reported
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS783
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS783
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS783

W132
NNE **WI WELLS** **WI8000000196087**
1/2 - 1 Mile
Lower

WELLS:

Well Number:	8KS782	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS782		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS782		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS782		

133
SSW **WI WELLS** **WI8000000277125**
1/2 - 1 Mile
Lower

WELLS:

Well Number:	MY478	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	57	PWS Name:	Not Reported
Construction Date:	19990216	Construction Year:	1999
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	54
Max Casing Diameter (in):	6	Static Water Level (ft):	29
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	50
Pumping Level (ft):	40	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	OLD POINT	Constuction Type:	Drilled
Constructor ID:	436	Owner:	NELSON JOHN
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		

Drinking Water System URL:	Not Reported
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/MY478
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=MY478
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/MY478

Z134
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000226999**

WELLS:

Well Number:	CD863	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	233	PWS Name:	Not Reported
Construction Date:	19890307	Construction Year:	1989
Constructor Name:	HARTMAN MICHAEL		
Casing Depth (ft):	233	Max Casing Diameter (in):	7
Static Water Level (ft):	80	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	10	Pumping Level (ft):	90
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	HOME
Constuction Type:	Drilled	Constructor ID:	436
Owner:	WOLTER BROS BUILDERS		
Inventory Date:	Not Reported	Max Grout Depth (ft):	5
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/CD863		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=CD863		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/CD863		

Z135
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036508**

WELLS:

Well Number:	8KS770	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19770510	Construction Year:	1977
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Colonial Realty
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		

Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS770
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS770
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS770

AA136
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000644673**

WELLS:

Well Number:	IJ202	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	96	PWS Name:	Not Reported
Construction Date:	19950503	Construction Year:	1995
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	93
Max Casing Diameter (in):	6	Static Water Level (ft):	60
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	40
Pumping Level (ft):	70	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW CONSTRUCTION		
Constuction Type:	Drilled	Constructor ID:	436
Owner:	F @ F BUILDERS	Inventory Date:	Not Reported
Max Grout Depth (ft):	0	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/IJ202		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=IJ202		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/IJ202		

AB137
NW
1/2 - 1 Mile
Higher

WI WELLS **WI8000000036484**

WELLS:

Well Number:	8KS742	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS742		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS742		

Samples URL: https://apps.dnr.wi.gov/grnext/samples/details/8KS742

AB138
NW
1/2 - 1 Mile
Higher

WI WELLS **WI8000000036485**

WELLS:

Well Number:	8KS743	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS743		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS743		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS743		

AB139
NW
1/2 - 1 Mile
Higher

WI WELLS **WI8000000036486**

WELLS:

Well Number:	8KS744	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS744		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS744		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS744		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC140
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000002214**

WELLS:

Well Number:	HU412	Well Type:	New Well
Well Use:	OTHER-THAN-MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	167
PWS Name:	COUNTRY AIRE CONDOS 4887		
Construction Date:	19970127	Construction Year:	1997
Constructor Name:	D @ D DRILLING CO INC		
Casing Depth (ft):	161	Max Casing Diameter (in):	10
Static Water Level (ft):	91	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	60	Pumping Level (ft):	103
HICAP Well Number:	2048	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONST
Constuction Type:	Drilled	Constructor ID:	119
Owner:	WAYNE GRABOWSKA	Inventory Date:	Not Reported
Max Grout Depth (ft):	62	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/8805520		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HU412		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HU412		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HU412		

AC141
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000005940**

WELLS:

Well Number:	HU483	Well Type:	New Well
Well Use:	OTHER-THAN-MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	155
PWS Name:	COUNTRY AIRE CONDOS 4835		
Construction Date:	19960710	Construction Year:	1996
Constructor Name:	D @ D DRILLING CO INC		
Casing Depth (ft):	149	Max Casing Diameter (in):	6
Static Water Level (ft):	99	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	60	Pumping Level (ft):	110
HICAP Well Number:	2279	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	119
Owner:	WAYNE GRABOWSKA	Inventory Date:	Not Reported
Max Grout Depth (ft):	62	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/8805518		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HU483		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HU483		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HU483		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC142
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000001095**

WELLS:

Well Number:	HU492	Well Type:	New Well
Well Use:	OTHER-THAN-MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	164
PWS Name:	COUNTRY AIRE CONDOS 4875		
Construction Date:	19970515	Construction Year:	1997
Constructor Name:	D & D DRILLING CO INC		
Casing Depth (ft):	158	Max Casing Diameter (in):	10
Static Water Level (ft):	102	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	60	Pumping Level (ft):	143
HICAP Well Number:	2321	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONST
Constuction Type:	Drilled	Constructor ID:	119
Owner:	WAYNE GRABOWSKA	Inventory Date:	Not Reported
Max Grout Depth (ft):	62	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/9118544		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HU492		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HU492		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HU492		

AC143
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000001646**

WELLS:

Well Number:	FX369	Well Type:	New Well
Well Use:	OTHER-THAN-MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	120
PWS Name:	COUNTRY AIRE APARTMENTS 3		
Construction Date:	19681010	Construction Year:	1968
Constructor Name:	AQUA WELL & PUMP SYSTEMS INC		
Casing Depth (ft):	106	Max Casing Diameter (in):	10
Static Water Level (ft):	87	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	60	Pumping Level (ft):	88.5
HICAP Well Number:	88024	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	427
Owner:	Not Reported	Inventory Date:	Not Reported
Max Grout Depth (ft):	20	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/160735		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/FX369		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=FX369		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/FX369		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC144
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000009912**

WELLS:

Well Number:	HU404	Well Type:	New Well
Well Use:	OTHER-THAN-MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	161
PWS Name:	COUNTRY AIRE CONDOS 4863		
Construction Date:	19970606	Construction Year:	1997
Constructor Name:	D & D DRILLING CO INC		
Casing Depth (ft):	155	Max Casing Diameter (in):	10
Static Water Level (ft):	98	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	40	Pumping Level (ft):	130
HICAP Well Number:	2322	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONST
Constuction Type:	Drilled	Constructor ID:	119
Owner:	Not Reported	Inventory Date:	Not Reported
Max Grout Depth (ft):	62	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	THE WELL WAS APPROVED TO SERVE AN OTM COMMUNITY PUBLIC WATER SYSTEM BUT CURRENTLY		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/10716363		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HU404		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HU404		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HU404		

AC145
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000717484**

WELLS:

Well Number:	BH396	Well Type:	New Well
Well Use:	MUNICIPAL COMMUNITY		
Well Status:	Filled and Sealed		
Well Depth (ft):	Not Reported	PWS Name:	HARTLAND WATERWORKS
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	DARLENE IGL
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/160644		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/BH396		
Construction URL:	Not Reported		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/BH396		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC146
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000782184**

WELLS:

Well Number:	BH398	Well Type:	New Well
Well Use:	MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	125
PWS Name:	HARTLAND WATERWORKS		
Construction Date:	19731018	Construction Year:	1973
Constructor Name:	MILLER WELL AND PUMP		
Casing Depth (ft):	95	Max Casing Diameter (in):	36
Static Water Level (ft):	33	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	1500	Pumping Level (ft):	78
HICAP Well Number:	88131	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	208
Owner:	DARLENE IGL	Inventory Date:	Not Reported
Max Grout Depth (ft):	75	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/160646		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/BH398		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=BH398		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/BH398		

AC147
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000056967**

WELLS:

Well Number:	FX368	Well Type:	New Well
Well Use:	OTHER-THAN-MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	500
PWS Name:	COUNTRY AIRE APARTMENTS 2		
Construction Date:	19650715	Construction Year:	1965
Constructor Name:	HENRY LENTZ	Casing Depth (ft):	433
Max Casing Diameter (in):	7	Static Water Level (ft):	100
First Bedrock (ft):	433	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	100	HICAP Well Number:	88023
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Drilled
Constructor ID:	589	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	20
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/160734		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/FX368		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=FX368		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/FX368		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC148
SSE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000114708**

WELLS:

Well Number:	HU476	Well Type:	New Well
Well Use:	OTHER-THAN-MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	162
PWS Name:	COUNTRY AIRE CONDOS 4821		
Construction Date:	19960520	Construction Year:	1996
Constructor Name:	D @ D DRILLING CO INC		
Casing Depth (ft):	155	Max Casing Diameter (in):	6
Static Water Level (ft):	84	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	60	Pumping Level (ft):	92
HICAP Well Number:	2068	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW CONST
Constuction Type:	Drilled	Constructor ID:	119
Owner:	WAYNE GRABOWSKA	Inventory Date:	Not Reported
Max Grout Depth (ft):	61	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/7905071		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/HU476		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=HU476		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/HU476		

149
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000209882**

WELLS:

Well Number:	ZO238	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	242	PWS Name:	Not Reported
Construction Date:	20211029	Construction Year:	2021
Constructor Name:	D & D WELL & PUMPS LLC		
Casing Depth (ft):	242	Max Casing Diameter (in):	6
Static Water Level (ft):	37	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	25	Pumping Level (ft):	75
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	7181
Owner:	BUB WARREN	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ZO238		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ZO238		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ZO238		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

150
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000471702**

WELLS:

Well Number:	8KM765	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19711105	Construction Year:	1971
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Redi-Gas
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM765		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM765		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM765		

AD151
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036711**

WELLS:

Well Number:	8KS788	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS788		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS788		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS788		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD152
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036712**

WELLS:

Well Number:	8KS789	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS789		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS789		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS789		

AD153
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036708**

WELLS:

Well Number:	8KS785	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS785		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS785		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS785		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD154
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036710**

WELLS:

Well Number:	8KS787	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS787		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS787		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS787		

AD155
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036716**

WELLS:

Well Number:	8KS793	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS793		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS793		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS793		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD156
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036717**

WELLS:

Well Number:	8KS794	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS794		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS794		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS794		

AD157
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036713**

WELLS:

Well Number:	8KS790	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS790		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS790		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS790		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD158
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036715**

WELLS:

Well Number:	8KS792	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS792		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS792		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS792		

AE159
NNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000195908**

WELLS:

Well Number:	8KS746	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS746		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS746		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS746		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AE160
NNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000660927**

WELLS:

Well Number:	WP335	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	240	PWS Name:	Not Reported
Construction Date:	20091202	Construction Year:	2009
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	237	Max Casing Diameter (in):	6
Static Water Level (ft):	132	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	35	Pumping Level (ft):	189
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	KOZINA CHRISTOPHER & RACHEL		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	DRILLED VIA DUAL ROTARY		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/WP335		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WP335		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/WP335		

AF161
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000414529**

WELLS:

Well Number:	WW707	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	81	PWS Name:	Not Reported
Construction Date:	20120104	Construction Year:	2012
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	78	Max Casing Diameter (in):	6
Static Water Level (ft):	28	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	45
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	TW82	Replacement Reason:	NO WATER
Constuction Type:	Drilled	Constructor ID:	672
Owner:	EHN NICHOLE	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/WW707		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WW707		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/WW707		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF162
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000700828**

WELLS:

Well Number:	8KS795	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS795		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS795		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS795		

AF163
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000725632**

WELLS:

Well Number:	NM719	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	120	PWS Name:	Not Reported
Construction Date:	19991130	Construction Year:	1999
Constructor Name:	RICHARD L DANECKI		
Casing Depth (ft):	116	Max Casing Diameter (in):	6
Static Water Level (ft):	60	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	12	Pumping Level (ft):	100
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	124
Owner:	TERONDE JAMES	Inventory Date:	Not Reported
Max Grout Depth (ft):	116	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/NM719		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=NM719		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/NM719		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AG164
North
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000058981**

WELLS:

Well Number:	FQ986	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	235	PWS Name:	Not Reported
Construction Date:	19930225	Construction Year:	1993
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	235
Max Casing Diameter (in):	6	Static Water Level (ft):	62
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	25
Pumping Level (ft):	100	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	HOME	Constuction Type:	Drilled
Constructor ID:	436	Owner:	D @ P CUSTOM BUILDERS
Inventory Date:	Not Reported	Max Grout Depth (ft):	11
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/FQ986		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=FQ986		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/FQ986		

165
NNE
1/2 - 1 Mile
Lower | **WI WELLS** | **WI8000000690947**

WELLS:

Well Number:	QY430	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	51	PWS Name:	Not Reported
Construction Date:	20020903	Construction Year:	2002
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	48
Max Casing Diameter (in):	6	Static Water Level (ft):	30
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	15
Pumping Level (ft):	38	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	NEW HOME	Constuction Type:	Drilled
Constructor ID:	436		
Owner:	MIRACLE HOMES ALLEN PALLIN &		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/QY430		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=QY430		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/QY430		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AH166
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036235**

WELLS:

Well Number:	8KS731	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS731		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS731		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS731		

AH167
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036231**

WELLS:

Well Number:	8KS725	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS725		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS725		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS725		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AH168
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000184772**

WELLS:

Well Number:	8KV219	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV219		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV219		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV219		

AH169
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000184646**

WELLS:

Well Number:	8KS733	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS733		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS733		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS733		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AI170
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036491**

WELLS:

Well Number:	8KS753	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19790808	Construction Year:	1979
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Daniel Kaczmarek
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS753		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS753		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS753		

AJ171
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000275193**

WELLS:

Well Number:	8KM767	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM767		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM767		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM767		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ172
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000466382**

WELLS:

Well Number:	GL876	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	520	PWS Name:	Not Reported
Construction Date:	19930820	Construction Year:	1993
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	437	Max Casing Diameter (in):	6
Static Water Level (ft):	80	First Bedrock (ft):	437
Pumping Rate (gpm):	20	Pumping Level (ft):	285
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A DUPLEX
Constuction Type:	Drilled	Constructor ID:	672
Owner:	FLANNICK PAT	Inventory Date:	Not Reported
Max Grout Depth (ft):	0	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/GL876		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=GL876		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/GL876		

AK173
South
1/2 - 1 Mile
Lower

WI WELLS **WI8000000195859**

WELLS:

Well Number:	8KM752	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM752		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM752		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM752		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AI174
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000720627**

WELLS:

Well Number:	8KS508	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19730723	Construction Year:	1973
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	ABC Gurda Co.
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS508		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS508		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS508		

175
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40001329646**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	PERM 65604	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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AG176
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000243567**

WELLS:

Well Number:	8KV163	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19800111	Construction Year:	1980
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported

First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Tom Alles
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV163		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV163		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV163		

AF177
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000271640**

WELLS:

Well Number:	TW082	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Filled and Sealed
Well Depth (ft):	70	PWS Name:	Not Reported
Construction Date:	20061205	Construction Year:	2006
Constructor Name:	MICHAEL G HARTMAN		
Casing Depth (ft):	67	Max Casing Diameter (in):	6
Static Water Level (ft):	28	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	40
HICAP Well Number:	Not Reported	Replacement Well #:	WW707
Previous Well #:	Not Reported	Replacement Reason:	NEW HOME
Constuction Type:	Drilled	Constructor ID:	436
Owner:	EHN NICHOLE	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	SEPTIC/SEWER NOT IN		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/TW082		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=TW082		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/TW082		

AK178
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40001309851**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	WK-07/18E/03-1104	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	142	Well Depth Units:	ft
Well Hole Depth:	142	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1973-10-18
Feet below surface:	33.00	Feet to sea level:	Not Reported
Note:	Not Reported		

AK179
SSE **FED USGS** **USGS40001329641**
1/2 - 1 Mile
Lower

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	USER 2276 6	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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180
North **WI WELLS** **WI8000000652618**
1/2 - 1 Mile
Lower

WELLS:

Well Number:	8KV165	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19801201	Construction Year:	1980
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	John Friend
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV165		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV165		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV165		

AG181
North **WI WELLS** **WI8000000749411**
1/2 - 1 Mile
Lower

WELLS:

Well Number:	ZS734	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	343	PWS Name:	Not Reported

Construction Date:	20180813	Construction Year:	2018
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	343	Max Casing Diameter (in):	6
Static Water Level (ft):	86	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	45	Pumping Level (ft):	145
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	UN	Replacement Reason:	OLD WELL - NO WATER
Constuction Type:	Drilled	Constructor ID:	672
Owner:	4-D WATER / ZWIEG		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ZS734		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ZS734		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ZS734		

182
ESE
1/2 - 1 Mile
Lower

FRDS PWS **WI2680759**

Epa region:	05	State:	WI
Pwsid:	WI2680759	Pwsname:	WEISSGERBERS SEVEN SEAS
Cityserved:	Not Reported	Stateserved:	WI
Zipserved:	Not Reported	Fipscounty:	55133
Status:	Active	Retpopsrvd:	84
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	Not Reported	Contactorgname:	WEISSGERBER, JACOB
Contactphone:	Not Reported	Contactaddress1:	1807 NAGAWICKA RD
Contactaddress2:	Not Reported	Contactcity:	HARTLAND
Contactstate:	WI	Contactzip:	53029-9397
Pwsactivitycode:	A		

Pwsid:	WI2680759	Facid:	2T
Facname:	TK575	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	softening (hardness removal)
Trtprocess:	ion exchange	Factypecode:	TP

PWS ID:	WI2680759	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	WEISSGERBERS SEVEN SEAS
PWS type code:	NC	Retail population served:	84
Contact:	1807 NAGAWICKA RD	Contact address:	HARTLAND
Contact address:	WI	Contact city:	53029-9397
Contact state:	Not Reported	Contact zip:	Not Reported
Contact telephone:	Not Reported		

PWS ID:	WI2680759	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000080	System name:	WEISSGERBERS SEVEN SEAS
System address:	Not Reported	System city:	HARTLAND
System state:	WI	System zip:	53029

Population served:	Under 101 Persons	Treatment:	Untreated

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	430618	Longitude:	0882030
Violation id:	0200003	Orig code:	S
State:	WI	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2001
Cmp edt:	11/30/2001		
Violation id:	0200004	Orig code:	S
State:	WI	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2001
Cmp edt:	12/31/2001		
Violation id:	0200008	Orig code:	S
State:	WI	Violation Year:	2002
Contamination code:	1038	Contamination Name:	Nitrate-Nitrite
Violation code:	02	Violation name:	MCL, Average
Rule code:	331	Rule name:	Nitrates
Violation measur:	18.1	Unit of measure:	Not Reported
State mcl:	10.5	Cmp bdt:	01/01/2002
Cmp edt:	12/31/2002		
Violation id:	0600011	Orig code:	S
State:	WI	Violation Year:	2006
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2006
Cmp edt:	07/31/2006		
Violation ID:	0200003	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	03/11/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0200004	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	04/30/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	03/26/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	07/21/2003
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/18/2006
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/18/2006
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	06/07/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	09/14/2005
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	03/16/2004
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	07/02/2003
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	03/26/2002
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0200008	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	03/16/2004
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	0600011	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	08/10/2006
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0600011	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	08/01/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	0600011	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/31/2006
Enforcement Detail:	St Public Notif issued	Enforcement Category:	Informal
Violation ID:	0600011	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/28/2006
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0600011	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/28/2006
Enforcement Detail:	St Boil Water Order	Enforcement Category:	Informal
Violation ID:	0600011	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/28/2006
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200003
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	11/1/2001 0:00:00	Compliance end date:	11/30/2001 0:00:00
Enforcement date:	3/11/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200004
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)

Compliance start date:	12/1/2001 0:00:00	Compliance end date:	12/31/2001 0:00:00
Enforcement date:	4/30/2002 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	3/16/2004 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	3/16/2004 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	3/26/2002 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	3/26/2002 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	6/7/2006 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	7/18/2006 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	7/2/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008
Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	7/21/2003 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0200008

Contaminant:	NITRATE-NITRITE	Violation type:	2
Compliance start date:	1/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	9/14/2005 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	18.1		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0600011
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	7/31/2006 0:00:00
Enforcement date:	7/28/2006 0:00:00	Enforcement action:	State Boil Water Order
Violation measurement:	Not Reported		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0600011
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	7/31/2006 0:00:00
Enforcement date:	7/28/2006 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0600011
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	7/31/2006 0:00:00
Enforcement date:	7/28/2006 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0600011
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	7/31/2006 0:00:00
Enforcement date:	7/31/2006 0:00:00	Enforcement action:	State Public Notif Issued
Violation measurement:	Not Reported		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0600011
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	7/31/2006 0:00:00
Enforcement date:	8/1/2006 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

PWS name:	WEISSGERBERS SEVEN SEAS	Population served:	84
PWS type code:	NC	Violation ID:	0600011
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	7/31/2006 0:00:00
Enforcement date:	8/10/2006 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

183
West
1/2 - 1 Mile
Lower

WI WELLS **WI8000000791561**

WELLS:

Well Number:	XI944	Well Type:	New Well

Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	75	PWS Name:	Not Reported
Construction Date:	20141024	Construction Year:	2014
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	69	Max Casing Diameter (in):	6
Static Water Level (ft):	37	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	30	Pumping Level (ft):	60
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	SKELTON TED & KATHRYN		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/XI944		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=XI944		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/XI944		

AL184
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000652223**

WELLS:

Well Number:	KX900	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	73	PWS Name:	Not Reported
Construction Date:	19960809	Construction Year:	1996
Constructor Name:	MICHAEL HARTMAN	Casing Depth (ft):	70
Max Casing Diameter (in):	6	Static Water Level (ft):	40
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	20
Pumping Level (ft):	50	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	BROKEN CASING	Constuction Type:	Drilled
Constructor ID:	436	Owner:	BORKOWSKI TED
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/KX900		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=KX900		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/KX900		

AM185
SSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000120392**

WELLS:

Well Number:	EF774	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active

Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	JOHN NELSON
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	19910820	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/EF774		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=EF774		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/EF774		

AM186
SSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000195860**

WELLS:

Well Number:	8KM760	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM760		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM760		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM760		

187
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000500985**

WELLS:

Well Number:	AY867	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	374	PWS Name:	Not Reported
Construction Date:	19890602	Construction Year:	1989

Constructor Name:	ROSCHI BROS WELL DRLG @ PUMP INC		
Casing Depth (ft):	374	Max Casing Diameter (in):	6
Static Water Level (ft):	73	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	12	Pumping Level (ft):	90
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW HOUSE
Constuction Type:	Drilled	Constructor ID:	435
Owner:	CRAIG REINDERS	Inventory Date:	Not Reported
Max Grout Depth (ft):	374	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AY867		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AY867		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AY867		

188
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000644353**

WELLS:

Well Number:	8KS512	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19550901	Construction Year:	1955
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Dale Vick
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS512		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS512		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS512		

AL189
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036709**

WELLS:

Well Number:	8KS786	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19780228	Construction Year:	1978
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported

First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	James Bastian
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS786		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS786		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS786		

190
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40001309855**

Organization ID:	USGS-WI	Organization Name:	USGS Wisconsin Water Science Center
Monitor Location:	WK-07/18E/03-1244	Type:	Well
Description:	Not Reported	HUC:	07090001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	140	Well Depth Units:	ft
Well Hole Depth:	140	Well Hole Depth Units:	ft

191
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000186730**

WELLS:

Well Number:	8NM189	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NM189		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NM189		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NM189		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

192
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000754748**

WELLS:

Well Number:	VC841	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	100	PWS Name:	Not Reported
Construction Date:	20100304	Construction Year:	2010
Constructor Name:	GROTH WATER WELLS INC		
Casing Depth (ft):	100	Max Casing Diameter (in):	6
Static Water Level (ft):	35	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	55
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	639
Owner:	WAGNER ROBERT & JO ANN		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/VC841		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=VC841		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/VC841		

AN193
NNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000202352**

WELLS:

Well Number:	XI816	Well Type:	New Well
Well Use:	LOOP	Well Status:	Active
Well Depth (ft):	200	PWS Name:	Not Reported
Construction Date:	20140926	Construction Year:	2014
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	200	Max Casing Diameter (in):	1
Static Water Level (ft):	1	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	1	Pumping Level (ft):	1
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	FIVE (5) GEO BORE HOLES
Constuction Type:	Drilled	Constructor ID:	370
Owner:	VILLAGE OF CHENEQUA		
Inventory Date:	Not Reported	Max Grout Depth (ft):	200
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	GROUT IS TOTAL FOR PROJECT		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/XI816		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=XI816		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/XI816		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AN194
NNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000301860**

WELLS:

Well Number:	XI753	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	138	PWS Name:	Not Reported
Construction Date:	20140910	Construction Year:	2014
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	135	Max Casing Diameter (in):	6
Static Water Level (ft):	46	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	30	Pumping Level (ft):	110
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	VILLAGE OF CHENEQUA		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/XI753		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=XI753		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/XI753		

AN195
NNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000089700**

WELLS:

Well Number:	8KV221	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19800701	Construction Year:	1980
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Dennis Rasmussen
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV221		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV221		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV221		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AO196
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000644354**

WELLS:

Well Number:	8KS513	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19741226	Construction Year:	1974
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	R. E. Flanagian
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS513		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS513		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS513		

197
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000622321**

WELLS:

Well Number:	8NN044	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NN044		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NN044		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NN044		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AP198
NW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000192769**

WELLS:

Well Number:	LU726	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	281	PWS Name:	Not Reported
Construction Date:	19970318	Construction Year:	1997
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	281	Max Casing Diameter (in):	6
Static Water Level (ft):	120	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	165
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR NEW HOME
Constuction Type:	Drilled	Constructor ID:	672
Owner:	BURT REISH BLDRS HOPPE MARK		
Inventory Date:	Not Reported	Max Grout Depth (ft):	0
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/LU726		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=LU726		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/LU726		

AP199
NW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000058349**

WELLS:

Well Number:	GE981	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	283	PWS Name:	Not Reported
Construction Date:	19930610	Construction Year:	1993
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	280	Max Casing Diameter (in):	96
Static Water Level (ft):	129	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	165
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR A NEW HO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	FRANK MEIER	Inventory Date:	Not Reported
Max Grout Depth (ft):	0	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/GE981		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=GE981		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/GE981		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AP200
NW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000471759**

WELLS:

Well Number:	8KS745	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS745		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS745		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS745		

AP201
NW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000736375**

WELLS:

Well Number:	SU541	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	38	PWS Name:	Not Reported
Construction Date:	20051228	Construction Year:	2005
Constructor Name:	LAHR WELL DRLG & PUMP SERV INC		
Casing Depth (ft):	38	Max Casing Diameter (in):	6
Static Water Level (ft):	10	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	30
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NOT TO CODE
Constuction Type:	Drilled	Constructor ID:	6601
Owner:	LUDWIG	Inventory Date:	Not Reported
Max Grout Depth (ft):	20	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/SU541		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=SU541		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/SU541		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AP202
NW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000622319**

WELLS:

Well Number:	8NN036	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NN036		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NN036		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NN036		

AQ203
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000290882**

WELLS:

Well Number:	YJ246	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	60	PWS Name:	Not Reported
Construction Date:	20130523	Construction Year:	2013
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	57	Max Casing Diameter (in):	6
Static Water Level (ft):	16	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	50
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	FEDERAL NATIONAL MORTGAGE ASSOC		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/YJ246		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=YJ246		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/YJ246		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

204
WSW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000269140**

WELLS:

Well Number:	ZS993	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	77	PWS Name:	Not Reported
Construction Date:	20180926	Construction Year:	2018
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	71	Max Casing Diameter (in):	6
Static Water Level (ft):	30	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	35	Pumping Level (ft):	60
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	BROWN BRUCE & KATHY		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/ZS993		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=ZS993		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/ZS993		

205
NNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000705023**

WELLS:

Well Number:	PS973	Well Type:	New Well
Well Use:	TRANSIENT NONCOMMUNITY		
Well Status:	Active	Well Depth (ft):	202
PWS Name:	CHENEQUA VILLAGE HALL		
Construction Date:	19791214	Construction Year:	1979
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	202	Max Casing Diameter (in):	6
Static Water Level (ft):	61	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	15	Pumping Level (ft):	85
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	672
Owner:	Not Reported	Inventory Date:	Not Reported
Max Grout Depth (ft):	202	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/161427		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/PS973		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=PS973		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/PS973		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AQ206
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000417042**

WELLS:

Well Number:	8KV230	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19871207	Construction Year:	1987
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Gary Weber
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV230		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV230		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV230		

AR207
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000243568**

WELLS:

Well Number:	8KV164	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV164		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV164		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV164		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR208
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000720626**

WELLS:

Well Number:	8KS507	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS507		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS507		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS507		

209
South
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036340**

WELLS:

Well Number:	8KM751	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM751		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM751		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM751		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR210
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000250824**

WELLS:

Well Number:	DV169	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	210	PWS Name:	Not Reported
Construction Date:	19910823	Construction Year:	1991
Constructor Name:	PATRICK J LAHR	Casing Depth (ft):	210
Max Casing Diameter (in):	6	Static Water Level (ft):	25
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	30
Pumping Level (ft):	100	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	EXISTING WELL NOT PRODUCI		
Constuction Type:	Drilled	Constructor ID:	187
Owner:	PATRICK SHEEDY	Inventory Date:	Not Reported
Max Grout Depth (ft):	20	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/DV169		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=DV169		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/DV169		

211
ESE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000275192**

WELLS:

Well Number:	8KM746	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19550801	Construction Year:	1955
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Hartland Plastics
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM746		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM746		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM746		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AS212
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000089703**

WELLS:

Well Number:	8KV226	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KV226		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KV226		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KV226		

AS213
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000121348**

WELLS:

Well Number:	CO920	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	71	PWS Name:	Not Reported
Construction Date:	19900621	Construction Year:	1990
Constructor Name:	LAHR PATRICK J		
Casing Depth (ft):	71	Max Casing Diameter (in):	6
Static Water Level (ft):	20	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	45	Pumping Level (ft):	60
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW HOME
Constuction Type:	Drilled	Constructor ID:	187
Owner:	BILL TSLER	Inventory Date:	Not Reported
Max Grout Depth (ft):	20	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/CO920		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=CO920		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/CO920		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AS214
NE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000390224**

WELLS:

Well Number:	OT254	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	64	PWS Name:	Not Reported
Construction Date:	20010817	Construction Year:	2001
Constructor Name:	KENNETH R SWEENEY		
Casing Depth (ft):	64	Max Casing Diameter (in):	6
Static Water Level (ft):	26	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	20	Pumping Level (ft):	45
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	583
Owner:	CHRIST SCIENTIST CHURCH		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/OT254		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=OT254		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/OT254		

AO215
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000644351**

WELLS:

Well Number:	8KS510	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS510		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS510		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS510		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AO216
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000562164**

WELLS:

Well Number:	CT377	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	382	PWS Name:	Not Reported
Construction Date:	19900305	Construction Year:	1990
Constructor Name:	HARTMAN MICHAEL		
Casing Depth (ft):	378	Max Casing Diameter (in):	6
Static Water Level (ft):	40	First Bedrock (ft):	378
Pumping Rate (gpm):	15	Pumping Level (ft):	90
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	LOW YIELD ON OLD WELL
Constuction Type:	Drilled	Constructor ID:	436
Owner:	TOM GABEL	Inventory Date:	Not Reported
Max Grout Depth (ft):	10	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/CT377		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=CT377		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/CT377		

AO217
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000644355**

WELLS:

Well Number:	8KS514	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS514		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS514		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS514		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AO218
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000644352**

WELLS:

Well Number:	8KS511	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS511		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS511		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS511		

AO219
NNE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000644350**

WELLS:

Well Number:	8KS509	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	19781023	Construction Year:	1978
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Schmid Bros.
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KS509		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KS509		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KS509		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

220
NNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000261677**

WELLS:

Well Number:	SP698	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	620	PWS Name:	Not Reported
Construction Date:	20041116	Construction Year:	2004
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	236	Max Casing Diameter (in):	6
Static Water Level (ft):	140	First Bedrock (ft):	236
Pumping Rate (gpm):	30	Pumping Level (ft):	400
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	672
Owner:	REGENCY BUILDERS PANOS		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	SEPTIC/SEWER NOT DONE		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/SP698		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=SP698		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/SP698		

221
North
1/2 - 1 Mile
Lower

WI WELLS **WI8000000747041**

WELLS:

Well Number:	NV742	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	61	PWS Name:	Not Reported
Construction Date:	20000104	Construction Year:	2000
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	58	Max Casing Diameter (in):	6
Static Water Level (ft):	26	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	25	Pumping Level (ft):	45
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	REPLACING OLD WELL DUE TO
Constuction Type:	Drilled	Constructor ID:	672
Owner:	MODERN DESIGNS MARX REBECCA		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/NV742		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=NV742		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/NV742		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AT222
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000318614**

WELLS:

Well Number:	AJ614	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	329	PWS Name:	Not Reported
Construction Date:	19881206	Construction Year:	1988
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	329	Max Casing Diameter (in):	6
Static Water Level (ft):	34	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	40	Pumping Level (ft):	120
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	WATER SUPPLY FOR NEW HOME
Constuction Type:	Drilled	Constructor ID:	672
Owner:	GENRICH BLDR: JOE LUTERBACH		
Inventory Date:	Not Reported	Max Grout Depth (ft):	329
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AJ614		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AJ614		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AJ614		

AT223
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000491695**

WELLS:

Well Number:	8NN034	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8NN034		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8NN034		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8NN034		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AT224
WNW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000239776**

WELLS:

Well Number:	UM848	Well Type:	Replacement
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	460	PWS Name:	Not Reported
Construction Date:	20071221	Construction Year:	2007
Constructor Name:	HERR WELL DRILLING INC		
Casing Depth (ft):	329	Max Casing Diameter (in):	6
Static Water Level (ft):	79	First Bedrock (ft):	329
Pumping Rate (gpm):	25	Pumping Level (ft):	285
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported		
Replacement Reason:	OLD WELL IN WAY OF ADDITION ON HOME		
Constuction Type:	Drilled	Constructor ID:	672
Owner:	BORUCKI GLENN	Inventory Date:	Not Reported
Max Grout Depth (ft):	Not Reported	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/UM848		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=UM848		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/UM848		

225
NW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000679746**

WELLS:

Well Number:	AAU063	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	82	PWS Name:	Not Reported
Construction Date:	20220910	Construction Year:	2022
Constructor Name:	JOHNSON, DARREN	Casing Depth (ft):	82
Max Casing Diameter (in):	6	Static Water Level (ft):	36
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	20
Pumping Level (ft):	55	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Drilled
Constructor ID:	5694	Owner:	MICHAEL MITCHELL
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AAU063		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AAU063		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AAU063		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

226
ENE
1/2 - 1 Mile
Lower

WI WELLS **WI8000000707499**

WELLS:

Well Number:	AY832	Well Type:	New Well
Well Use:	PRIVATE POTABLE	Well Status:	Active
Well Depth (ft):	72	PWS Name:	Not Reported
Construction Date:	19891010	Construction Year:	1989
Constructor Name:	ROSCHI BROS WELLDRLG AND PUMP IN		
Casing Depth (ft):	69	Max Casing Diameter (in):	6
Static Water Level (ft):	27	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	10	Pumping Level (ft):	36
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	NEW HOUSE
Constuction Type:	Drilled	Constructor ID:	435
Owner:	LUTZOW CONST	Inventory Date:	Not Reported
Max Grout Depth (ft):	69	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/AY832		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=AY832		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/AY832		

AU227
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000062121**

WELLS:

Well Number:	WG763	Well Type:	New Well
Well Use:	MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	220
PWS Name:	DELAFIELD WATERWORKS		
Construction Date:	20060714	Construction Year:	2006
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	190	Max Casing Diameter (in):	24
Static Water Level (ft):	59	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	800	Pumping Level (ft):	170
HICAP Well Number:	68600	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	Not Reported	Inventory Date:	Not Reported
Max Grout Depth (ft):	220	Inventoried Date:	Not Reported
INVT Bedrock Depth (ft):	Not Reported	INVT Well Depth (ft):	Not Reported
INVT by License #:	Not Reported	INVT Affiliation:	Not Reported
Comments:	Not Reported		
Drinking Water System URL:	https://apps.dnr.wi.gov/dwsportalpub/epsource/view/23573281		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/WG763		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WG763		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/WG763		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AU228
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000036345**

WELLS:

Well Number:	8KM757	Well Type:	New Well
Well Use:	Not Reported	Well Status:	Active
Well Depth (ft):	Not Reported	PWS Name:	Not Reported
Construction Date:	Not Reported	Construction Year:	Not Reported
Constructor Name:	Not Reported	Casing Depth (ft):	Not Reported
Max Casing Diameter (in):	Not Reported	Static Water Level (ft):	Not Reported
First Bedrock (ft):	Not Reported	Pumping Rate (gpm):	Not Reported
Pumping Level (ft):	Not Reported	HICAP Well Number:	Not Reported
Replacement Well #:	Not Reported	Previous Well #:	Not Reported
Replacement Reason:	Not Reported	Constuction Type:	Not Reported
Constructor ID:	Not Reported	Owner:	Not Reported
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/8KM757		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=8KM757		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/8KM757		

AU229
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000672482**

WELLS:

Well Number:	WG708	Well Type:	New Well
Well Use:	MUNICIPAL COMMUNITY		
Well Status:	Filled and Sealed		
Well Depth (ft):	198	PWS Name:	Not Reported
Construction Date:	20060504	Construction Year:	2006
Constructor Name:	SAM'S WELL DRILLING INC		
Casing Depth (ft):	192	Max Casing Diameter (in):	6
Static Water Level (ft):	64	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	45	Pumping Level (ft):	168
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Not Reported
Constuction Type:	Drilled	Constructor ID:	370
Owner:	CITY OF DELAFIELD		
Inventory Date:	Not Reported	Max Grout Depth (ft):	Not Reported
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	THIS WELL WAS CONSTRUCTED AS A TEMPORARY WATER SUPPLY WELL FOR USE IN THE CONSTRU CITY WELL NO. 2		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/WG708		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=WG708		

Samples URL: https://apps.dnr.wi.gov/grnext/samples/details/WG708

AU230
SW
1/2 - 1 Mile
Lower

WI WELLS **WI8000000308780**

WELLS:

Well Number:	VK993	Well Type:	New Well
Well Use:	MUNICIPAL COMMUNITY		
Well Status:	Active	Well Depth (ft):	220
PWS Name:	Not Reported	Construction Date:	20051222
Construction Year:	2005	Constructor Name:	LAYNE CHRISTENSEN COMPANY
Casing Depth (ft):	190	Max Casing Diameter (in):	10
Static Water Level (ft):	68	First Bedrock (ft):	Not Reported
Pumping Rate (gpm):	520	Pumping Level (ft):	73
HICAP Well Number:	Not Reported	Replacement Well #:	Not Reported
Previous Well #:	Not Reported	Replacement Reason:	Test Well #1
Constuction Type:	Drilled	Constructor ID:	582
Owner:	DELAFIELD CITY OF		
Inventory Date:	Not Reported	Max Grout Depth (ft):	10
Inventoried Date:	Not Reported	INVT Bedrock Depth (ft):	Not Reported
INVT Well Depth (ft):	Not Reported	INVT by License #:	Not Reported
INVT Affiliation:	Not Reported		
Comments:	Not Reported		
Drinking Water System URL:	Not Reported		
Groundwater Retrieval Network URL:	https://apps.dnr.wi.gov/grnext/wellinventory/details/VK993		
Construction URL:	https://apps.dnr.wi.gov/wellconstructionpub/ReportViewer.aspx?id=WellConstructionReport&download=false&WUWN=VK993		
Samples URL:	https://apps.dnr.wi.gov/grnext/samples/details/VK993		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: WI Radon

Radon Test Results

Num Tests	# 4-10 pCi/L	# > 10 pCi/L	Avg pCi/L	Max pCi/L
722	244	234	11.1	180.0
722	244	234	11.1	180.0

Federal EPA Radon Zone for WAUKESHA County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 53029

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.800 pCi/L	0%	100%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Wisconsin Well Construction Report File
Source: Department of Natural Resources
Telephone: 608-266-0153
In the past, not all latitude/longitudes were accurate. Many were protracted from centroid (center of the quarter sections given in PLSS). The ones that were not accurate were removed from the well database.

OTHER STATE DATABASE INFORMATION

RADON

State Database: WI Radon
Source: Department of Health & Family Services
Telephone: 608-266-1865
Wisconsin Measurement Summary

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX F

WDNR FILES

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL CLEANUP & BROWNFIELDS REDEVELOPMENT
BRRTS ON THE WEB

>> SEARCH >> ACTIVITY

Click the Location Name or FID below to view the Location Details page. If additional Activities are present at this location, they may be accessed from Location Details.

ACTIVITY DETAILS

*** CONTINUING OBLIGATIONS APPLY ***

Continuing obligations apply to one or more properties due to remaining contamination. For information specific to the continuing obligations, review the documentation below. Before constructing or reconstructing a water supply well, you need to contact DNR for approval of well construction specifications.

02-68-557269 HARTLAND SUBSTATION

Status	Activity Type	Jurisdiction
CLOSED	ERP	DNR RR

Location Name	County	DNR Region
HARTLAND SUBSTATION	WAUKESHA	SOUTHEAST

Address	Municipality
670 HILL ST	HEARTLAND

PLSS Description	Latitude (WGS84)	Longitude (WGS84)	Google Maps	RR Sites Map
SE 1/4 of the SW 1/4 of Sec 34, T08N, R18E	43.1059048	-88.3580166	CLICK TO VIEW	CLICK TO VIEW

Additional Activity Details	Acres
	1

Facility ID	PECFA No.	EPA ID	Start Date	End Date
268623190			2011-06-29	2012-06-06

Characteristics

PECFA Funds Eligible	EPA Superfund	EPA NPL Site	Above Ground Petrol Tank	Underground Petrol Tank	Drycleaner	PFAS	Sediments	WI DOT Site

Actions and Documents

Records related to the site are documents that were available at the time the scanned paper or electronic file was uploaded. Records withheld by the department due to confidentiality, attorney-client privilege, and other sensitive records, as well as lab data, may not be included. Additional records associated with the site may or may not be accessible through an open records request through DNR or another state agency (see Jurisdiction above).

Date	Code	Name	File	Comment
2012-06-06	11	Activity Closed		
2012-06-06	232	Continuing Obligation - Residual Soil Contamination		
2012-06-06	56	Continuing Obligation(s) Applied	PDF	AUTO-POPULATED AS REPLACEMENT FOR CODE 50
2012-05-21	79	Case Closure Review Request Received		REC'D 2221033 $750.00
2012-05-21	710	Database Fee Paid for Soil Continuing Obligation(s)		REC'D CK# 2221034 $200.00
2012-05-08	200	Push Action Taken		
2011-09-07	130	DNR Regulatory Reminder Sent	PDF	Vapor Intrusion (VI) Assessment Notification Ltr Sent

	Date	Code	Name	File	Comment
	2011-09-01	35	Site Investigation Workplan (SIWP) Received (non-fee)		
	2011-08-02	99	Miscellaneous		CONSULTANT SELECTED
	2011-07-07	2	Responsible Party (RP) letter sent		
	2011-06-29	1	Notification of Hazardous Substance Discharge		

Substances

Substance	Type	Amt Released	Units
Mineral Oil	Mineral Oil (No PCB or <50ppm)		

Responsible Party

WE ENERGIES 333 W EVERETT ST A231, MILWAUKEE, WI 53203

For More Information on this Activity

Southeast Region Contact: Jenny Meyer jennifer.meyer1@wisconsin.gov

BRRTS data comes from various sources, both internal and external to DNR. There may be omissions and errors in the data and delays in updating new information.

557269 | 02-68-557269

©WISCONSIN DEPARTMENT OF NATURAL RESOURCES | SITE REQUIREMENTS | ACCESSIBILITY | LEGAL | PRIVACY | EMPLOYEE RESOURCES

GIS REGISTRY
Cover Sheet

August 2011
(RR-5367)

Source Property Information

CLOSURE DATE: Jun 6, 2012

BRRTS #: 02-68-557269

FID #: 268623190

ACTIVITY NAME: Hartland Substation

DATCP #:

PROPERTY ADDRESS: 670 Hill St

PECFA#:

MUNICIPALITY: Hartland

PARCEL ID #: 432989

***WTM COORDINATES:**

X: 653607 Y: 293883

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

WTM COORDINATES REPRESENT:

○ Approximate Center Of Contaminant Source

◉ Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

☐ Groundwater Contamination > ES *(236)*

- ☐ Contamination in ROW
- ☐ Off-Source Contamination

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

☒ Soil Contamination > *RCL or **SSRCL *(232)*

- ☐ Contamination in ROW
- ☐ Off-Source Contamination

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

Land Use Controls:

☒ N/A (*Not Applicable*)

☐ Soil: maintain industrial zoning *(220)*

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

☐ Structural Impediment *(224)*

☐ Site Specific Condition *(228)*

☐ Cover or Barrier *(222)*

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

☐ Vapor Mitigation *(226)*

☐ Maintain Liability Exemption *(230)*

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

Monitoring Wells:

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

○ Yes ○ No ◉ N/A

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

RECEIVED
MAY 24 2012
By

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

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

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

BRRTS #: 02-68-557269 *(No Dashes)* PARCEL ID #: 423-989

ACTIVITY NAME: Hartland Substation WTM COORDINATES: X: 653607 Y: 293883

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

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

SOURCE LEGAL DOCUMENTS

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

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

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

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

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

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

  Figure #: 3 **Title: Site Layout Map**
- [X] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 5 **Title: Excavation Map with Post Remedial Sample Locations**

BRRTS #: 02-68-557269 ACTIVITY NAME: Hartland Substation

MAPS (continued)

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

Figure #: 4 **Title: Geologic Cross-Section A-A'**

Figure #: **Title:**

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

Figure #: **Title:**

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

Figure #: **Title:**

Figure #: **Title:**

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

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

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

Table #: 1 **Title: Soil Analytical Data**

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

Table #: **Title:**

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

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

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

☒ **Not Applicable**

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

Figure #: **Title:**

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

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

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

BRRTS #: 02-68-557269 ACTIVITY NAME: Hartland Substation

NOTIFICATIONS

Source Property

☒ **Not Applicable**

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

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

Off-Source Property

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

☒ **Not Applicable**

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

Number of "Off-Source" Letters:

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

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

☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

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

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

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Waukesha Service Center
141 NW Barstow St., Room 180
Waukesha WI 53188

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



June 6, 2012

We Energies
Tiffany Goebel
333 W. Everett St.
Milwaukee, WI 53203

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
We Energies Hartland Substation, 670 Hill St., Hartland, WI
WDNR BRRTS Activity #: 02-68-557269
FID#: 268623190

Dear Ms. Goebel:

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

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Southeast Region Project Manager reviewed the request for closure. The project manager reviewed this environmental remediation case for compliance with state laws and standards.

This site is an existing electric substation containing Diesel Range Organic impacted soils. Approximately 10 tons of soil was removed from under Transformer #6. The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

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

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

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed below for the GIS Registry.

All site information is also on file at the Waukesha Regional DNR office, at 141 NW Barstow St., Room 180, Waukesha, WI 53188. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which the current property owner, and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property.

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

Soil contamination remains under Transformer #6 as indicated on the **attached map**. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

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

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact me at 262-574-2146.

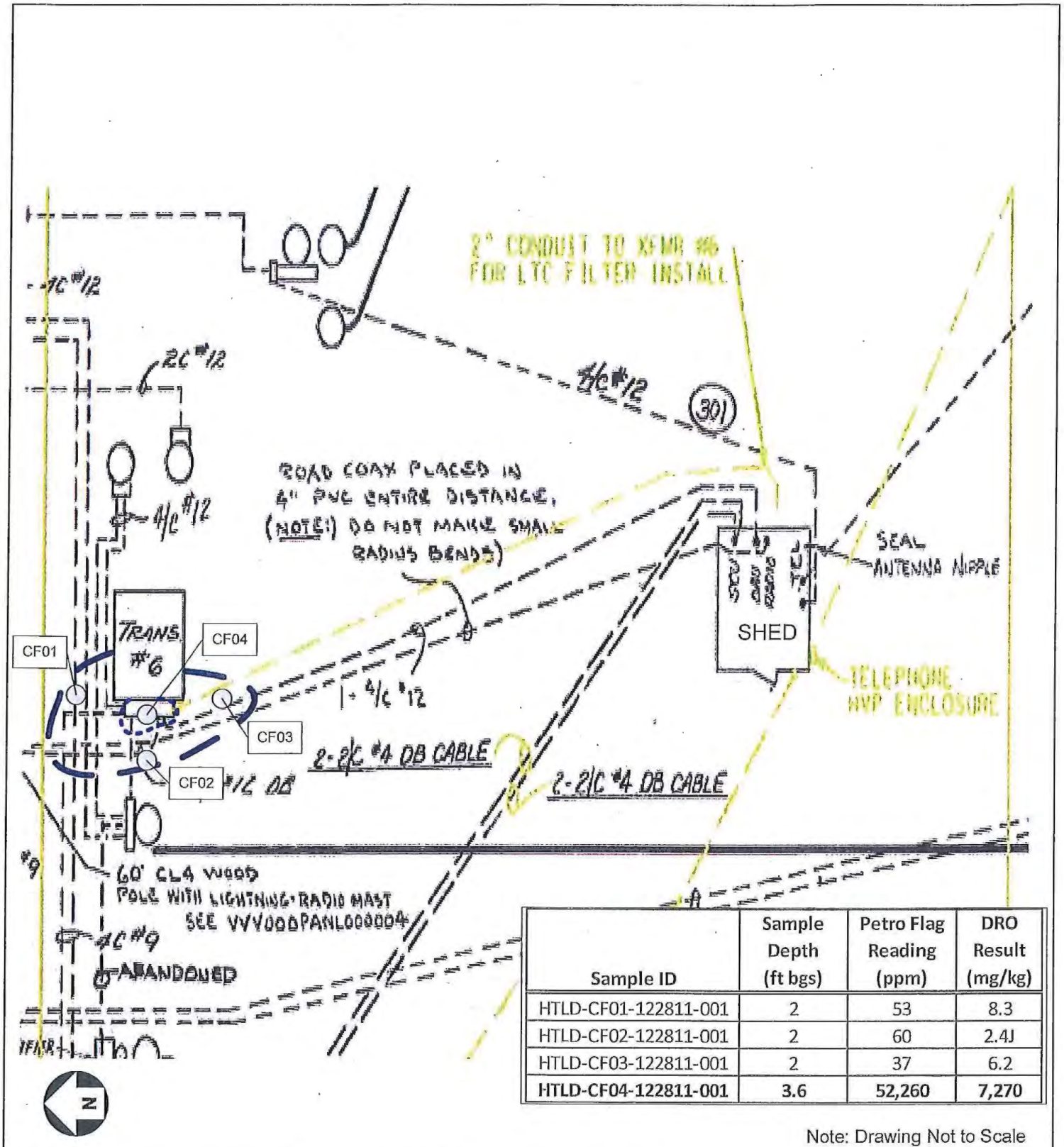
Sincerely,

Mark Drews

Mark Drews
Hydrogeologist
Remediation & Redevelopment Program

Attachments:
- remaining soil contamination map

cc: SER File
Burns & McDonnell Engineering, Rebecca Vanderbeck, 5007 S. Howell Ave., Suite 210, Milwaukee, WI 53207



Sample ID	Sample Depth (ft bgs)	Petro Flag Reading (ppm)	DRO Result (mg/kg)
HTLD-CF01-122811-001	2	53	8.3
HTLD-CF02-122811-001	2	60	2.4J
HTLD-CF03-122811-001	2	37	6.2
HTLD-CF04-122811-001	**3.6**	**52,260**	**7,270**

Note: Drawing Not to Scale

Burns & McDonnell
SINCE 1898

Figure 5 – Excavation Map with Post Remedial Sample Locations
We Energies
Hartland Substation
Hartland, Wisconsin

Legend:

- ○ Approx. Sample Location
- ------- Estimated extent of DRO concentrations greater than NR720 RCL of 100 mg/kg
- —— Remedial excavation boundary

MAINTENANCE AND MATERIAL HANDLING PLAN
FOR RESIDUAL SOIL IMPACTS
AT ACTIVE ELECTRICAL SUBSTATIONS & SWITCHYARDS

May 11, 2012

Property Located at:

Hartland Substation
670 Hill Street
Hartland, Wisconsin

FID # 268623190, WDNR BRRTS # 02-68-557269

Legal Description:

All that part of the Southwest One-quarter (1/4) of Section numbered Thirty-four (34), Township numbered Eight (8) North, Range numbered Eighteen (18) East, Village of Hartland, Waukesha County, Wisconsin, described as follows, to-wit: Commencing at a point in the West line of the East On-half (1/2) of the Southwest One-quarter (1/4) of said Section 34, which point is 135.00 feet North of the South line of said Southwest ¼ of Section 34; running thence North on said West line of said East ½ of the Southwest ¼ of Section 34 to the Southerly line of re-located United States Highway 16 as conveyed to Waukesha County by deed recorded in Volume 526 of Deeds, page 454, as Document No. 341505, Waukesha County Registry; thence Easterly along the Southerly line of said Highway 16 to a point which is 120.00 feet East of the West line of said East ½ of the Southwest ¼ of Section 34, measured at right angles to said West line; thence South on a line parallel to said West line of said East ½ of the Southwest ¼ of Section 34 and 120.00 feet distant easterly there from to a point in the South line of said Section 34; thence West along the South line of said Section 34 to the Southeast corner of a tract of land owned by Wisconsin Electric Power Company 135.00 feet to the Northeast corner thereof; thence West on and along the North line of said Wisconsin Electric Power Company land Eighty (80) feet to the place of beginning.

Introduction

This document is the Maintenance and Materials Handling Plan for restricted access at the above-referenced property. The maintenance activities relate to the existing security fence on the property and the rock and pavement/equipment occupying the area over the impacted soil on-site. The plan also addresses materials handling for soils excavated in the future.

More site-specific information about this property may be found in:

- The case file in the DNR Southeast Region regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://dnr.wi.gov/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2; and
- The DNR project manager for Milwaukee County.

Description of Residual Soil Impacts

Soil impacted by non-PCB mineral insulating oil is located at a depth of approximately 3.6 feet near Transformer #6. The general extent of the impacted soil is shown on the attached Figure 5. Access to the impacted soil is limited by surface rock cover and the adjacent transformer.

Mineral insulating oil (MIO) is a non-volatile, non-combustible, mid-range petroleum hydrocarbon mixture used to provide insulating and dielectric properties for substation equipment. MIO is a highly-refined hydrocarbon product that is similar to food-grade mineral oil. MIO constituents generally consist of total petroleum hydrocarbon (TPH)/diesel range organics (DRO) and may or may not contain measurable concentrations of PCBs. PCBs were determined not to be of concern in this location. MIO constituents are relatively immobile in the subsurface and partitioning to groundwater is very uncommon due to the constituent's high soil sorption coefficient, low water solubility and low vapor pressure.

Description of the Items to be Maintained

The facility is an active substation. Access to the site is restricted by a locked fence, and signage is present warning potential trespassers not to enter. The ground surface surrounding the electrical components and buildings within the fenced area is covered by a combination of hard-packed rock and concrete.

Maintenance Activities & Material Handling

As an active substation, the area is accessed on a regular basis by We Energies personnel. Restricted access to the facility is critical to safe operations, and any maintenance concerns associated with the fence are immediately noted and corrected. Because the area is only accessed by We Energies personnel or contractors, there are no mechanisms for disturbance of the rock, concrete, or equipment other than authorized construction or maintenance activities.

Any inspection, construction, or maintenance activities completed on substation or switchyard property include the restoration of the ground surface. Workers performing construction or maintenance activities have training for working at substations and switchyards including familiarity with the hazardous substances that may be present and the necessary steps that should be taken, including the appropriate use of personal protective equipment, when working in and around these areas.

Soil that is excavated as a result of construction or maintenance activities in We Energies' substations and switchyards is profiled prior to disposal and is treated, stored and disposed of in accordance with applicable local, state and federal regulations. To the extent feasible, when impacted soils are identified, they are removed. In some instances, it is not feasible to remove all impacted soil due to structural impediments, safety or reliability concerns, or other operational restrictions.

In the event the rock, concrete, or equipment overlying the soil are removed or replaced, the replacement will be of a similar performance. When substation and switchyard pavement and

buildings are modified, any underlying material left uncovered as a result of these activities will be covered by new pavement, equipment, buildings, or rock.

Future Site Use

When a substation is taken out of service, We Energies completes additional site characterization and review prior to retirement and removal of equipment. At such time that this facility is taken out of service, We Energies will notify WDNR and will take other action, as necessary, to address soil impacts remaining in place following applicable site closure procedures.

Amendment or Withdrawal of Plan

This Maintenance & Material Handling Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

Contact Information

April 2012

Site Owner and Operator:	We Energies Attn: Tiffany Goebel 333 W Everett Street, A231 Milwaukee, WI 53203 (414) 221-2850
WDNR:	Margaret Brunette 2300 N Dr. Martin Luther King Jr Drive Milwaukee WI 53212 (414) 263-8557

HARTLAND DISTRIBUTION CENTER

113076

Municipality: V/Hartland, Waukesha County

Tax Roll Key Number(s): 423-989

Tract Name(s) and Number(s): Hermann Tr. & Hartland Sand & Gravel Co. Tr.

Location: SW¼ Sec. 34-8-18

Acquired from: Dr. Weber C. Hermann & Mildred Gertrude Hermann, hw. by dated 1/4/46, recorded 1/11/46 in Vol. 393 of Deeds, p. 12, Doc. No. 282387.
Hartland Sand & Gravel Co. by W.D. dated 6/18/53 recorded 6/27/53 in Vol. 606 of Deeds, p. 533, Doc. No. 382398.

Corporate Record Number: 8291A, Env. 1
9881A, Env. 1

Survey Plat or Platbook Page Number: Drawing No. 352-71-E

W.E.P.Co. Mortgage Reference: 2nd Supplemental Indenture dated 6/1/46, Item 15, p. 12. 6th Supplemental Indenture dated 5/1/54, Item 30, p. 14.

File NO.

No. 865. WARRANTY DEED—Corporation to Corporation

Wisconsin Legal Blank Company, Milwaukee, Wisconsin 16228

222298

VOL 606 PAGE 533

This Indenture, Made this 18th day of June, A. D. 1953,

between HARTLAND SAND & GRAVEL CO., a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Hartland, Wisconsin, party of the first part, and WISCONSIN ELECTRIC POWER COMPANY, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin, party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of One Dollar ($1.00) and other good and valuable consideration

to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Waukesha and State of Wisconsin, to-wit: All that part of the Southwest One-quarter (1/4) of Section numbered Thirty-four (34), Township numbered Eight (8) North, Range numbered Eighteen (18) East, Village of Hartland, Waukesha County, Wisconsin, described as follows, to-wit: Commencing at a point in the West line of the East One-half (1/2) of the Southwest One-quarter (1/4) of said Section 34, which point is 135.00 feet North of the South line of said Southwest 1/4 of Section 34; running thence North on said West line on said East 1/2 of the Southwest 1/4 of Section 34 to the Southerly line of re-located United States Highway 16 as conveyed to Waukesha County by deed recorded in Volume 526 of Deeds, page 454, as Document No. 341505, Waukesha County Registry; thence Easterly along the Southerly line of said Highway 16 to a point which is 120.00 feet East of the West line of said East 1/2 of the Southwest 1/4 of Section 34, measured at right angles to said West line; thence South on a line parallel to said West line of said East 1/2 of the Southwest 1/4 of Section 34 and 120.00 feet distant easterly therefrom to a point in the South line of said Section 34; thence West along the South line of said Section 34 to the Southeast corner of a tract of land owned by Wisconsin Electric Power Company as described in that certain deed recorded in Volume 393 of Deeds page 12, as Document No. 282387, Waukesha County Registry; thence North along the East line of said tract of land owned by Wisconsin Electric Power Company 135.00 feet to the Northeast corner thereof; thence West on and along the North line of said Wisconsin Electric Power Company land Eighty (80) feet to the place of beginning.



Together with all and singular the hereditaments and appurtenances thereunto belonging, or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To have and to hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its successors and assigns FOREVER.

And the said HARTLAND SAND & GRAVEL CO., party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever,

and that the above bargained premises in the quiet and peaceable possession of the said party of the second

Vol. 1210 Page 504

part, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and DEFEND.

In Witness Whereof, the said HARTLAND SAND & GRAVEL CO. party of the first part, has caused these presents to be signed by P. W. Palmer its President, and countersigned by Olive W. Palmer its Secretary, at Hartland Wisconsin, and its corporate seal to be hereunto affixed, this 18th day of June A. D. 19 53.

SIGNED AND SEALED IN PRESENCE OF

Geraldine M. Wegner

Warren R. Jorgenson

HARTLAND SAND & GRAVEL CO.
Corporate Name

P. W. Palmer
President

COUNTERSIGNED:

Olive W. Palmer
Secretary

State of Wisconsin } ss.
WAUKESHA County.

Personally came before me, this 18th day of June A. D. 19 53
P. W. PALMER President, and OLIVE W. PALMER Secretary
of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Warren R. Jorgenson
Notary Public, Waukesha County, Wis.
My commission expires June 6, A. D. 19 54

1130775

9881A

No. 2002318

HARTLAND SAND & GRAVEL CO.

TO

WISCONSIN ELECTRIC POWER COMPANY

Warranty Deed

REGISTER'S OFFICE,
State of Wisconsin, } ss.
WAUKESHA County.

Received for Record this 24th day of JUNE A. D. 1953
at 10:40 o'clock A. M., and recorded in Vol. 666 of Deeds on page 533

Register of Deeds

Deputy

Return to:
E. D. Michelow, Room 308
Public Service Bldg.
231 W. Michigan St.
Milwaukee, Wis.

Wisconsin

4

2822387

DR. WEBER C. HERMANN and MILDRED GERTRUDE HERMANN, his wife, grantors, of Milwaukee County, Wisconsin, hereby convey and warrant to WISCONSIN ELECTRIC POWER COMPANY, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, grantee, of Milwaukee County, Wisconsin, for the sum of One Dollar ($1.00) and other good and valuable consideration, the following tract of land in Waukesha County, State of Wisconsin:



All that part of the Southwest one-quarter (SW¼) of Section numbered Thirty-four (34), Township numbered Eight (8) North, Range numbered Eighteen (18) East, in the Village of Hartland, described as follows, to-wit: Commencing on the south line of said Section Thirty-four (34) at the south one-eighth corner in said Southwest one-quarter (SW¼) of Section Thirty-four (34) (said one-eighth corner being one thousand three hundred thirty-four and fifty-six hundredths (1334.56) feet west of the southeast corner of the Southwest one-quarter (SW¼) of said Section Thirty-four (34), measured on said south section line); and thence north on the one-eighth section line one hundred thirty-five (135) feet to a point; thence east and parallel to said south section line eighty (80) feet to a point; thence south and parallel to said one-eighth line one hundred thirty-five (135) feet to said section line; and thence west on said south section line to the place of beginning, containing 0.248 acres of land more or less.



ALSO the right, permission and authority to construct, erect and maintain a line pole together with anchors and guys to be attached thereto and to string and maintain wires thereon for the purpose of supplying light, heat, power and signals, or for such other purpose as electric current is now or may hereafter be used, upon and along the west part of the premises of Dr. Weber C. Hermann and Mildred Gertrude Hermann, his wife, as follows: said wires to be strung from a substation to be located upon the above conveyed parcel of land to said line pole supported by said anchors and guys, thence north with said wires the end of same to be where proposed relocated Highway (U.S.H. 16 - S.T.H. 19) will be relocated through and upon the premises of Dr. Weber C. Hermann and Mildred Gertrude Hermann, his wife, as laid out by the State of Wisconsin Highway Commission Division Office, Milwaukee, Wisconsin, as per plans and specifications on file, said line pole will be located eight (8) feet

east of west property line and said anchors and guys will be located adjacent to said west property line, in said Southwest one-quarter (SW¼) of Section numbered Thirty-four (34), Township numbered Eight (8) North, Range numbered Eighteen (18) East, Village of Hartland, Waukesha County, Wisconsin.

The right, permission and authority is also granted said Company to construct, erect and maintain a line of poles together with the necessary anchors, guy wires and brace poles, and to string and maintain wires thereon for the purpose of supplying light, heat, power and signals, or for such other purpose as electric current is now or may hereafter be used upon, along, over and across the proposed relocated Highway (U.S.H. 16 - S.T.H. 19), to be located through and upon the premises of Dr. Weber C. Hermann and Mildred Gertrude Hermann, his wife, as laid out by the State of Wisconsin Highway Commission Division Office, Milwaukee, Wisconsin, as per plans and specifications on file, in the South one-half (S½) of said Section Thirty-four (34), Township Eight (8) North, Range Eighteen (18) East, Village of Hartland, Waukesha County, Wisconsin, said latter mentioned pole line will be constructed and maintained upon said proposed relocated highway only after purchase of land by the State of Wisconsin Highway Commission for highway purposes.

Permission is granted said Company to trim and keep trimmed all trees along the line of said highway and upon the premises of Dr. Weber C. Hermann and Mildred Gertrude Hermann, his wife, so that they will clear wires strung not less than twenty (20) feet above ground by as much as five (5) feet, and so that the trees will not be liable to interfere with the transmission of electricity over said line.

Permission is also granted said Company to enter upon said premises of Dr. Weber C. Hermann and Mildred Gertrude Hermann, his wife, to do the work contemplated and to make repairs to said line when necessary, but payment shall be made by it for damage to growing crops, fences, or live stock.

It is understood and agreed that the entire agreement of the above parties is contained in this instrument and that in the event the grantors seek to secure electric service from said line, such service will be rendered upon the completion and electrification of said line, if required by, and then only under the conditions of the Company's rules and regulations and at the Company's authorized rates.

IN WITNESS WHEREOF, the said grantors have hereunto set their hands and seals this 4 day of January, 1946.

In Presence of:

Catheryne Beaudry — Dr. Weber C. Hermann (SEAL)
Catheryne Beaudry — Dr. Weber C. Hermann

Ralph E. Wilson — Mildred Gertrude Hermann (SEAL)
Ralph E. Wilson — Mildred Gertrude Hermann

STATE OF WISCONSIN)
) SS
MILWAUKEE COUNTY)

Personally came before me, this 4th day of January, 1946, the above named Dr. Weber C. Hermann and Mildred Gertrude Hermann, his wife, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Ralph E. Wilson
Ralph E. Wilson
Notary Public, Milwaukee Co., Wis.
My commission expires May 2 - 1948

RALPH E. WILSON NOTARY PUBLIC MILWAUKEE CO. WIS.

F-24 8291 D

VOL 393 PAGE 16

Warranty Deed

113076

Dr. Weber C. Hermann and
Mildred Gertrude Hermann,
his wife

to

Wisconsin Electric Power
Company

Dated Jan 4 1946

SW¼ Sec. 34-8-18

Village of Hartland,
Lake Co. Wis.

Original

REGISTER'S OFFICE } ss. No. 282387
Waukesha Co., Wis.

RECEIVED FOR RECORD THE 11th DAY
JANUARY, A. D., 19 46 AT 3 o'clock P. M. AND RECORDED IN VOL. 393
OF DEEDS ON PAGE 12.

Marie L. Latimer REGISTER
By Laura N. Gabriel Deputy

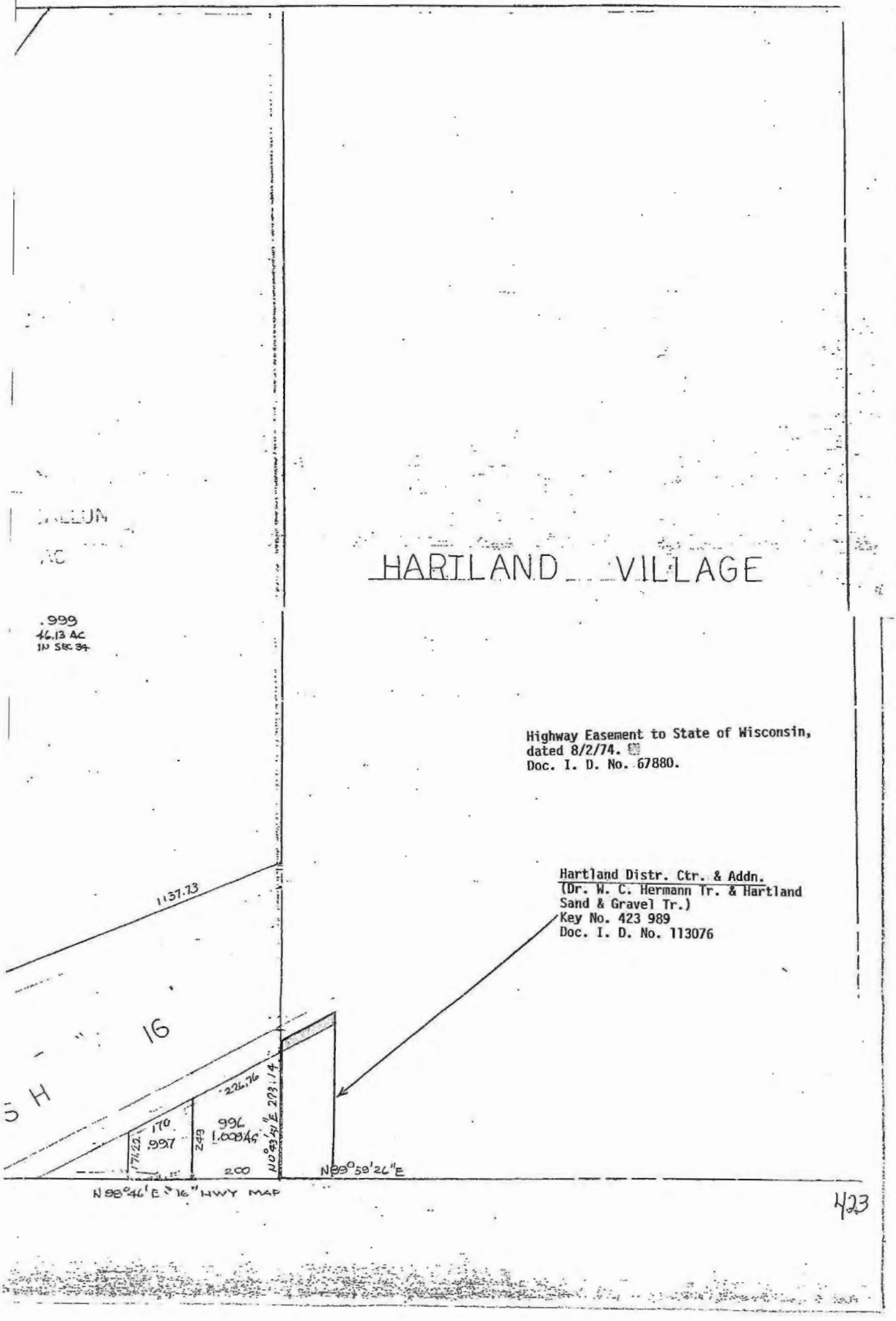
I.D.O. E-9055. WO 8410
I.D.O. E-9054. WO 8411

Return to:
E.D. Mishelow Room 308
Public Service Bldg.
Milwaukee 1, Wis.

TOWN OF MERTON

1/4 SECTION LINE SCALE 1"=200'

SE/4 SEC 34
Village of
HARTLAND



423

LEGAL DESCRIPTION CERTIFICATION

Hartland Substation

Legal Description on the Warranty Deed and Provided as Part of a WDNR GIS Registry Packet for:

WISCONSIN ELECTRIC POWER COMPANY, D/B/A WE ENERGIES
HARTLAND SUBSTATION
670 HILL STREET
HARTLAND, WI

All that part of the Southwest One-quarter (1/4) of Section numbered Thirty-four (34), Township numbered Eight (8) North, Range numbered Eighteen (18) East, Village of Hartland, Waukesha County, Wisconsin, described as follows, to-wit: Commencing at a point in the West line of the East On-half (1/2) of the Southwest One-quarter (1/4) of said Section 34, which point is 135.00 feet North of the South line of said Southwest ¼ of Section 34; running thence North on said West line of said East ½ of the Southwest ¼ of Section 34 to the Southerly line of re-located United States Highway 16 as conveyed to Waukesha County by deed recorded in Volume 526 of Deeds, page 454, as Document No. 341505, Waukesha County Registry; thence Easterly along the Southerly line of said Highway 16 to a point which is 120.00 feet East of the West line of said East ½ of the Southwest ¼ of Section 34, measured at right angles to said West line; thence South on a line parallel to said West line of said East ½ of the Southwest ¼ of Section 34 and 120.00 feet distant easterly there from to a point in the South line of said Section 34; thence West along the South line of said Section 34 to the Southeast corner of a tract of land owned by Wisconsin Electric Power Company 135.00 feet to the Northeast corner thereof; thence West on and along the North line of said Wisconsin Electric Power Company land Eighty (80) feet to the place of beginning.

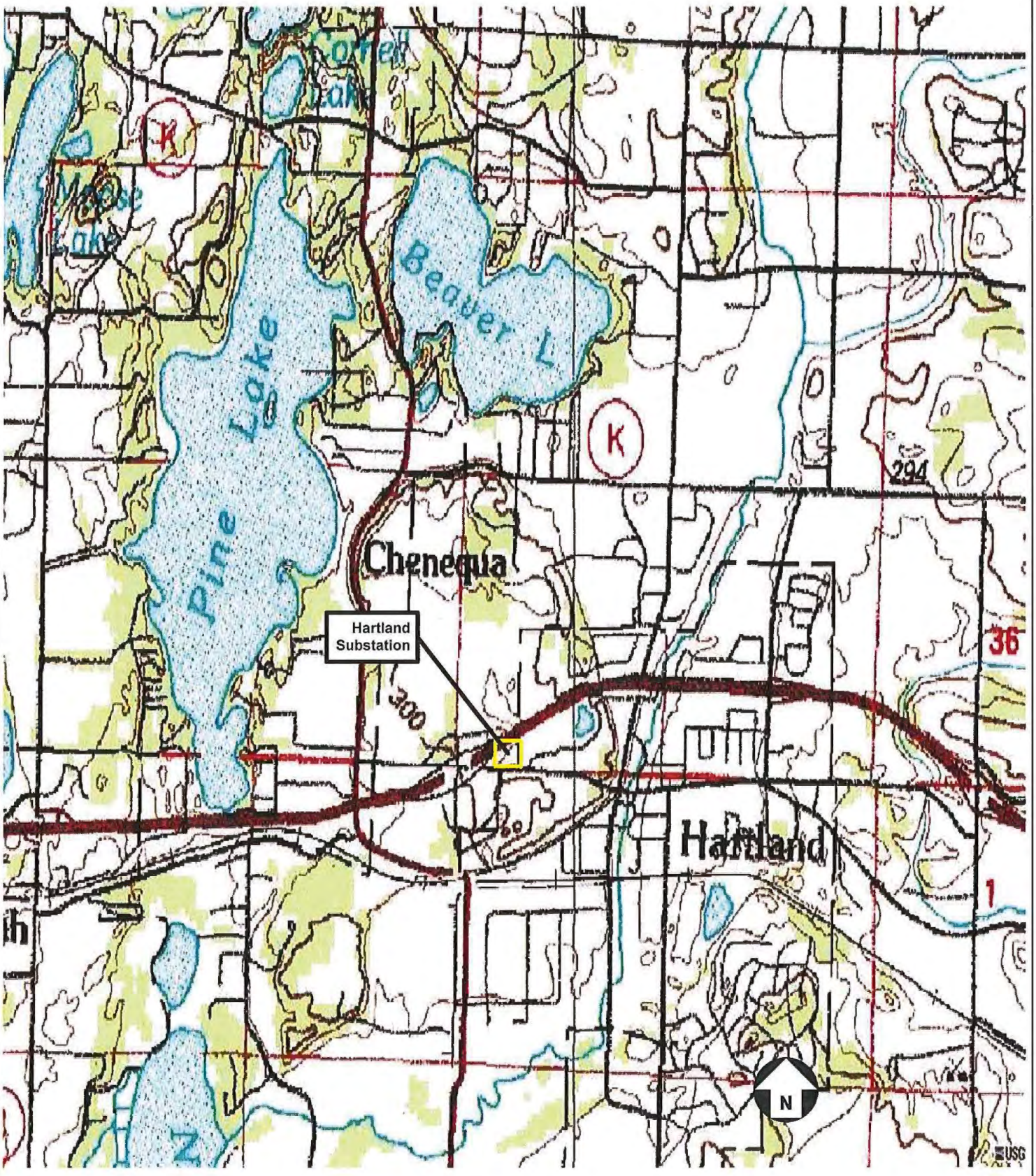
"I, Elizabeth Stueck-Mullane representing We Energies, responsible party for the Hartland Substation Site located at 670 Hill Street, Wisconsin, certify that the attached legal description is, to the best of my knowledge, complete and accurate."

Elizabeth Stueck-Mullane
Signed

5-3-12
Date

Elizabeth Stueck-Mullane
Print Name

We Energies
Company

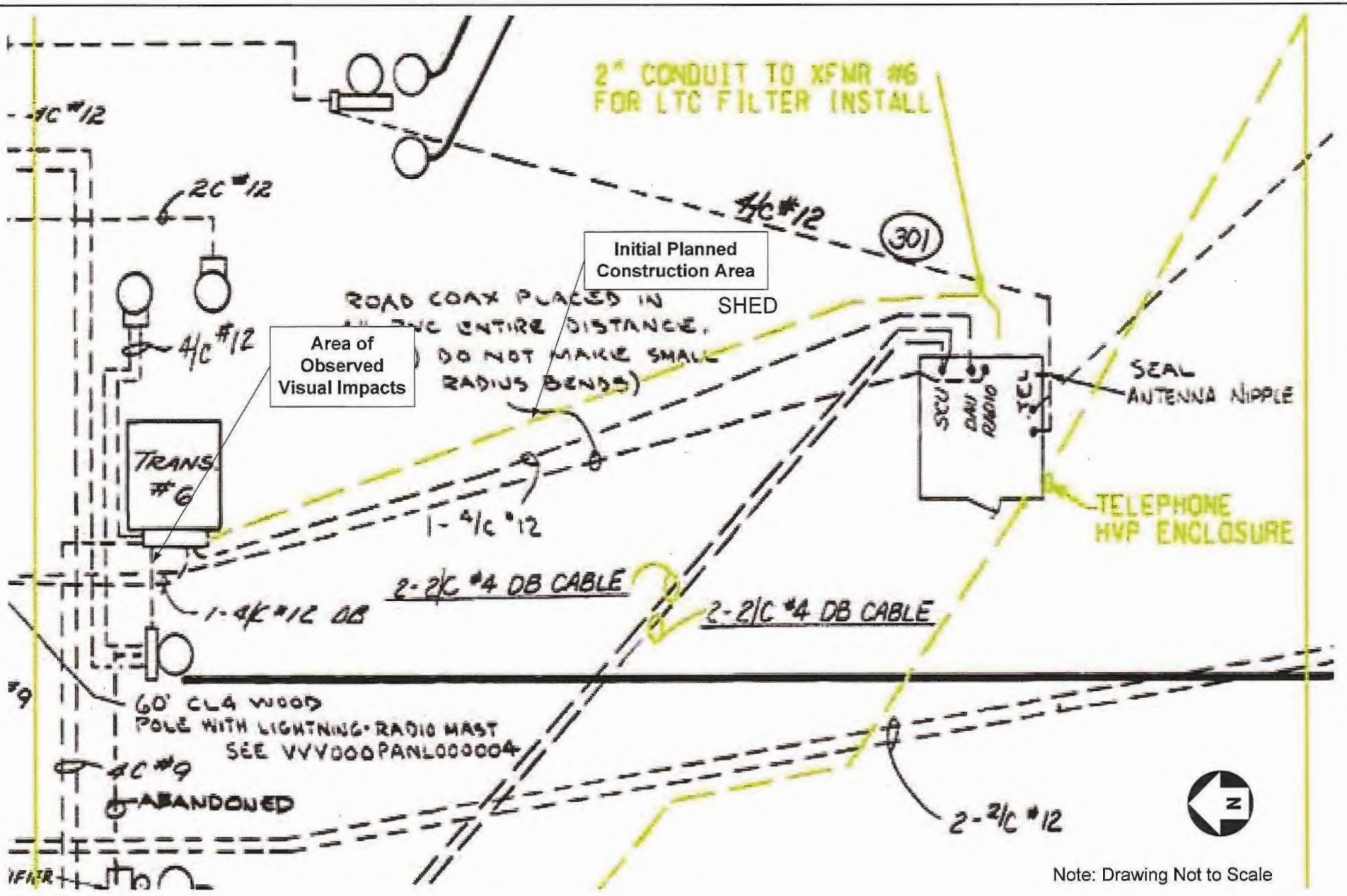


Burns & McDonnell
SINCE 1898

Figure 1 – Site Location Map
We Energies
Hartland Substation
Hartland, Wisconsin

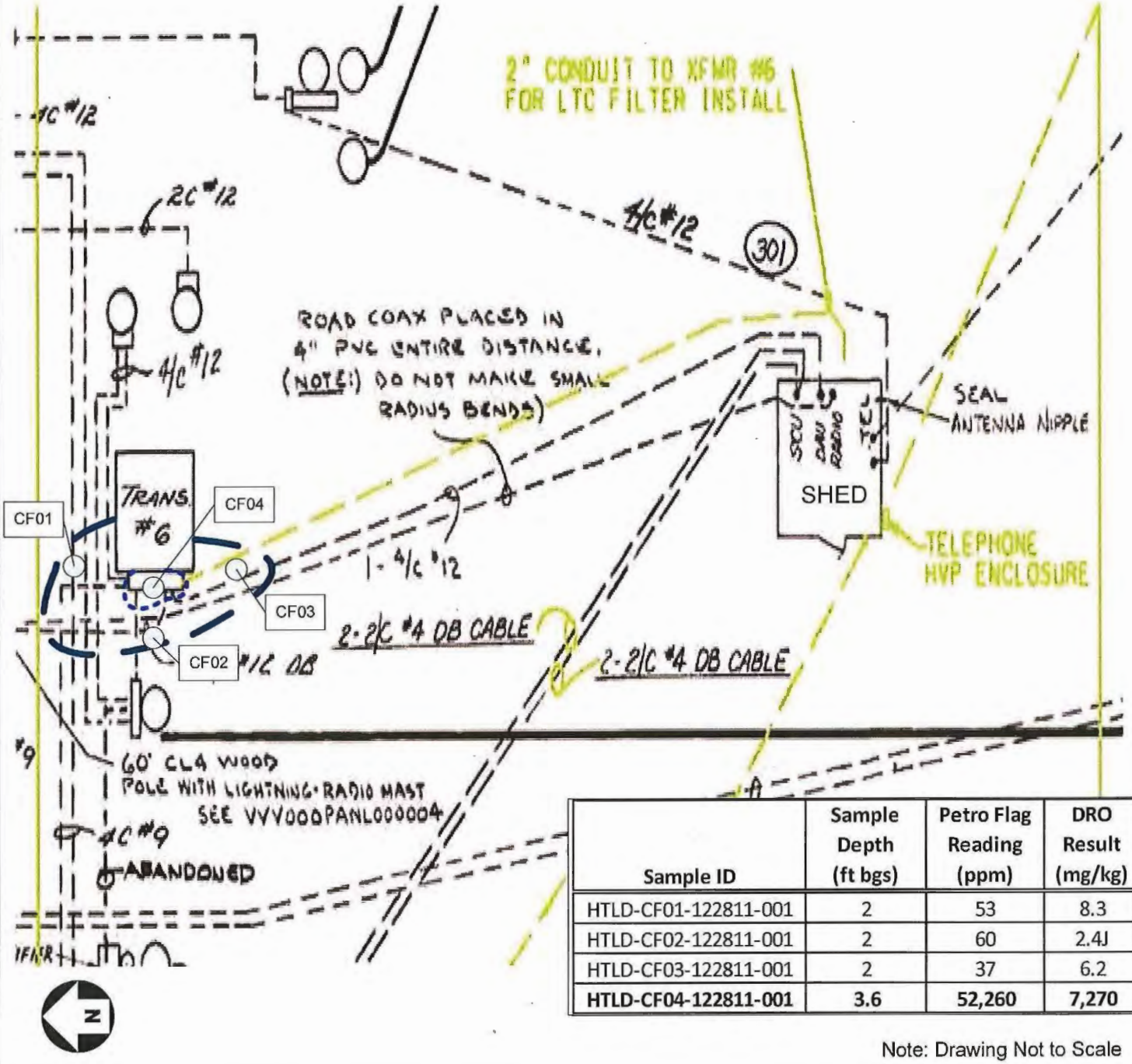
Source: http://usgs.gov

Note: Drawing Not to Scale



Burns & McDonnell
SINCE 1898

Figure 3 – Site Layout Map
We Energies
Hartland Substation
Hartland, Wisconsin



Sample ID	Sample Depth (ft bgs)	Petro Flag Reading (ppm)	DRO Result (mg/kg)
HTLD-CF01-122811-001	2	53	8.3
HTLD-CF02-122811-001	2	60	2.4J
HTLD-CF03-122811-001	2	37	6.2
HTLD-CF04-122811-001	**3.6**	**52,260**	**7,270**

Note: Drawing Not to Scale

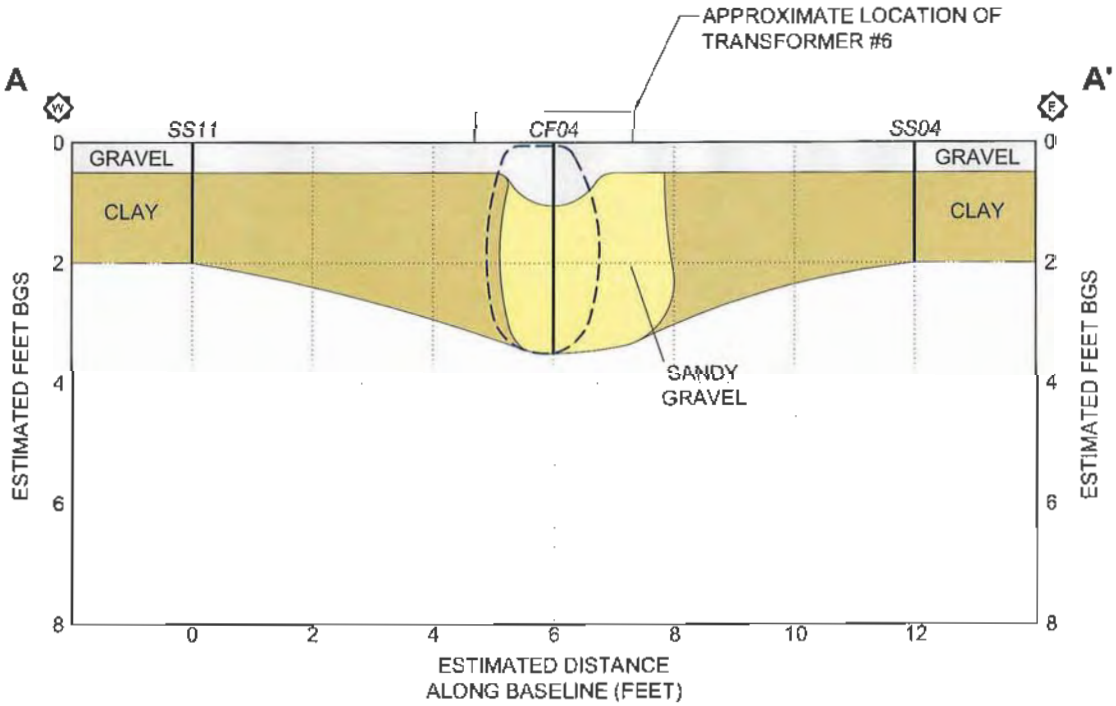
Burns & McDonnell
SINCE 1898

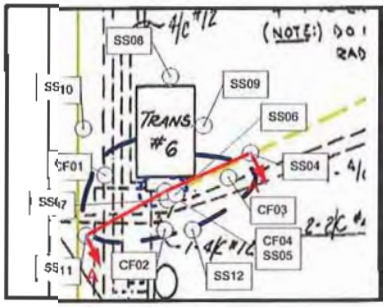
Figure 5 – Excavation Map with Post Remedial Sample Locations
We Energies
Hartland Substation
Hartland, Wisconsin

Legend:

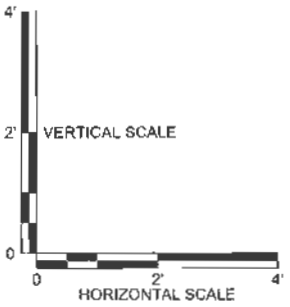
- Approx. Sample Location
- Estimated extent of DRO concentrations greater than NR720 RCL of 100 mg/kg
- Remedial excavation boundary

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NOT TO SCALE



LEGEND

- GRAVEL
- CLAY
- SANDY GRAVEL
- PRESUMED LITHOLOGY
- SS11 — BORING LOCATION
- CF04 — CONFIRMATION SAMPLE LOCATION
- ESTIMATED EXTENT OF DRO CONCENTRATION (GREATER THAN 100 mg/kg)
- BGS BELOW GROUND SURFACE

Figure 4

GEOLOGICAL CROSS SECTION A-A'
We ENERGIES
HARTLAND SUBSTATION

I:\WE Energies\51853 - Hartland Substation\CAD\FIG 4_XSECTION_A

Table 1
Soil Sample Analytical Results
Hartland Substation
Hartland, WI

			Petro-flag Readings	Diesel Range Organics
			Petro-flag	DRO
			ppm	mg/kg
Sample ID	Sample Depth	Collection Date		
HTLD-CF01-122811-001	2.0 ft	12/28/2011	53	8.3
HTLD-CF02-122811-001	2.0 ft	12/28/2011	60	2.4J
HTLD-CF03-122811-001	2.0 ft	12/28/2011	37	6.2
HTLD-CF04-122811-001	3.6 ft	12/28/2011	52,260	**7,270**

Notes:
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
1. Sources for Cleanup Standards/RCLs:

DRO: 100 mg/kg for either GRO or DRO; 2. Wisconsin Administrative Code NR720.09(4)

APPENDIX G

COMPLETED OWNER QUESTIONNAIRE

COMPLETED USER QUESTIONNAIRE

Endpoint Solutions

PHASE I ESA SITE OWNER QUESTIONNAIRE

PROJECT/SITE INFORMATION

Client Name: The Lutheran High School Association of Greater Milwaukee (LHSAGM)

Project Street Address: Campus Drive, Hartland, WI - Lot 2 (HAV 0423981056)

City: Hartland County: Waukesha State: WI Zip: 53029

PROPERTY USE AND SPECIFICATIONS

☐ Single-Family Residential	☑ Vacant or undeveloped
☐ Multi-Family Residential	☐ Agricultural *specify type*:
☐ Commercial Office	☐ Industrial *specify type*:
☐ Commercial Retail	☐ Other *specify type*:
Total Property Size: 3.9 acres	Original Construction Date:
Total Number of Buildings: 0	Was Construction Phased? ☐ Yes ☐ No ☐ Unk
Total Sq. Ft. of Buildings:	Dates of Renovations/Phases:

Potable Water Source:	Electricity:	Gas:

Any waste water discharge at the site? ☐ Septic Tank/Leachfield ☐ Sanitary Sewer ☐ Other

Has the subject site ever been occupied by the following?
☐ Dry Cleaner ☐ Gas Station ☐ Printing Facility ☐ Manufacturing Facility
If yes, provide length of occupancy:

Have any previous investigations been performed at the subject property? ☐ Phase I ESA ☐ Phase II ☐ Asbestos ☐ Lead Paint ☐ Radon
If Yes, are copies available?

ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions, either current or former, on the subject site?

NOTE: If applicable, please provide inventory records, inspection records and material safety data sheets to site inspector during site inspection.

Environmental Condition/Issue	*Response*	*Notes on Yes Responses*
Aboveground Storage Tanks	☐ Yes ☑ No	
Underground Storage Tanks	☐ Yes ☑ No	
Hazardous/Toxic Substances	☐ Yes ☑ No	
Stored Chemicals	☐ Yes ☑ No	
Chemical Spills/Releases	☐ Yes ☑ No	
Dump Areas/Landfills	☐ Yes ☑ No	
Waste Treatment Systems	☐ Yes ☑ No	
Wastewater Discharges	☐ Yes ☑ No	
Floor Drains/Sumps/Clarifiers	☐ Yes ☑ No	
Pits, Ponds, Lagoons	☐ Yes ☑ No	
Stained Soil/Vegetation	☐ Yes ☑ No	
Pesticide/Herbicide Use	☐ Yes ☑ No	

Please return completed questionnaire via email or fax (414-427-1259).

Endpoint Solutions

Polychlorinated Biphenyls (PCBs)	☐ Yes ☑ No	
Electrical Transformers	☐ Yes ☑ No	
Hydraulic Lifts	☐ Yes ☑ No	
Elevators	☐ Yes ☑ No	
Asbestos	☐ Yes ☑ No	
Lead-based paint	☐ Yes ☑ No	
Oil/Gas Wells	☐ Yes ☑ No	
Environmental Clean-ups	☐ Yes ☑ No	
Environmental Permits	☐ Yes ☑ No	

OTHER ENVIRONMENTAL CONDITIONS

Are you aware of any environmental liens recorded against the property? ☐ Yes ☑ No
If yes, provide brief explanation.

Are you aware of any pending, past or threatened litigation related to hazardous substances or petroleum products releases at the property? ☐ Yes ☑ No
If yes, provide brief explanation.

Are you aware of any cases of extreme water damage or mold throughout the building(s)? ☐ Yes ☑ No
If yes, provide brief explanation.

Waste Streams Generated	Disposal Method

Person Completing Questionnaire:	Mark M Bahr
Title/Affiliation to the subject property:	Chief Growth Officer, Owner Rep (LHSAGM)
Number of Years Associated with the subject property:	18
Date:	08-05-24

Please return completed questionnaire via email or fax (414-427-1259).

USER QUESTIONNAIRE
ASTM E1527-21

User Name:	John T Ford
User Company:	3LP Hartland Senior, LLC
User Address:	504 W Juneau Ave, Milwaukee, WI 53203
User Telephone & Fax:	414-775-0857
User E-mail:	jford@threeleafdevelopment.com
Property Name:	The Lutheran High School Association of Greater Milwaukee - Lot 2 (HAV 0423981056)
Property Address:	Campus Drive, Hartland, WI
Property Contact Name:	Mark Bahr
Contact Telephone & Fax:	414-870-4097
Contact E-mail:	mbahr@lhsagm.org

Practice E1527-21 defines a *User* as "*… the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of subject property, a potential tenant of subject property, an owner of the subject property, a lender, or a property manager. The User seeking to qualify for an LLP to CERCLA liability, or a User that is an EPA Brownfield Assessment and Characterization grantee, has specific responsibilities for completing a successful application of this practice…"*

As stated in Practice E1527-21, "*…To qualify for one of the Landowner Liability Protections (LLPs)247 offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"),248 the User must conduct the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The User should provide the following information to the environmental professional.* ***Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.****"*

1. **Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)**. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

   No

2. **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)**. Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   Quit Claim Deed (QCD) line bifurcates parcel. Senior development use allowed east of such line.

3. **Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)**. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

   No, we do not currently own any adjoining parcels.

4. **Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)**. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

   Yes

5. **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)**. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

   a. Do you know the past uses of the property?
      No - vacant land.
   b. Do you know of specific chemicals that are present or once were present at the property?
      No
   c. Do you know of spills or other chemical releases that have taken place at the property?
      No
   d. Do you know of any environmental cleanups that have taken place at the property?
      No

6. **The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

   No

Additional *User* Provided Information

1. Reason(s) Phase I ESA is requested.

   Developing portion of parcel.

2. Type of property and type of property transaction.

   Senior development with 118 units +/- to include: Independent Living, Assisted Living, Memory Care.

3. Identification of all parties who will rely on the Phase I ESA (e.g., sale, purchase, exchange, etc.).

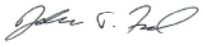
   Developer, lender, etc.

4. Special terms and conditions that must be agreed upon by the environmental professional.

5. Any other knowledge or experience with the property that may be pertinent to the environmental professional (e.g., prior environmental site assessment reports, documents, correspondence, etc., concerning the property and its environmental condition).

***User* Name:** John T Ford

***User* Title:** Chief Development Officer

***User* Signature:** 

Date: 8/2/2024

APPENDIX H

SUBJECT PROPERTY PHOTOGRAPHS



1. View from the northern corner of the subject property facing south.



2. View from the northern corner of the subject property facing southwest.



3. Adjoining Lake Country Lutheran High School property to the northwest at 401 Campus Drive.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



4. View from the northern corner of the subject property facing north.



5. Adjoining Woodnote Residences property to the northeast at 460 Campus Drive.



6. View from the northern corner of the subject property facing east.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



7. View from the southeast portion of the subject property facing south towards State Highway 16.



8. View from the southeast portion of the subject property facing west.



9. View from the southeast portion of the subject property facing east.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



10. View from the southeast portion of the subject property facing north.



11. View from the south-central boundary of the subject property facing south towards State Highway 16.



12. View from the south-central boundary of the subject property facing west.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



13. View from the south-central boundary of the subject property facing north.



14. View from the western portion of the subject property facing west along Campus Drive.



15. View from the western portion of the subject property facing north across Campus Drive.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



16. View from the western portion of the subject property facing northeast along Campus Drive.



17. View from the western portion of the subject property facing southeast.



18. View from the central portion of the subject property facing south.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



19. View from the central portion of the subject property facing southwest.



20. View from the central portion of the subject property facing west.



21. View from the central portion of the subject property facing north.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



22. View from the central portion of the subject property facing northeast.



23. Vegetated piles located in central portion of the subject property.



24. Miscellaneous debris in the central portion of the subject property.

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint



25. Vegetated piles located in central portion of the subject property.



26. Vegetated piles located in central portion of the subject property.



27. Adjoining property to the northwest (401 Campus Drive).

SITE PHOTOGRAPHS	
TAX KEY HAV0423981056	
HARTLAND, WISCONSIN	
PROJECT NO: 843-004-001	Endpoint

APPENDIX I

U.S. FISH AND WILDLIFE WETLANDS MAP

U.S. Fish and Wildlife Service
National Wetlands Inventory

U.S. Fish and Wildlife Wetlands Map



August 6, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX J

RESUMES

Endpoint Solutions

ROBERT A. CIGALE, P.G.



PROFESSIONAL REGISTRATION

Licensed Professional Geologist (PG); Wisconsin (#332), Illinois (#295)

Certified Asbestos Inspector Wisconsin (#AII-129720), Illinois (#100-19800)

EMPLOYMENT HISTORY

Endpoint Solutions Corp., *Principal/ Shareholder, 2008-Present*

ELM Consulting LLC, *Senior Consultant, 2004-2008*

URS Corporation, *Project Manager/ Geologist, 1989-2004*

EDUCATION

Milwaukee School of Engineering: MS Environmental Engineering - 2000

University of Wisconsin-Madison: BS Geology/Geophysics - 1987

SUMMARY

Mr. Cigale brings over 28 years of diversified environmental consulting experience to Endpoint Solutions. Mr. Cigale is a Principal of Endpoint and a licensed Professional Geologist in Wisconsin and Illinois. Mr. Cigale's areas of expertise include: designing and managing subsurface investigations at Brownfield redevelopment sites, evaluating, planning, designing and implementing innovative, end-focused remedial plans and performing liability quantifications associated with large-scale remediation projects. Mr. Cigale's client base includes chemical manufacturers, municipalities, real estate developers and brokers, attorneys, redevelopment authorities and business brokers. Over the course of his career, Mr. Cigale has performed hundreds of Phase I Environmental Site Assessments.

REPRESENTATIVE PROJECT EXPERIENCE

Brief descriptions of representative projects that Mr. Cigale has been involved with are presented below.

Project Manager/Project Geologist: Layton Square Development, Cudahy, Wisconsin. Assisted Bear Development with the redevelopment of a closed leaking underground storage tank (LUST) site with residual soil and groundwater contamination into a mixed use commercial and residential development using low-income housing tax credits (LIHTC) provided by the Wisconsin Housing and Economic Development Authority (WHEDA) and tax incremental financing (TIF) provided by the City of Cudahy. Bob initially worked as a liaison between the City of Cudahy and Bear Development to provide the pre-acquisition information necessary to satisfy the needs of both parties. Specific tasks completed included: Phase I Environmental Site Assessment; Phase II Environmental Assessment; Geotechnical Investigation; preparation of a Post-Closure Modification request, including a soil management plan, a water management plan, a soil vapor mitigation plan and a new barrier plan. Bob assisted with the drafting of the developers agreement and responded to numerous requests from Boston Capital, Bear Developments main financing partner.

Project Manager: Innovative Site Investigation and Remedial Action Options Report, The Kettle, Eagle, Wisconsin. Designed and implemented a Laser-Induced Fluorescence (LIF) survey to delineate the extent of free-phase petroleum product in the sub-

surface at an active gasoline retail site. Applied the American Petroleum Institute's LNAPL Distribution and Recovery Model (LDRM) to identify the volume of recoverable free product. Prepared a RAOR for the site which identified vacuum-enhanced extraction as the technology most likely to successfully remove the most petroleum free product from the subsurface.

Project Manager: Insured Fixed-Cost Remediation, Former MacWhyte Wire Rope Manufacturing Facility, Kenosha, Wisconsin. Mr. Cigale served as the Project Geologist and was responsible for the development and implementation of the remedial strategy of 33 impacted areas on the 27 acre site. Specific responsibilities included scope negotiation with state regulators, evaluation of remedial action options, development of the remedial action plan, development of the long-term monitoring plan and closure documents. Contaminants of concern included chlorinated solvents, petroleum products, acids and metals.

Project Manager: Environmental Services Cooperative Agreement (ESCA) Site Characterization of the Lone Star Army Ammunition Plant (LSAAP) and the West Excess Property of the Red River Army Depot (WEP-RRAD), Texarkana, Texas. Mr. Cigale managed scope, schedule and budget during the planning, performance and reporting of a $2.5M Early Transfer site characterization effort completed within a 12-month period. Tasks included: scope negotiation with various Army divisions and state regulators, development of project planning documents, managing numerous employees and subcontractors, maintaining the schedule and budget, evaluating the data and the development of final reports. Contaminants of concern included chlorinated solvents, petroleum products, explosive constituents, metals and unexploded ordinance.

Project Manager/Project Geologist: Former Iceport Site, Cudahy, Wisconsin. Assisted with preparation of a Ready for Reuse Grant application, completed a Phase I ESA, planned and implemented a site investigation, prepared a Remedial Action Options Report (RAOR) and prepared a Remedial Action Plan (RAP). Assisted the City with stakeholder outreach and frequently briefed Common Council and Community Development Authority on project status. Obtained approval from WDNR for an innovative RAP which saved the City of Cudahy approximately $1 million in soil disposal fees. Successfully moved the site towards closure and redevelopment after 20 years of work by other consultants.

Project Manager: Long-Term Groundwater Monitoring and General Environmental Services, Confidential Client, Wisconsin. Mr. Cigale has managed the long-term groundwater extraction system operation, maintenance and monitoring at the facility of the past 12 years. Specific tasks have included groundwater sampling and reporting, including WDNR EDD, AFSCI reporting and WPDES sampling and reporting.

Project Geologist: Site Investigation and Long Term Monitoring, Fort McCoy, Wisconsin. Mr. Cigale served as the Project Geologist and oversaw the quarterly groundwater sampling, monitoring and analysis at seven areas within the 60,000 acre Fort McCoy installation. All groundwater monitoring was performed utilizing EPA approved low flow sampling techniques. In addition, Mr. Cigale was the Project Geologist for subsurface soil and groundwater investigations at three (3) locations within the installation related to former incinerator waste disposal operations.

Project Manager/Assistant Engineer: Agropur Cheese, Weyauwega and Luxemburg, Wisconsin. Assisted Agropur with preparing Process Safety Management programs at two cheese manufacturing facilities with anhydrous ammonia refrigeration systems with over 10,000 pounds of anhydrous ammonia. Endpoint worked with facility staff to prepare the PSM program documentation, perform a Process Hazard Assessment, prepare Standard Operating Procedures and prepare and submit the Risk Management Plans (RMPs) via eSubmit. RMPComp and Marplot were utilized to complete the release scenarios for the RMP submittal.

Co-Assessor: GAIN Clean Fuels Compressed Natural Gas (CNG) Fueling Facility, Edwardsville, Illinois. Worked as a team with other Endpoint staff as well as representatives of GAIN Clean Fuels and equipment suppliers to perform a Process Hazard Assessment (PHA) of an unmanned CNG fueling facility. The PHA was performed as a requirement of the State of Illinois to satisfy the requirements of Installation Verification. The PHA was performed using a combination of "what-if", hazard and operability (HAZOP) and failure mode and effects analysis (FMEA) methods to analyze the system and components.

Co-Auditor: U.S Venture Milwaukee Central Bulk Terminal, Milwaukee, Wisconsin. Performed, as part of a team, a three-year audit of a Process Safety Management (PSM) program prepared due to the utilization of butane liquefied under pressure at the Site. The audit included all elements of the PSM program. A PSM audit report with a deficiencies worksheet was prepared to guide the facility in correcting the deficiencies noted during the audit.

Project Geologist: Remedial Investigation and Design, Confidential Manufacturer, Maine. Mr. Cigale served as the project geologist during the pre-design investigation for the installation of a permeable reactive barrier (PRB) to address chlorinated solvents and metal impacts. Soil boring transects parallel to, and perpendicular of, the proposed PRB with multi-level soil and groundwater sampling was utilized to develop a three-dimensional model of the site.

Project Manager: Site Investigation, Demolition and Remediation, Former Frost Manufacturing Facility, Kenosha, Wisconsin. Designed, managed and performed the site investigation, building demolition and remediation of the former metal working and plating operation. This work was performed with funding provided by the WDNR with a Brownfields remediation grant. This project also included sustainable remediation practices

where the excavation spoils from another City-owned project were utilized as backfill during the remediation resulting in the savings of approximately $200,000 in City and State funding.

Endpoint Solutions

Travis J. Manser



EMPLOYMENT HISTORY

Endpoint Solutions, Franklin, WI
2017-present
Staff Consultant

Wisconsin Department of Natural Resources, Waukesha, WI
2016-2017
Hydrogeologist & Waste Management Specialist

University of Wisconsin-Milwaukee
2015-2016
Advanced Independent Researcher

Prairie Future Seed Company
2014
Restoration Ecologist

EDUCATION

BS Conservation & Environmental Science (Water Resources and Hydrogeology emphasis), summa cum laude (2016)
University of Wisconsin-Milwaukee

ACADEMIC AWARDS

Outstanding Research Award
University of Wisconsin-Milwaukee
2016

SURF (Student Undergraduate Research Funding) Grant $1,600
University of Wisconsin-Milwaukee
2015

SUMMARY

Multiple years of experience in hydrogeological and surface water interactions. Skilled at working closely with in State regulatory compliance requirements and achieving site closure on projects containing soil, groundwater and vapor impacts. Experience in Phase I and II Environmental Site Assessments of closed and active landfills, providing recommended corrective actions, analyzing site conceptual models and database analysis. Trained in surface water and hydrological sampling including river discharge measurements, sonde deployment and calibration and water quality monitoring. Skilled research scientist providing complex solutions for various stakeholders and acting as a liaison between businesses, scientists, community groups and government bodies.

REPRESENTATIVE PROJECT EXPERIENCE

Project Management and Compliance Review

Project Management - Environmental Documentation and Report Review, Multiple Facilities, Wisconsin. Acted as a Project Manager for remediation projects containing soil, groundwater and vapor impacts. Moved stalled PECFA sites toward remediation and site closure based on Wisconsin Administrative Code NR140, NR141, and NR700 series. Report review included analyzing parameters for natural attenuation, plume definition, boring logs and well installation measurements and characteristics.

Project Management - Environmental Site Assessment, Multiple Facilities, Wisconsin. Responsible for conducting field inventory and assessment of waste disposal sites for inclusion into a GIS based registry. Completion of site screenings included field inspections, recommended corrective actions, site geological and hydrogeological characteristics, updating GIS coordinates, and researching previous waste types on site.

Research Scientist - Advanced Independent Research Coordinator, Pike River, Mount Pleasant, Wisconsin. Coordinated and performed an advanced independent research study on floodplain restoration analysis. Research implementation focused on assessing macroinvertebrate community response to river hydrology variation and riffle particle size analysis.

Research Scientist - Environmental Data Sampling, Multiple Sites, Wisconsin. Collected groundwater, soil and sediment samples for various analysis. Calibrated, post calibrated, and deployed YSI 6600 multi-parameter water quality sondes. Conducted electrofishing procedures for sampling of fish, macroinvertebrate and zooplankton collection.

Project Management - Environmental Documentation and Compliance, Pike River, Mount Pleasant, Wisconsin. Conducted environmental assessments of construction activity on river restoration success. Prepared analytical monitoring reports detailing site conditions, corrective actions and concerns.

Endpoint Solutions

Joseph M. Pugel

EMPLOYMENT HISTORY

Endpoint Solutions, Franklin, WI
Staff Consultant,
August 2022-present

Technical Consultant,
June 2022 – August 2022

Terracon Consultants, Inc., Minneapolis, MN
Engineering Technician I,
May 2021-January 2022

Assistant Scientist,
January 2022-June 2022

Braun Intertec Corporation, La Crosse, WI
Construction Materials Testing Technician, *May 2020-November 2020*

EDUCATION

University of Wisconsin La Crosse, 2021 – Bachelor of Science
Major– Geography - Environmental Science
Minor– Earth Studies

CERTIFICATIONS

OSHA 40-Hour HAZWOPER

Certified Asbestos Inspector Wisconsin (#AII-290510)

Tank System Site Assessor (#527196)

PROFESSIONAL EXPERIENCE

Mr. Pugel is a Staff Consultant at Endpoint Solutions Corporation in Franklin, Wisconsin. His responsibilities include field assignments, data analysis, and preparing environmental investigation reports. His field assignments include performing soil, soil vapor, and groundwater sampling, as well as excavation oversight and manifesting.

PROJECT EXPERIENCE

Phase I Environmental Site Assessments
Preparation of Phase I Environmental Site Assessments in accordance with ASTM E 1527-21, Standard Practice for Environmental Site Assessments: Project activities include site reconnaissance, historical research, records review, and report preparation.

Phase II Environmental Site Assessments
Collected soil, sub-slab soil vapor, and groundwater samples from hand auger and geoprobe borings for various sites in Minnesota and Wisconsin. Analyzed the field results and prepared data tables comparing them to MPCA and EPA residential, industrial, and commercial standards.

Remedial Excavation Oversight
Provided manifesting, soil sampling, and field screening with a Photoionization Detector for various contaminated soil removal projects in Minnesota and Wisconsin.

Remedial System Operation and Maintenance
Conducted on-going soil vapor extraction (SVE) remediation system operation and maintenance activities for several sites in Minnesota.

On-going Groundwater Monitoring
Served as a team member and lead in numerous groundwater sampling events on various sites in Wisconsin. Installed, maintained and operated various In-Situ groundwater monitoring devices.

Pre-Demolition Assessments
Conducted pre-demolition assessments for various sites in Wisconsin which included sampling of potential asbestos-containing materials (ACM) and lead-based paints (LBP) and surveying for universal and hazardous wastes.

Metropolitan Airports Commission Activities
Assisted in environmental activities at the Minneapolis-St. Paul Airport which included National Pollutant Discharge Elimination System (NPDES) outfall compliance monitoring and sampling.

Endpoint Solutions

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Franklin, Wisconsin 53132
Phone: 414-427-1200
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www.endpointcorporation.com

LANDSCAPE PLAN GENERAL NOTES

PLANT MATERIAL SHOWN ON LANDSCAPE PLAN IS DEPICTED AT MATURE GROWTH.

1. AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES, UTILITIES OR ENTITIES. REVIEW WITH OWNER'S REPRESENTATIVE SITE MECHANICAL, SITE ELECTRICAL AND LIGHTING, SITE GRADING AND DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNER'S REPRESENTATIVE. ALSO REVIEW OWNER'S "MARK SETS" OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LANDSCAPE CONTRACTOR AT NO COST TO OWNER.

2. ALL PLANTINGS SPECIFIED FOR THE HARTFORD SENIOR LIVING PROJECT PLANTING TABLES SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1 2014 AND ANSI STANDARDS FOR PLANTING 2012.

3. ALL DEVIATIONS FROM THE APPROVED HARTFORD SENIOR LIVING PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWINGS BY THE CONTRACTOR AND MAY BE EXECUTED ONLY WITH PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WITHOUT A CHANGE ORDER WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.

4. ALL PLANTS MUST BE BID AND SELECTED PER THE SPECIES SPECIFIED ON THE PLANS. ANY SPECIES SUBSTITUTIONS MUST BE APPROVED IN WRITING BY LANDSCAPE ARCHITECT. THE SIZES OF PLANT MATERIAL LISTED HEREIN IS A MINIMUM ACCEPTABLE SIZE. ADDITIONALLY, IF EXCESSIVE PRUNING REDUCES THE CROWN THE PLANT SHALL BE REPLACED.

5. PROTECT PUBLIC FROM CONSTRUCTION WITH BARRIERS AND BARRICADES.

6. ALL AREAS THAT WERE DISTURBED DURING CONSTRUCTION AND AREAS NOT COVERED WITH PAVEMENT, BUILDING, PLANTING BEDS, OR TREE PITS ARE TO BE TOPSOILED 3" DEEP (MIN.) AND SHALL BE SODDED/SEEDED WITH SPECIFIED LAWN GRASS. LANDSCAPE CONTRACTOR SHALL INCLUDE COST PER SQUARE YARD FOR ADDITIONAL SEED OPERATIONS AS MAY BE POSSIBLY REQUIRED TO REESTABLISH ADJACENT TURF GRASS AREAS WHICH MAY BECOME DAMAGED DURING THE CONSTRUCTION PROCESS OR TO REPAIR DAMAGE DONE BY OTHERS.

7. CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, AND PLANTS NECESSARY FOR PROPER PLANTING AND INSTALLATION OF ALL LANDSCAPE MATERIAL.

8. QUANTITIES ON PLANT MATERIALS LIST ARE FOR CONVENIENCE OF BIDDING ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON LANDSCAPE PLANS AND COVERAGE OF ALL AREAS DELINEATED. THE PLANS ARE TO SUPERSEDE THE PLANT LIST IN ALL CASES.

9. CONTRACTOR IS RESPONSIBLE FOR ALL ESTIMATING AND BIDDING, ALL AREAS, QUANTITIES MATERIALS SHOULD BE FIELD VERIFIED WITH SITE CONDITION.

10. WHERE DISCREPANCIES OCCUR BETWEEN THE LANDSCAPE PLANS AND/OR ARCHITECTURAL AND/OR THE CIVIL DRAWINGS (AND ANY OTHER SITE DRAWINGS) THE DISCREPANCIES MUST BE BROUGHT TO THE LANDSCAPE ARCHITECTS ATTENTION FOR COORDINATION AND RESOLUTION.

11. ALL DISEASED, NOXIOUS OR INAPPROPRIATE MATERIALS SHALL BE REMOVED FROM THE PROPOSED SITE PRIOR TO THE START OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.

12. GENERAL CONTRACTOR SHALL LEAVE THE SITE FREE OF CONSTRUCTION DEBRIS.

13. ALL LAWN AND PLANTING AREAS SHALL SLOPE TO DRAIN A MINIMUM OF 2% UNLESS NOTED OTHERWISE AND REVIEWED WITH OWNER'S REPRESENTATIVE FOR FINAL APPROVAL.

14. FINISH GRADES FOR SHRUB AND GROUND COVER AREAS SHALL BE HELD 1" BELOW TOP OF ADJACENT PAVEMENTS AND CURBS, UNLESS NOTED OTHERWISE ON THE PLANS. REFER TO LSP1.2 FOR FURTHER INFORMATION.

15. ALL PERENNIAL, ANNUAL AND GROUND COVER AREAS TO RECEIVE A BLEND OF ORGANIC SOIL AMENDMENTS PRIOR TO PLANTING. TILL THE FOLLOWING MATERIALS INTO EXISTING TOPSOIL TO A DEPTH OF APPROXIMATELY 8". A DEPTH OF 12" IN TREE PITS. PROPORTIONS AND QUANTITIES MAY REQUIRE ADJUSTMENT DEPENDING ON THE CONDITION OF EXISTING SOIL. REFER TO LSP1.2 FOR FURTHER INFORMATION.
   PER EVERY 100 SQUARE FEET ADD: ONE - 2 CUBIC FOOT BALE OF PEAT MOSS, 2 POUNDS OF 5 -10 -5 GARDEN FERTILIZER, 1/4 CUBIC YARD OF COMPOSTED MANURE OR OTHER COMPOSTED, ORGANIC MATERIAL.

16. ALL SHRUBS TO BE POCKET PLANTED WITH A 50/50 MIX OF COMPOSTED, ORGANIC MATERIAL AND EXISTING SOIL. INSTALL TOPSOIL INTO ALL BEDS AS NEEDED TO ACHIEVE PROPER GRADE. REMOVE ALL EXCESSIVE GRAVEL, CLAY AND STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.

17. PLANT ALL TREES SLIGHTLY HIGHER THAN FINISHED GRADE AT ROOT FLARE. BACK FILL HOLE WITH 2/3 EXISTING TOPSOIL AND ORGANIC SOIL AMENDMENTS SPECIFIED IN NOTE 15. AVOID ANY AIR POCKETS. DISCARD ANY GRAVEL CLAY OR STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.

18. ALL TREES TO BE INSTALLED, STAKED AND GUYED ACCORDING TO DETAILS. REFER TO ANSI STANDARDS FOR PLANTING 2012 AND DETAILS ON LSP1.2 FOR FURTHER INFORMATION.

19. PROVIDE A 4'-0" - 5'-0" DIAMETER MULCH RING AT THE ROOT BALL FLARE OF ALL LAWN TREES.

20. ALL PLANTINGS TO BE WATERED AT THE TIME OF PLANTING, THROUGHOUT CONSTRUCTION AND UPON COMPLETION OF PROJECT AS REQUIRED.

21. WHERE SPECIFIED, ALL PLANT BEDS, PITS AND TREE RINGS ARE TO RECEIVE A MINIMUM OF 2" - 3" DRESSING OF SHREDDED HARDWOODM OAK BARK MULCH SHAVINGS FREE OF GROWTH, WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE OR GERMINATION INHIBITING INGREDIENTS. LANDSCAPE CONTRACTOR TO PROVIDE A SAMPLE TO OWNER FOR APPROVAL. CONTRACTOR TO TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO LSP1.2 FOR FURTHER INFORMATION.

22. LAWN INSTALLATION: CONTRACTOR TO FURNISH AND PREPARE TOPSOIL (3" MIN) AND SEED BED (REMOVE ALL STONES 1" OR LARGER), APPLY STARTER FERTILIZER AND SEED UNIFORMLY. PROVIDE A MULCH COVERING SUITABLE TO GERMINATE AND ESTABLISH TURF. EROSION CONTROL MESH SHOULD BE USED IN SWALES AND STEEP GRADES WHERE APPLICABLE. METHODS OF INSTALLATION MAY VARY AT THE DISCRETION OF CONTRACTOR. IT IS HIS/HER RESPONSIBILITY TO ESTABLISH AND GUARANTEE A SMOOTH, UNIFORM, QUALITY TURF. IF STRAW MULCH IS USED AS A COVERING, A TACKIFIER MAY BE NECESSARY TO AVOID WIND DAMAGE.

23. **DELUXE 50 GRASS SEED MIX REINDER'S (800) 785-3301**
    20% KENTUCKY BLUE GRASS
    15% NEWPORT KENTUCKY BLUE GRASS
    15% SR 2100 Kentucky Bluegrass
    25% Creeping Red Fescue
    15% Replicator Perennial Ryegrass
    10% Fiesta 4 Perennial Ryegrass
    APPLY AT A RATE OF 200 POUNDS PER ACRE. REFER TO SUPPLIERS SPECIFICATIONS & INSTALLATION CUT SHEETS FOR FURTHER FORMATION

24. DURING THE INITIAL "30 DAY MAINTENANCE PERIOD" THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE AND ON-GOING PLEASANT VISUAL ENVIRONMENT WHEREAS ANY PLANT WHICH IS NOT RESPONDING TO TRANSPLANTING OR THRIVING SHALL IMMEDIATELY BE REPLACED. NEW LAWNS SHALL BE WATERED AND REPAIRED AND WEEDS MUST CONSTANTLY BE REMOVED, NO EXCEPTIONS WILL BE GRANTED.
    MAINTENANCE NOTE:
    MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN REQUIRED LANDSCAPING IN ACCORDANCE WITH THE MUNICIPALITY'S PROPERTY MAINTENANCE CODE AND AN APPROVED MAINTENANCE PLAN. THE MAINTENANCE MUST INCLUDE, AT A MINIMUM, METHODS FOR PROVIDING THE FOLLOWING:
    - NECESSARY IRRIGATION (if REQUIRED)
    - INTEGRATED PEST MANAGEMENT,
    - PROPER FERTILIZATION
    - TREE CARE AND PRUNING, SHRUB TIP CLIPPING AND SHAPING AS REQUIRED
    - REPLACEMENT OF LOST VEGETATION, AND ALL DISEASED, DAMAGED, OR DEAD MATERIAL WILL BE REPLACED BY THE END OF THE FOLLOWING PLANTING SEASON IN PERPETUITY.
    - WEED MANAGEMENT AND BED CARE.

25. ALL NEWLY PLANTED TREES AND SHRUBS ARE TO RECIEVE AN APPLICATION OF AN ANTI-TRANSPIRANT SPRAY THAT WILL EFFECTIVELY REDUCE THE WATER LOSS OF TRANSPIRATION OF PLANT MATERIAL AND REDUCE THE STRESS OF TRANSPLANTATION. IT IS RECOMENDED AS PART OF THE ONGOING MAINTENANCE THAT ANY BROADLEAF EVERGREEN AND CONIFEROUS TREE AND SHRUBS (EXCLUDING ARBORVITAE) RECIEVE AN APPLIATION OF AN ANTI-DESICANT SPRAY TO REDUCE THE LOSS OF MOISTURE DUE TO WINTER DESICCATION.

26. MAINTENANCE. THE OWNER SHALL TEND AND MAINTAIN ALL PLANT MATERIALS IN A HEALTHY GROWING CONDITION AS PER THE APPROVED PLAN. PLANTINGS SHALL BE REPLACED WHEN NECESSARY AND KEPT FREE FROM REFUSE & DEBRIS. ALL PLANTING MATERIAL WHICH IS DYING OR DAMAGED BEYOND RECOVERY SHALL BE REPLACED WITHIN SIX (6) MONTHS OR BY THE NEXT PLANTING SEASON, WHICHEVER COMES FIRST.

27. LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS TO BE SALVAGED AND CLEARLY TAG THEM WITH MARKING TAPE AND CONSTRUCTION FENCE.

28. *ALTERNATE BID:* DESIGN IRRIGATION SYSTEM TO BE DESIGNED FOR A OVERLAPPING ZONED SPRINKLER HEAD SYSTEM IN ALL LAWN & ISLAND AREAS AND A DRIP SYSTEM FOR ALL FOUNDATION PLANTING AREAS.

TO OBTAIN LOCATION OF PARTICIPANT'S UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOT LINE

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONIN CALL THE MILWAUKEE UTILITY ALERT NETWORK
www.Diggershotline.com
(800)-242-8511
OR

811 Know what's below. Call 811 before you dig.

InSite LANDSCAPE DESIGN
Landscape Consulting
& Master Planning Design Sevices
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Project:

HARTLAND SENIOR LIVING

Campus Drive
Hartland, WI

Issuance and Revisions:

Date	Number	Description
08/12/24		Plan Commission Submittal

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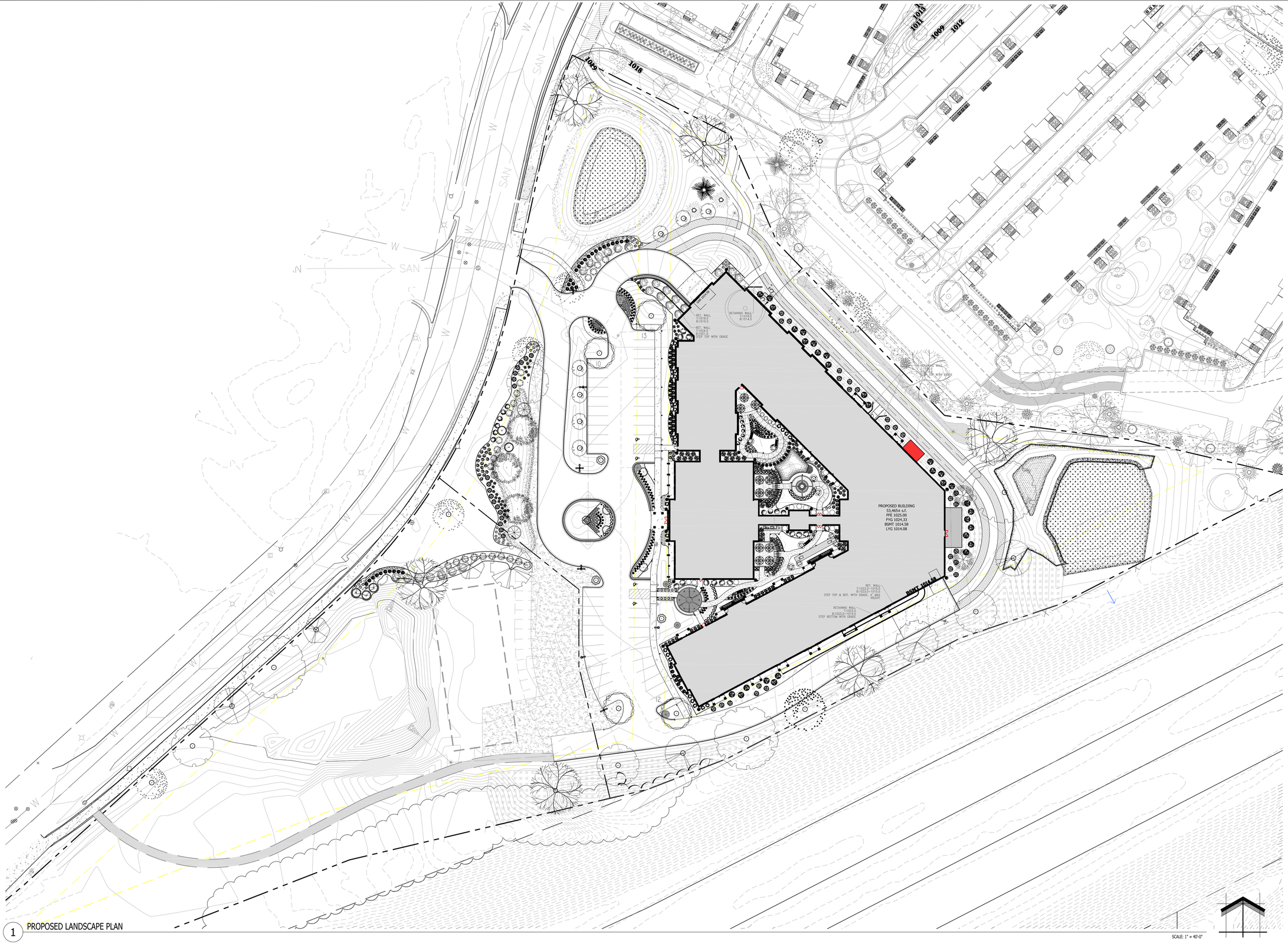
PROPOSED LEGEND SHEET
WITH GENERAL NOTES,

Date of Drawing: 08/12/24
Scale: NONE
Drawn By: MCD
Job Number: L24-037
Sheet Number:

LGD1.0

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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024



1 PROPOSED LANDSCAPE PLAN

InSite LANDSCAPE DESIGN
Landscape Consulting
& Master Planning Design Sevices
11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

Project:

HARTLAND SENIOR LIVING

Campus Drive
Hartland, WI

Issuance and Revisions:

Date	Number	Description
08/12/24		Plan Commission Submittal

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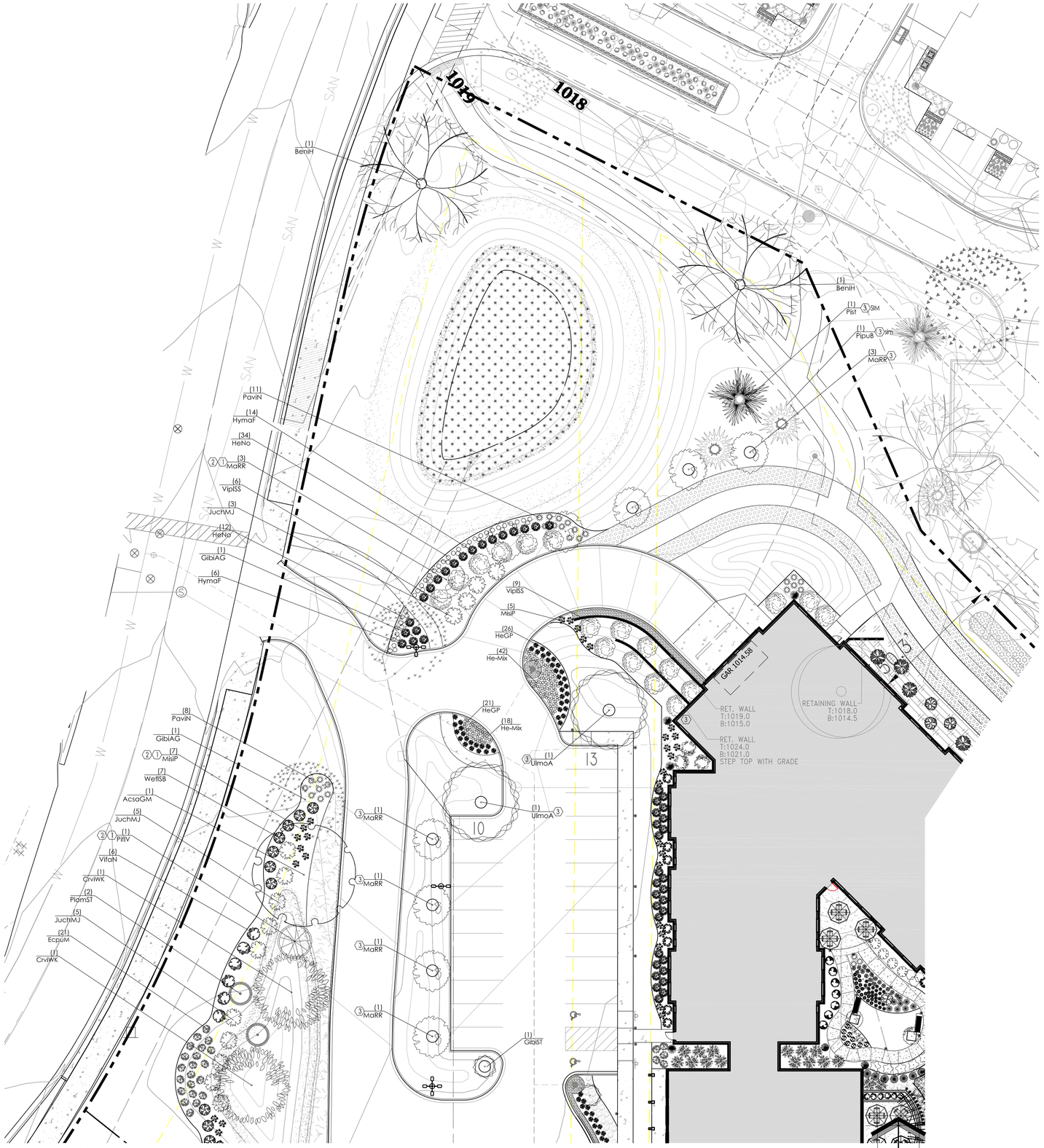
Sheet Title:

PROPOSED OVERALL LANDSCAPE PLAN

Date of Drawing:	08/12/24
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	LSP1.1

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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024



1 PROPOSED PARTIAL LANDSCAPE PLAN

SCALE: 1" = 20'-0"

Proposed Plant Material Table - LSP1.2

Broadleaf Deciduous Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	AcsaGM		Acer Saccharum 'Green Mountain'	Green Mountain Sugar Maple	2 1/2"-Cal - B&B	
2	BeniH		Betula Nigra "Heritage"	Heritage River Birch	2"-Cal - B&B	
2	CrviWK		Crataegus viridis 'Winter King'	Winter King Green Hawthorn	1 1/2" Cal - B&B	
2	GibiAG		Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	3"-Cal - B&B	
1	GibiST		Ginkgo Biloba 'JN9' Sky Tower	Sky Tower Ginkgo	8' - 10' - B&B	
10	MaRR		Malus 'JFS-KW5'	Royal Raindrops Crabapple	1 1/2" Cal - B&B	
2	UlmoA		Ulmus 'Morton' Accolade	Accolade Elm	2 1/2"-Cal - B&B	

Conifer Evergreen Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
2	PiomST		Picea omorika 'Sky Trails'	Sky Trails Serbian Spruce	6' - 7' - B&B	
2	PipuB		Picea pungens 'Glauca'	Colorado blue spruce	6' - 7' - B&B	
1	PitIV		Pinus flexis 'Vanderwolf's Pyramid'	Vanderwolf's Pyramid Limber Pine	5' - 6' - B&B	
1	Pist		Pinus strobus	Eastern white pine	5' - 6' - B&B	

Broadleaf Deciduous Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
20	HymaF		Hydrangea macrophylla 'Fanfare'	Next Generation Wedding Ring Hydrangea	18" - Cont	
6	VifaN		Viburnum farreri 'Nanum'	Dwarf Fragrant Viburnum	18" - Cont	
14	VipISS		Viburnum plicatum tomentosum 'Summer Snowflake'	Summer Snowflake Viburnum	18" - 24"- Cont	
7	WeflSB		Weigela florida 'Bokrasopin'	Sonic Bloom Pink Rebloom Weigela	18" - 24"- Cont	

Conifer Evergreen Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
14	JuchMJ		Juniperus chinensis 'Mint julep'	Mint julep juniper	18" - 24" - B&B	

Perennial Grass

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
12	MisiP		Miscanthus sinensis 'Purpuracens'	Purple Silver Grass	4 1/2" pot	
19	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	

Perennial

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
21	EcpuM		Echinacea purpurea 'Magnus'	Magnus Purple Coneflower	4 1/2" pot	
46	HeNo		Hemerocallis x 'Nosferatu'	Trophytaker Nosferatu Daylily	4 1/2" pot	
43	HeGP		Heuchera x 'Georgia Peach'	Georgia Peach Coral Bells	4 1/2" pot	
64	He-mix		Hemerocallis mix Hemerocallis x 'Swirling Water' Hemerocallis x 'VER00204' Hemerocallis x 'Chicago Apache' Hemerocallis x 'Pink Playmate'	Equal Random Mix of Daylily Swirling Water Daylily Yellow Punch Daylily Chicago Apache Daylily Pink Playmate Daylily	4 1/2" pot	6

Comments

1. Straight central leader, full & even crown. Prune only after planting.
2. Evenly shaped upright tree with full branching to the ground.
3. Full, well rooted plant, evenly shaped.
4. Full, well rooted plant.
5. Male only
6. Tree-form, Single Stem Specimen

1. THE PERMANENT INFILTRATION BASIN SHALL BE CONSTRUCTED AS PART OF THE INITIAL CONSTRUCTION PROJECT.
2. ONCE CONSTRUCTION OF A PERMANENT INFILTRATION BASIN BEGINS, THE INFILTRATION BASIN BOTTOM SHALL BE CORDONED OFF OR SOMEHOW DESIGNATED AS BEING PROTECTED FROM COMPACTION FROM HEAVY EQUIPMENT.
3. TOPSOIL & OVERBURDEN SHALL BE OVER-EXCAVATED AS NECESSARY TO EXPOSE SANDY SOILS SUITABLE FOR STORMWATER INFILTRATION, AS VERIFIED BY THE GEOTECHNICAL ENGINEER.
   3.1. A POST CONSTRUCTION INFILTRATION TEST IS REQUIRED FOR EACH BAY OF THE INFILTRATION BASIN, WITH RESULTS PROVIDED TO TO THE DESIGN ENGINEER.
4. BASIN CONSTRUCTION SHALL BE SUSPENDED IN PERIODS OF RAINFALL AND SNOWMELT AND SHALL REMAIN SUSPENDED IF PONDED WATER IS PRESENT.
5. PROVIDE COMPOST MIXTURE PER PLAN TO THE IDENTIFIED BOTTOM INFILTRATION AREAS. THE COMPOST COMPONENT SHALL MEET THE REQUIREMENTS OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES SPECIFICATIONS S100 - COMPOST. EXISTING SOILS IN COMPOSTED AREAS SHALL BE HELD 3" LOW, 3" OF COMPOST SHALL BE ADDED BRINGING TO FINAL GRADE, AFTER PLACEMENT OF COMPOST PROVIDE 12" DEEP TILL.
6. REFER TO THE LANDSCAPE PLAN FOR FINAL SPECIFICATIONS AND INFORMATION FOR INFILTRATION BASIN PLANTINGS, STABILIZATION, ETC. ANY INFORMATION SHOWN ON THE SITE CIVIL PLANS RELATED TO PLANTINGS/EXPOSED SOILS/INFILTRATION ZONES/ETC. SHALL BE SUPERCEDED BY THE LANDSCAPE PLAN. ALL SIDE SLOPES 4:1 OR GREATER SHALL BE PROVIDED WITH CLASS I, TYPE A EROSION MATTING.
7. DURING CONSTRUCTION, INFILTRATION BASIN MAY REQUIRE PERIODIC REMOVAL OF SEDIMENT ACCUMULATED IN THE BOTTOM OF THE BASIN. THIS IS NECESSARY TO KEEP THE INFILTRATION BASINS INFILTRATING AT A HIGHER RATE; IMPORTANT TO THIS SITE THAT IS REQUIRED TO INFILTRATE 100% OF ALL RUNOFF. SEDIMENT REMOVED FROM BASIN BOTTOMS SHALL BE PLACED IN AN AREA UPSLOPE OF A WET FOREBAY.
8. REFER TO THE STORM WATER MANAGEMENT PRACTICE MAINTENANCE AGREEMENT FOR POST-CONSTRUCTION MAINTENANCE ACTIVITIES, INCLUDING MAINTENANCE OF THE INFILTRATION BASINS.

Economy Prairie Seed Mix for Upper 1/3 of the Stormwater Management Bowl& Adjacent Areas from Agrecol

Quantity	Symbol	Supplier	Type
12,500 sq. ft.		Agrecol	Economy Prairie Seed Mix - mixture contains 7 native permanent grass/ sedge species and 16 native forb species. Apply at a rate of 10 PLS LBS/Acre. Refer to cut sheets for mix specifics and installation instructions.

Stormwater/Bioinfiltration Seed Mix for lower 2/3's of the Stormwater Management Bowl from Agrecol

Quantity	Symbol	Supplier	Type
15,000 sq. ft.		Agrecol	Stormwater/Bioinfiltration Seed Mix - mixture contains 13 native permanent grass/ sedge species and 19 native forb species. Apply at a rate of 6 PLS LBS/Acre. Refer to cut sheets for mix specifics and installation instructions.

Infiltration Swale Prairie Seed Mix @ Stormwater Management Area from Agrecol

Quantity	Symbol	Supplier	Type
1,800 sq. ft. VERIFY		Agrecol	Native Prairie Swale Enhancement Seed Mix - mixture contains 11 native permanent grass/ sedge species and 10 native forb species. Apply at a rate of 9 PLS LBS/Acre. Refer to cut sheets for mix specifics and installation instructions.

Rainwater Renewal Prairie Seed Mix @ Stormwater Management Area from Agrecol

Quantity	Symbol	Supplier	Type
1,300 sq. ft. VERIFY		Agrecol	Rainwater Renewal Seed Mix - mixture contains 15 native permanent grass/ sedge species and 20 native forb species. Apply at a rate of 8 PLS LBS/Acre Refer to cut sheets for mix specifics and installation instructions.

Native Slope Stabilization Seed Mix from Agrecol

Quantity	Symbol	Supplier	Type
21,000 sq. ft. VERIFY		Agrecol	Native Slope Stabilization Seed Mix - mixture contains 8 native permanent grass/ sedge species, 8 native forb species and annual rye for temporary cover. Apply at a rate of 25 PLS LBS/Acre Refer to cut sheets for mix specifics and installation instructions.

No-Mow Low Grow Grass Seed Mix from Reinder's

Quantity	Symbol	Supplier	Type
32,500 sq. ft. VERIFY		REINDER'S	NO-MOW LOW GROW GRASS SEED MIX - mixture contains native fescue and rye permanent grass species. Refer to cut sheets for mix specifics and installation instructions.

SALT TOLERANT Seed Mix @ Road Verge Areas from Reinders

Quantity	Symbol	Supplier	Type
13,400 sq. ft. VERIFY		Reinders	SALT TOLERANT GRASS SEED MIX REINDER'S - 20% GARNET CREEPING RED FESCUE, 20% SHORELINE SLENDER CREEPING RED FESCUE, 20% CREST KENTUCKY BLUEGRASS, 15% SPARTAN II HARD FESCUE, 15% QUATRO SHEEP FESCUE, 15% WINWARD CHEWINGS FESCUE. APPLY AT A RATE OF 3-5 POUNDS PER ACRE. REFER TO SUPPLIERS SPECIFICATIONS AND INSTALLATION CUT SHEETS FOR FURTHER INFORMATION.

InSite Landscape Design

Landscape Consulting & Master Planning Design Sevices

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Project:

HARTLAND SENIOR LIVING

Campus Drive
Hartland, WI

Issuance and Revisions:

Date	Number	Description
08/12/24		Plan Commission Submittal

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Sheet Title:

PROPOSED LANDSCAPE PLAN, GENERAL NOTES, AND PLANT MATERIAL TABLE

Date of Drawing:	08/12/24
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	LSP1.2

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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024

Proposed Plant Material Table - LSP1.3

Broadleaf Deciduous Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
2	AcsaGM		Acer Saccharum 'Green Mountain'	Green Mountain Sugar Maple	2 1/2"-Cal - B&B	
2	BeniH		Betula Nigra "Heritage"	Heritage River Birch	2"-Cal - B&B	
1	CeocPP		Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	2 1/2"-Cal - B&B	
1	CrviWK		Crataegus viridis 'Winter King'	Winter King Green Hawthorn	1 1/2" Cal - B&B	
2	GibiAG		Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	3"-Cal - B&B	
6	GibiST		Ginkgo Biloba 'JN9' Sky Tower	Sky Tower Ginkgo	8' - 10' - B&B	
1	GydiE		Gymnocladus dioicus 'Espresso'	Espresso Kentucky Coffee Tree	2 1/2"-Cal - B&B	
1	MaRR		Malus 'JFS-KW5'	Royal Raindrops Crabapple	1 1/2" Cal - B&B	
2	NysyW		Nyssa sylvatica 'Wildfire'	Wildfire Black Gum	2 1/2"-Cal - B&B	
1	Qubi		Quercus bicolor	Swamp White Oak	3"-Cal - B&B	
1	UlmoA		Ulmus 'Morton' Accolade	Accolade Elm	2 1/2"-Cal - B&B	

Conifer Evergreen Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	PiomST		Picea omorika 'Sky Trails'	Sky Trails Serbian Spruce	6' - 7' - B&B	
1	PiflV		Pinus flexis 'Vanderwolf's Pyramid'	Vanderwolf's Pyramid Limber Pine	5' - 6' - B&B	

Broadleaf Deciduous Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
10	HymaF		Hydrangea macrophylla 'Fanfare'	Next Generation Wedding Ring Hydrangea	18" - Cont	
7	ViplSS		Viburnum plicatum tomentosum 'Summer Snowflake'	Summer Snowflake Viburnum	18" - 24"- Cont	
11	WeflSB		Weigela florida 'Bokrasopin'	Sonic Bloom Pink Reblooming Weigela	18" - 24"- Cont	

Conifer Evergreen Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
10	JuchMJ		Juniperus chinensis 'Mint julep'	Mint Julep juniper	18" - 24" - B&B	
2	JucoGC		Juniperus communis 'Gold Cone'	Gold Cone Juniper	24" - 30" - Cont	
11	ThocB		Thuja occidentalis 'Bobazam'	Mr. Bowling Ball Arborvitae	18" - 24"- Cont	

Perennial Grass

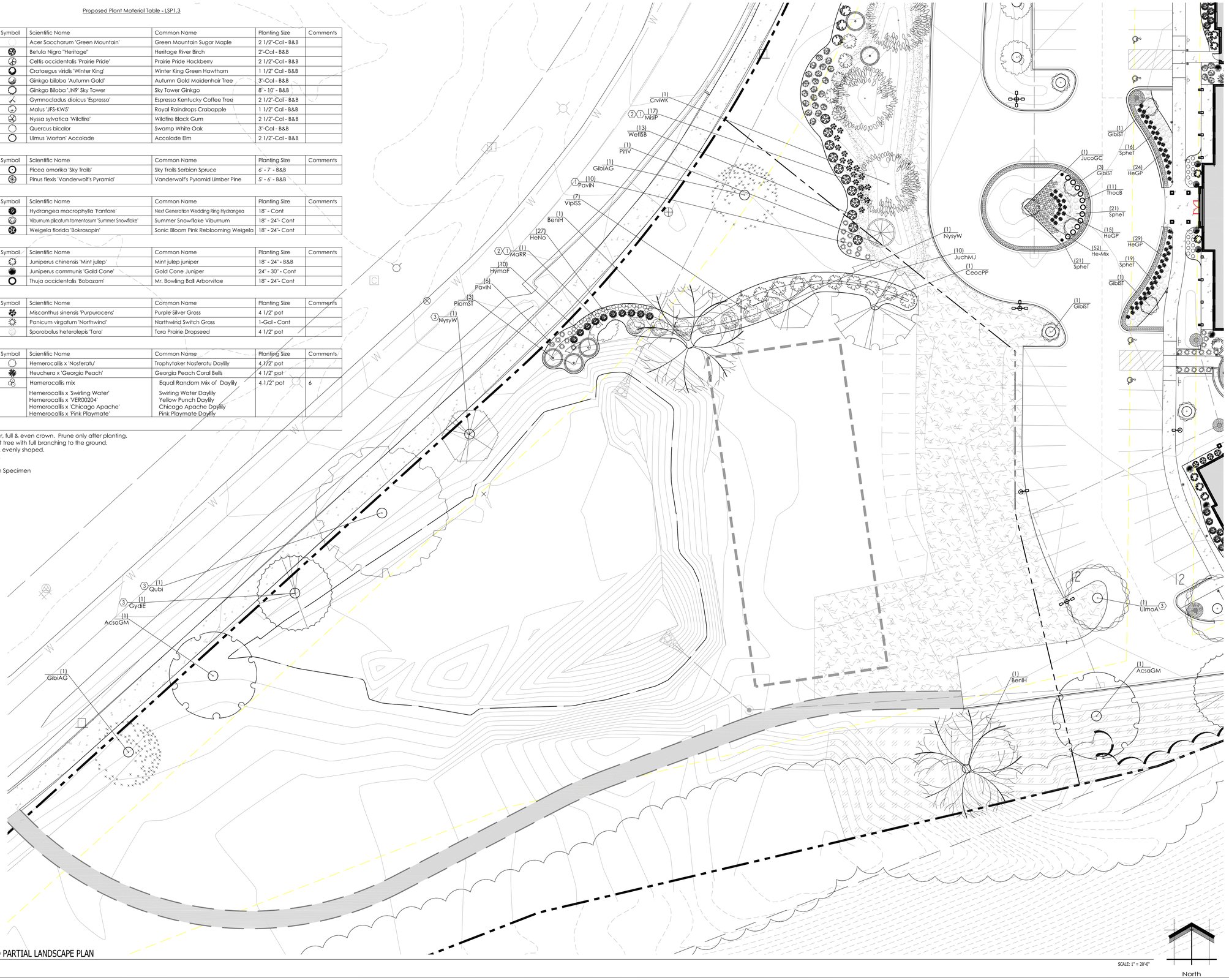
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
17	MisiP		Miscanthus sinensis 'Purpuracens'	Purple Silver Grass	4 1/2" pot	
16	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	
56	SpheT		Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	4 1/2" pot	

Perennial

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
27	HeNo		Hemerocallis x 'Nosferatu'	Trophytaker Nosferatu Daylily	4 1/2" pot	
68	HeGP		Heuchera x 'Georgia Peach'	Georgia Peach Coral Bells	4 1/2" pot	
52	He-mix		Hemerocallis mix Hemerocallis x 'Swirling Water' Hemerocallis x 'VER00204' Hemerocallis x 'Chicago Apache' Hemerocallis x 'Pink Playmate'	Equal Random Mix of Daylily Swirling Water Daylily Yellow Punch Daylily Chicago Apache Daylily Pink Playmate Daylily	4 1/2" pot	6

Comments

1. Straight central leader, full & even crown. Prune only after planting.
2. Evenly shaped upright tree with full branching to the ground.
3. Full, well rooted plant, evenly shaped.
4. Full, well rooted plant.
5. Male only
6. Tree-form, Single Stem Specimen



1 PROPOSED PARTIAL LANDSCAPE PLAN

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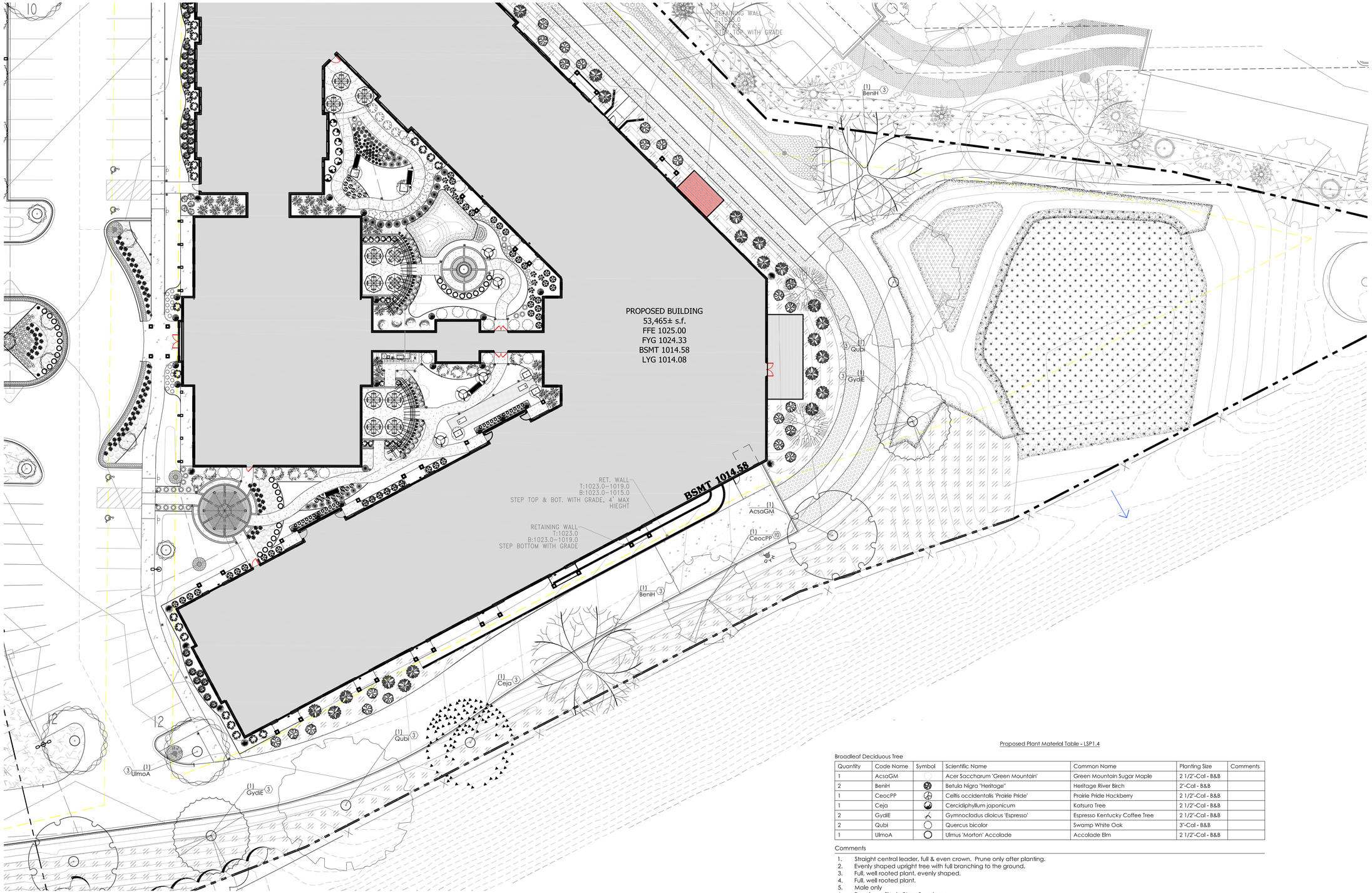
PROPOSED LANDSCAPE PLAN,
GENERAL NOTES,
AND PLANT MATERIAL TABLE

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Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	LSP1.3

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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024



1 PROPOSED PARTIAL LANDSCAPE PLAN

SCALE: 1" = 20'-0"

North

Proposed Plant Material Table - LSP1.4

Broadleaf Deciduous Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	AcsaGM		Acer Saccharum 'Green Mountain'	Green Mountain Sugar Maple	2 1/2"-Cal - B&B	
2	BeniH		Betula Nigra "Heritage"	Heritage River Birch	2"-Cal - B&B	
1	CeocPP		Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	2 1/2"-Cal - B&B	
1	Ceja		Cercidiphyllum japonicum	Katsura Tree	2 1/2"-Cal - B&B	
2	GydiE		Gymnocladus dioicus 'Espresso'	Espresso Kentucky Coffee Tree	2 1/2"-Cal - B&B	
2	QubI		Quercus bicolor	Swamp White Oak	3"-Cal - B&B	
1	UlmoA		Ulmus 'Morton' Accolade	Accolade Elm	2 1/2"-Cal - B&B	

Comments

1. Straight central leader, full & even crown. Prune only after planting.
2. Evenly shaped upright tree with full branching to the ground.
3. Full, well rooted plant, evenly shaped.
4. Full, well rooted plant.
5. Male only
6. Tree-form, Single Stem Specimen

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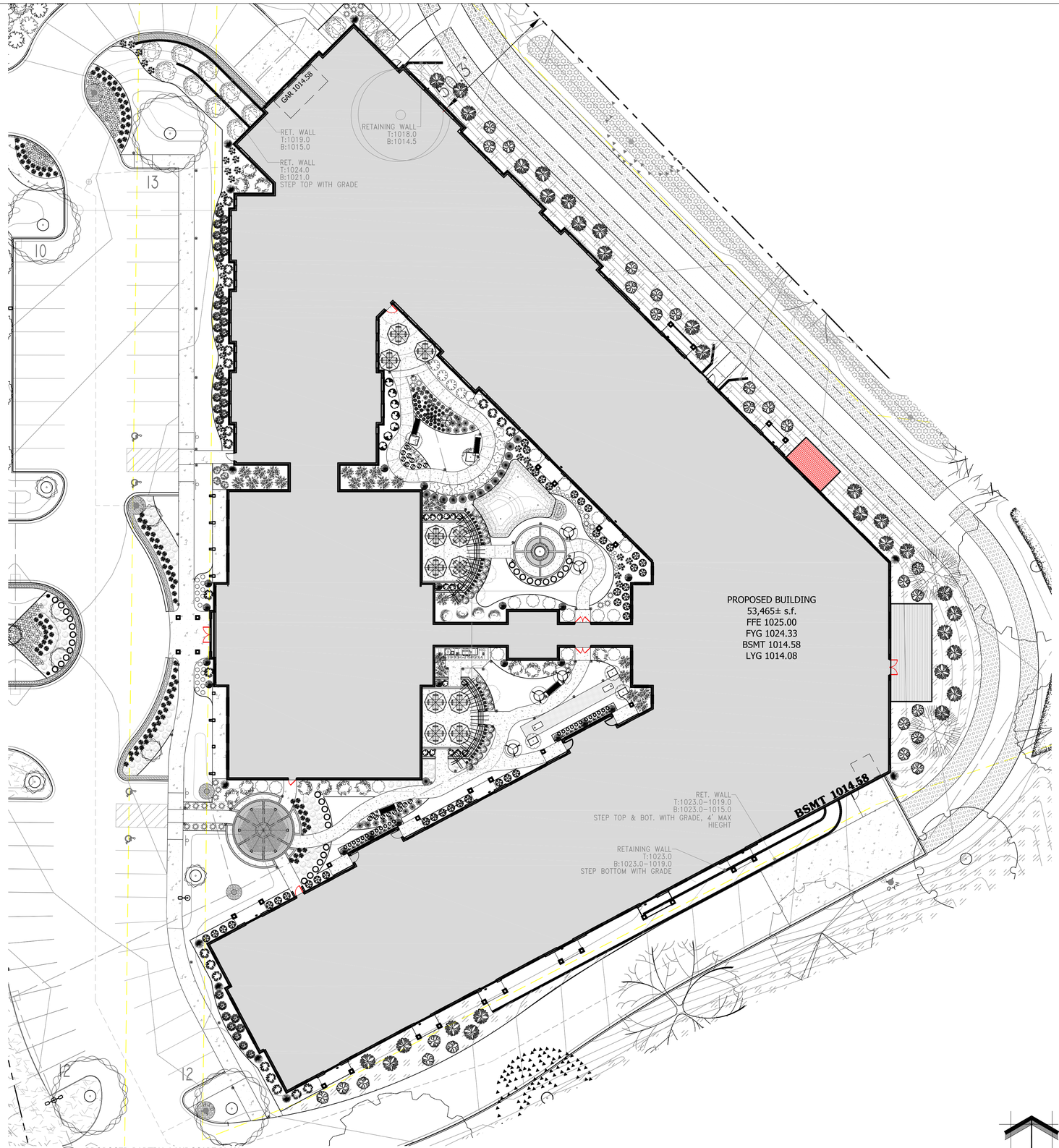
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Drawn By:	MCD
Job Number:	L24-037
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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024



1 PROPOSED PARTIAL LANDSCAPE PLAN

SCALE: 1" = 20'-0"

North

Proposed Plant Material Table - Foundation

Broadleaf Deciduous Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
2	AlgI		Alnus glutinosa	Common alder	10' - 12' - Clump B&B	

Conifer Evergreen Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
10	JuviT		juniperus virginiana taylor	Taylor Redcedar	5' - 6' - B&B	

Broadleaf Deciduous Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
26	ArarB		Aronia arbutifolia 'Brillantissima'	Brilliant Red Chokeberry	18" - 24"- Cont	
7	DispKF		Diervilla x splendens 'Kodiak Fresh'	Kodiak Fresh Bush Honeysuckle Diervilla	18" - Cont	
3	EuaIUF		Euonymus alatus 'Unforgettable Fire'	Unforgettable Fire Burning Bush	18" - 24" - B&B	
36	HymaF		Hydrangea macrophylla 'Fanfare'	Next Generation Wedding Ring Hydrangea	18" - Cont	
21	Syor		Symphoricarpos orbiculatus	Coralberry	18" - 24"- Cont	
3	ViplSS		Viburnum plicatum tomentosum 'Summer Snowflake'	Summer Snowflake Viburnum	18" - 24"- Cont	

Conifer Evergreen Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
4	JuscM		Juniperus scopulorum 'Medora'	Medora Juniper	4' - B&B	
17	JupfSG		Juniperus x pfitzeriana 'MonSan'	Sea of Gold Juniper	18" - 24" - B&B	

Perennial Grass

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
16	MisiP		Miscanthus sinensis 'Purpuracens'	Purple Silver Grass	4 1/2" pot	
6	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	

Perennial

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
5	EcpuM		Echinacea purpurea 'Magnus'	Magnus Purple Coneflower	1-Gal - Cont	
19	HeNo		Hemerocallis x 'Nosferatu'	Trophytaker Nosferatu Daylily	4 1/2" pot	
7	HoHB		Hosta Shadowland 'HudsonBay'	Shadowland HudsonBay Hosta	1-Gal - Cont	

Proposed Plant Material Table - Courtyard

Broadleaf Deciduous Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	AcshAM		Acer shirasawanum 'Autumn Moon'	Autumn Moon Fullmoon Maple	60"- Cont	
1	FasyRO		Fagus sylvatica 'Red Obelisk'	Red Obelisk Beech	6' - B&B	
1	GibiST		Ginkgo Bilboa 'JN9' Sky Tower	Sky Tower Ginkgo	6' - B&B	
8	MasaSA		Malus sargentii Select A'	Firebird Crabapple	1 1/2" Cal - B&B	

Conifer Evergreen Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	JuviT		juniperus virginiana taylor	Taylor Redcedar	5' - 6' - B&B	

Broadleaf Deciduous Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	CoavRD		Corylus avellana 'Red Dragon'	Red Dragon Ornamental Hazelnut	24" - 30" - B&B	
33	DispKF		Diervilla x splendens 'Kodiak Fresh'	Kodiak Fresh Bush Honeysuckle Diervilla	18" - Cont	
10	EuaIUF		Euonymus alatus 'Unforgettable Fire'	Unforgettable Fire Burning Bush	18" - 24" - B&B	
16	HymaR		Hydrangea macrophylla 'Robert'	Let's Dance Moonlight Hydrangea	18" - Cont	
3	HypaL		Hydrangea paniculata 'Limelight'	Limelight Hardy Hydrangea	5' - Cont	
1	HypaL		Hydrangea paniculata 'Limelight'	Limelight Hardy Hydrangea	3' - 4' - Cont	
5	HypaQF		Hydrangea paniculata 'Quick Fire'	Quick Fire Hardy Hydrangea	60"- Cont	
16	PhopGW		Physocarpus opulifolius 'Ginger Wine'	Ginger Wine Ninebark	18" - 24"- Cont	
9	PhopJ		Physocarpus opulifolius 'Jefam'	First Editions Amber Jubilee Ninebark	18" - 24" - B&B	
24	RoRa		Rosa x 'Radtko'	Double Knock Out Rose	18" - 24"- Cont	
4	SpFL		Spiraea x 'Fire Light'	Fire Light Spirea	18" - Cont	

Broadleaf Evergreen Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
15	BuGM		Buxus 'Green Mountain'	Green Mountain Boxwood	30" - B&B	
4	RhEB		Rhododendron x 'Edith Bosley'	Edith Bosley Rhododendron	4 1/2" pot	
7	RhF		Rhododendron x 'Firestorm'	Firestorm Rhododendron	18" - Cont	

Conifer Evergreen Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
15	JuscM		Juniperus scopulorum 'Medora'	Medora Juniper	4' - B&B	
1	JuviT		juniperus virginiana taylor	Taylor Redcedar	5' - 6' - B&B	
4	JupfSG		Juniperus x pfitzeriana 'MonSan'	Sea of Gold Juniper	18" - 24" - B&B	
21	ThocB		Thuja occidentalis 'Bobazam'	Mr. Bowling Ball Arborvitae	18" - 24"- Cont	

Grass

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
5	AngeB		Andropogon gerardii 'Blackhawks'	Blackhawks Big Bluestem	1-Gal - Cont	
20	DecePF		Deschampsia cespitosa 'Pixie Fountain'	Pixie Fountain Tufted Hair Grass	1-Gal - Cont	
9	MisiP		Miscanthus sinensis 'Purpuracens'	Purple Silver Grass	4 1/2" pot	
26	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	
17	ScscC		Schizachyrium scoparium 'Carousel'	Carousel Little Blue Stem	1-Gal - Cont	
19	Sphe		Sporobolus Heterolepis	Prairie Dropseed	1-Gal - Cont	
17	SpheT		Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	4 1/2" pot	

Perennial

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	BaM		Baptisia 'Midnight'	Midnight Prairieblues Indigo	1-Gal - Cont	
43	EcpuPW		Echinacea purpurea 'PAS702917'	Pow Wow Wild Berry Coneflower	4 1/2" pot	
22	EcpuPW		Echinacea purpurea 'PAS702917'	Pow Wow Wild Berry Coneflower	4 1/2" pot	
22	HeLB		Hemerocallis x 'Little Business'	Little Business Dwarf Daylily	4 1/2" pot	
17	HeGP		Heuchera x 'Georgia Peach'	Georgia Peach Coral Bells	4 1/2" pot	
18	HoHB		Hosta Shadowland 'HudsonBay'	Shadowland HudsonBay Hosta	1-Gal - Cont	
16	LesuRG		Leucanthemum x superbum 'Real Glory'	Real Glory Shasta Daisy	4 1/2" pot	
19	PeatLS		Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	4 1/2" pot	
16	RuTE		Rudbeckia 'TigerEye'	TigerEye Gloriosa Daisy	4 1/2" pot	
24	SeR		Sedum 'Razzleberry'	Sunsparkler Dazzleberry Sedum	4 1/2" pot	

Comments

1. Straight central leader, full & even crown. Prune only after planting.
2. Evenly shaped upright tree with full branching to the ground.
3. Full, well rooted plant, evenly shaped.
4. Full, well rooted plant.
5. Male only
6. Tree-form, Single Stem Specimen

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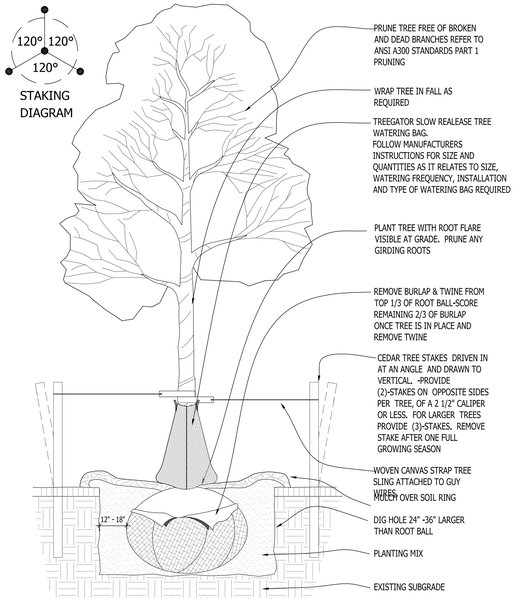
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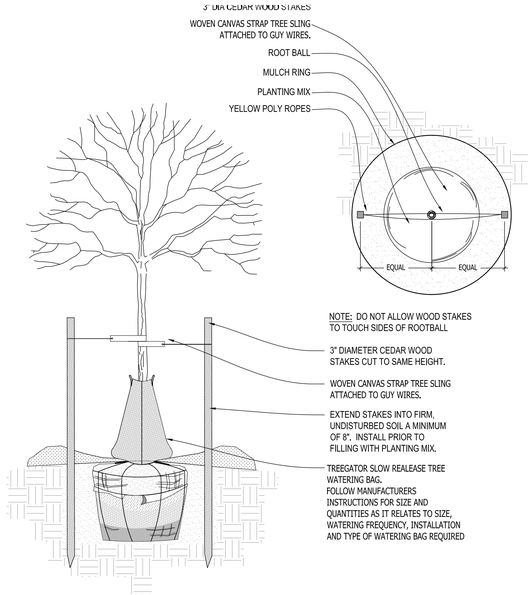
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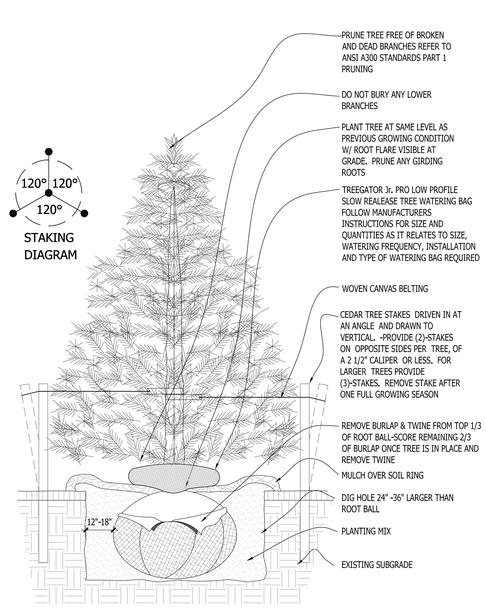
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SCALE: NONE



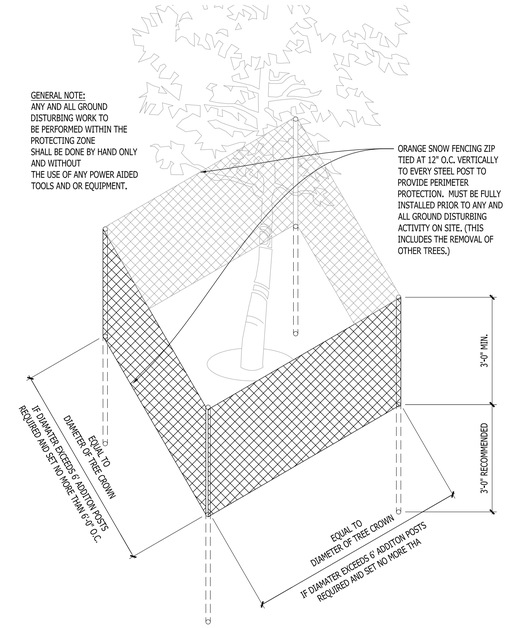
2 DECIDUOUS TREE STAKING
PARKING ISLAND/RESTRICTED AREAS

SCALE: NONE



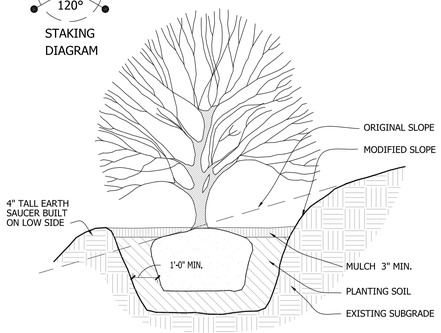
3 CONIFEROUS TREE PLANTING DETAIL

SCALE: NONE



4 EXISTING TREE PROTECTION DETAIL

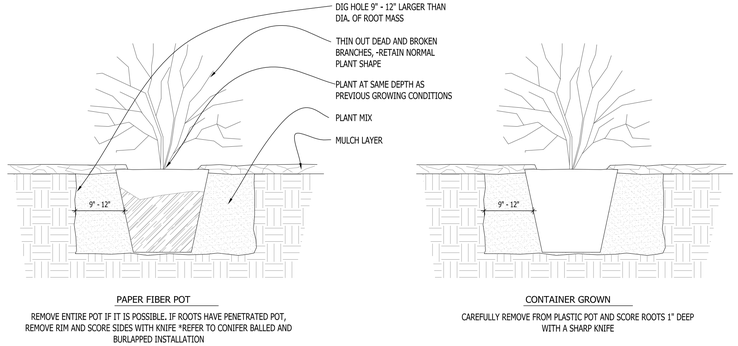
SCALE: NONE



5 SLOPE PLANTING DETAIL

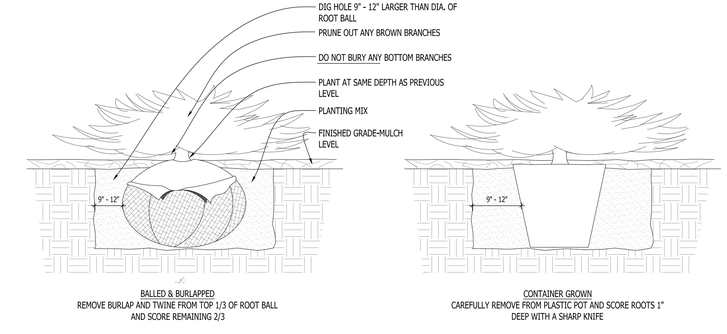
SCALE: NONE

REFER TO TYPICAL DECIDUOUS TREE DETAIL FOR STAKING



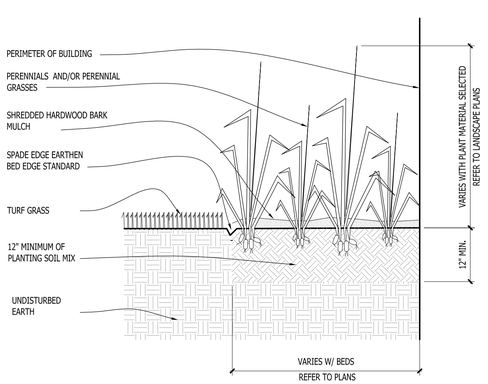
6 DECIDUOUS SHRUB PLANTING DETAIL

SCALE: NONE



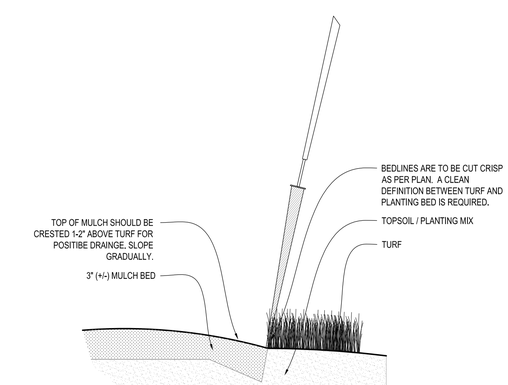
7 CONIFEROUS SHRUB PLANTING DETAIL

SCALE: NONE



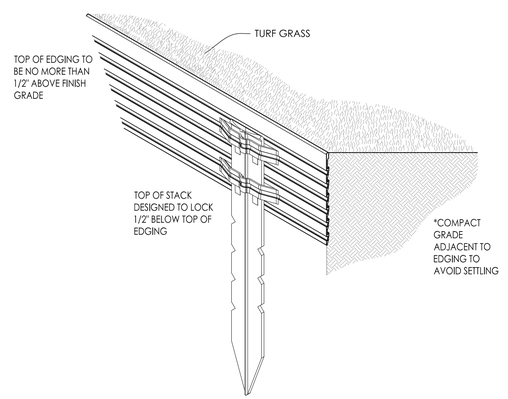
8 PERENNIAL BED PLANTING DETAIL

SCALE: NONE



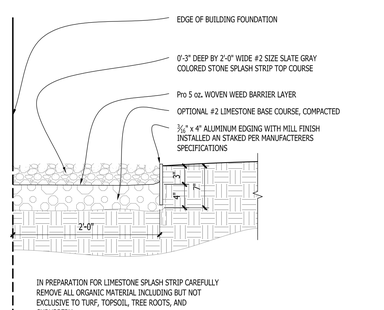
9 SPADE EDGE PLANT BED EDGE DETAIL

SCALE: NONE



10 METAL LANDSCAPE EDGING DETAIL

SCALE: 1/2" = 1'-0"



11 COMPACTED GRAVEL SPLASH STRIP

SCALE: 1" = 1'-0"

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Sheet Title:

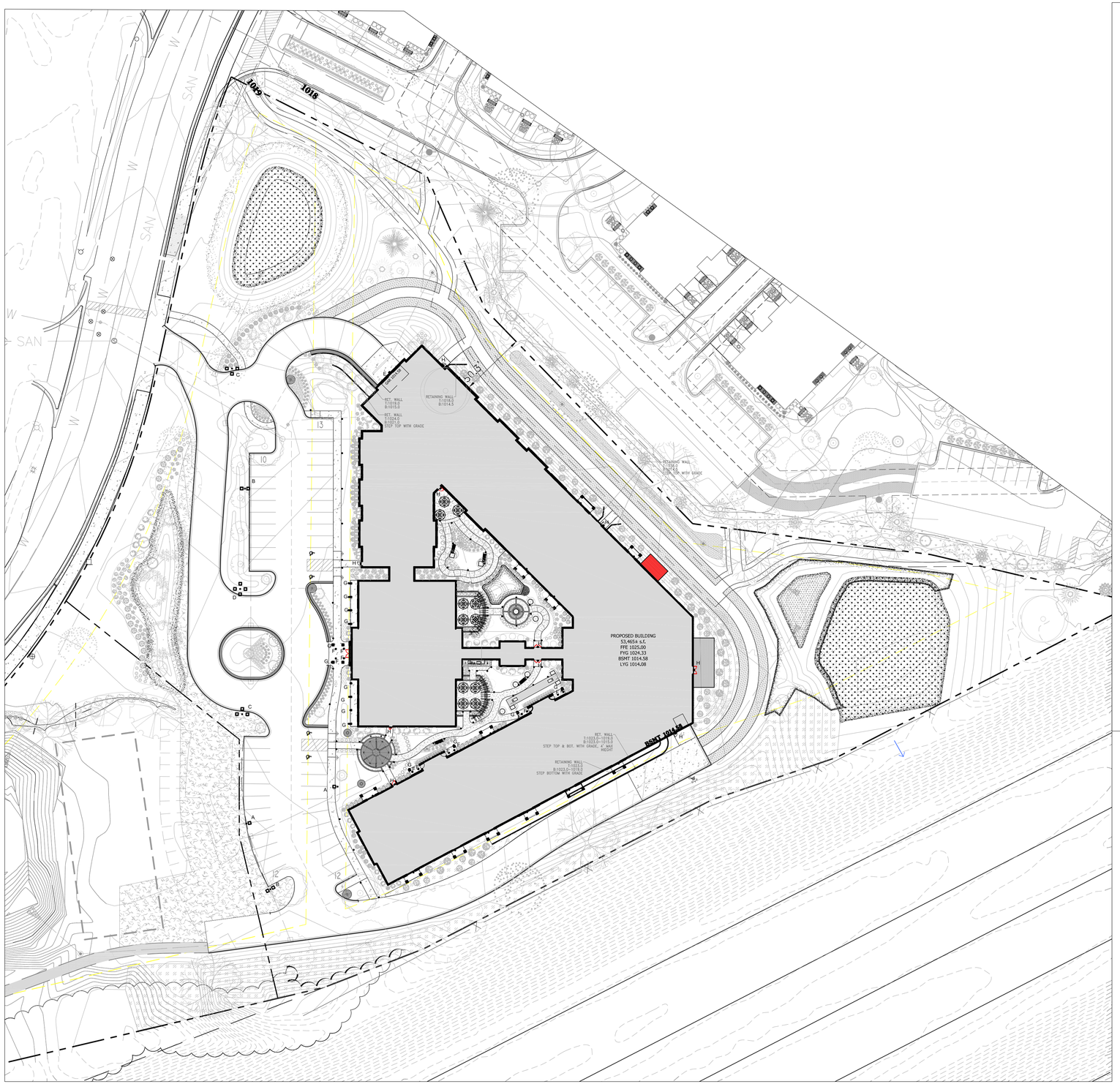
PROPOSED LANDSCAPE PLAN, PLANTING DETAILS

Date of Drawing:	08/12/24
Scale:	As Noted
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	LSP1.6

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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024



1 PROPOSED OVERALL SITE LIGHTING PLAN

SCALE: 1" = 40'-0"

North

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	2	EACL01_D3AW740 _____WITH ELS--EAC-ABL-BLCK	EACL AREA LIGHT	LEDs	EACL01_D3AW740_____-ELS-EAC-ABL-BLCK.ies	Absolute	1.00	73
	B	2	EACL01_F4AF750 _____WITH ELS--EAC-ABL-BLCK	EACL AREA LIGHT	LEDs	EACL01_F4AF750_____-ELS-EAC-ABL-BLCK.ies	Absolute	1.00	244
	C	2	EACL01_F4AF750 _____WITH ELS--EAC-ABL-BLCK	EACL AREA LIGHT	LEDs	EACL01_F4AF750_____-ELS-EAC-ABL-BLCK.ies	Absolute	1.00	366
	D	1	EACL01_F4AF750 _____WITH ELS--EAC-ABL-BLCK	EACL AREA LIGHT	LEDs	EACL01_F4AF750_____-ELS-EAC-ABL-BLCK.ies	Absolute	1.00	488
	E	1	EWLS02_40AF740 _____-120-277V	EWLS02 WALL PACK	LEDs	EWLS02_40AF740_____-120-277V.ies	Absolute	1.00	27
	F	12	ECLS01_A5SM730 _____-120-277V	EVOLVE CANOPY LED SOFFIT - ECLS01	LED	ECLS01_A5SM730_____-120-277V.ies	Absolute	1.00	39
	G	14	CCT: 2938K, CRI: 80.9Ra	WCED3D-17W-830	LED_Wallcylinder	WCED3D-17W--830-W.IES	Absolute	1.00	16.3
	H	10	EWLS02_25AF740 _____-120-277V	EWLS02 WALL PACK	LEDs	EWLS02_25AF740_____-120-277V.ies	Absolute	1.00	17
	J	64	RT4xx-26L45T3-MDL05-CA	RT400 Series Rialta Light Column, Type 3, Clear Acrylic Lens	26 LEDs	RT436-26L45T3-MDL05-CA.IES	Absolute	1.00	46.8

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	1.4 fc	87.5 fc	0.0 fc	N / A	N / A
Calc Zone #2	+	10.2 fc	56.8 fc	0.0 fc	N / A	N / A

LUMINAIRE NOTES

1. FIXTURE "A" (2) IS A NEW POLE LOCATION w/ NEW POLE MOUNTED FIXTURE (SINGLE HEAD AND TENON w/ **BACKLIGHT/HOUSE SIDE SHEILD**). FIXTURES ARE TO BE INSTALLED ON A NEW 2'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 20' -0" SQUARE BLACK POLE .
2. FIXTURE "B" (2) IS A NEW POLE LOCATION w/ NEW POLE MOUNTED FIXTURES (TWIN HEAD AND TENON). FIXTURES ARE TO BE INSTALLED ON A NEW 2'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 22' -0" SQUARE BLACK POLE .
3. FIXTURE "C IS A NEW POLE LOCATION w/ NEW POLE MOUNTED FIXTURES (TWIN HEAD AND TENON). FIXTURES ARE TO BE INSTALLED ON A NEW 2'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 22' -0" SQUARE BLACK POLE .
4. FIXTURE "D" (1) IS A NEW POLE LOCATION w/ NEW POLE MOUNTED FIXTURES (TWIN HEAD AND TENON). FIXTURES ARE TO BE INSTALLED ON A NEW 2'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 22' -0" SQUARE BLACK POLE .
5. FIXTURE "J" (64) NEW ARTIECTURAL BOLLARD TO BE MOUNTED AND INSTALLED ON A NEW 0'-6" POURED CONCRETE BOLLARD BASE FOUNDATION.
6. ALL NEW PROPOSED AREA LIGHT POLES SHALL BE LOCATED 3-0" FROM BACK OF CURB TO THE EDGE (WHERE APPLICABLE) OR FACE OF THE REINFORCED LIGHT POLE BASE. UNLESS NOTED OTHERWISE.
7. INSTALLATION CONTRACTOR TO REFER TO ELECTRICAL PLANS FOR CONDUIT ROUTING OF LIGHT POLES AND SIGNAGE LIGHTING CONTROL AND WIRING.
8. CONTRACTOR TO REFER TO REINFORCED LIGHT POLE BASE SECTIONS AND DETAILS FOR FURTHER INFORMATION.
9. ALL NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL EXPOSED FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIM COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.
10. ALL BUILDING MOUNTED LIGHT FIXTURES ARE FOR REFERENCE ONLY AND ARE TO BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS AND ELECTRICAL DRAWINGS FOR EXACT MOUNTING HEIGHTS, LOCATIONS AND QUANTITIES.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS ARE CALCULATED VALUES INCLUDE DIRECT AND INTER-REFLECTED COMPONENTS.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE. TOLERANCE IN LAMPS/LED'S AND OTHER MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S AND OTHER VARIABLE FIELD CONDITIONS. CALCULATIONS DO NOT INCLUDE OBSTRUCTIONS SUCH AS BUILDINGS CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED.

PHOTOMETRIC PLAN GENERAL NOTES

1. BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POLE PLACEMENTS AND LUMINAIRE ORIENTATION. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO RELEVANT FIELD CONDITIONS.
2. THE DEPICTED ILLUMINATION RESULTS ARE BASED UPON ILLUMINATION MEASUREMENTS AS CALCULATED BY AN INDEPENDENT LABORATORY. LUMINAIRE CHARACTERISTICAL DATA WAS MEASURED UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH APPROVED ILLUMINATION ENGINEERING SOCIETY METHODS. ACTUAL ON-SITE PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY FROM LABORATORY TEST RESULTS DUE TO VARIATIONS IN: ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
3. IF EXISTING LUMINAIRES ARE INCLUDED IN THIS REPORT, THEIR ILLUMINATION CHARACTERISTICS ARE BASED UPON A COMBINATION OF CUSTOMER'S PROVIDED SPECIFICATIONS & OUR BEST ESTIMATION.
4. *ALL EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIM COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.*

EXISTING CONDITIONS GENERAL NOTES

1. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE ARCHITECTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
2. VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES I.E. WATER, SEWER, ELECTRICAL, TELECOMUNICATION AND ACCESS PANELS FOR ALL UTLITIES AND ALL ASSOCIATED EQUIPMENT FOR ACCESSIBILITY OF THOSE ITEMS.
3. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOT LINE

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONIN CALL THE MILWAUKEE UTILITY ALERT NETWORK
www.Diggershotline.com
(800)-242-8511
OR

811 Know what's below. Call 811 before you dig.

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Project:

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Campus Drive
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Issuance and Revisions:

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Sheet Title:

PROPOSED OVERALL SITE LIGHTING PLAN, GENERAL NOTES, AND LIGHT FIXTURE TABLE

Date of Drawing: 08/12/24
Scale: 1" = 40'-0"
Drawn By: MCD
Job Number: L24-037
Sheet Number:

PHO1.1

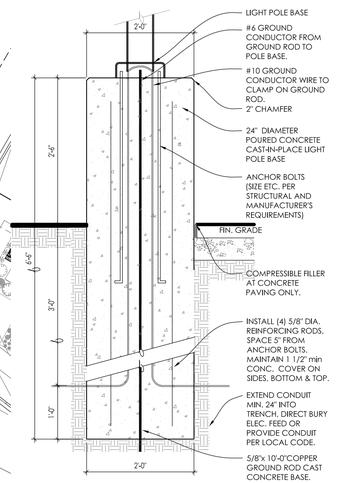
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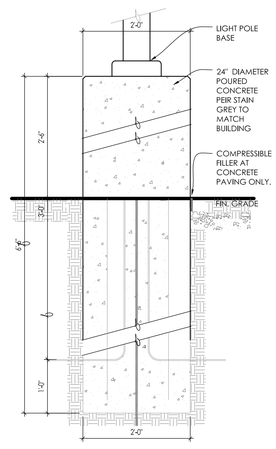
1 PROPOSED PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN - NORTH

SCALE: 1" = 20'-0"



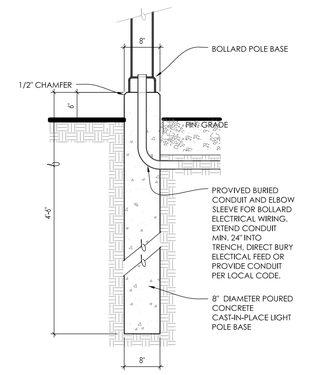
2 LIGHT POLE BASE - SECTION

SCALE: 3/4"=1'-0"



3 LIGHT POLE BASE - ELEVATION

SCALE: 3/4"=1'-0"



4 BOLLARD BASE - SECTION

SCALE: 3/4"=1'-0"

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mdavis@insitedesigninc.com

Project:

HARTLAND SENIOR LIVING

Campus Drive
Hartland, WI

Issuance and Revisions:

Date	Number	Description
08/12/24		Plan Commission Submittal

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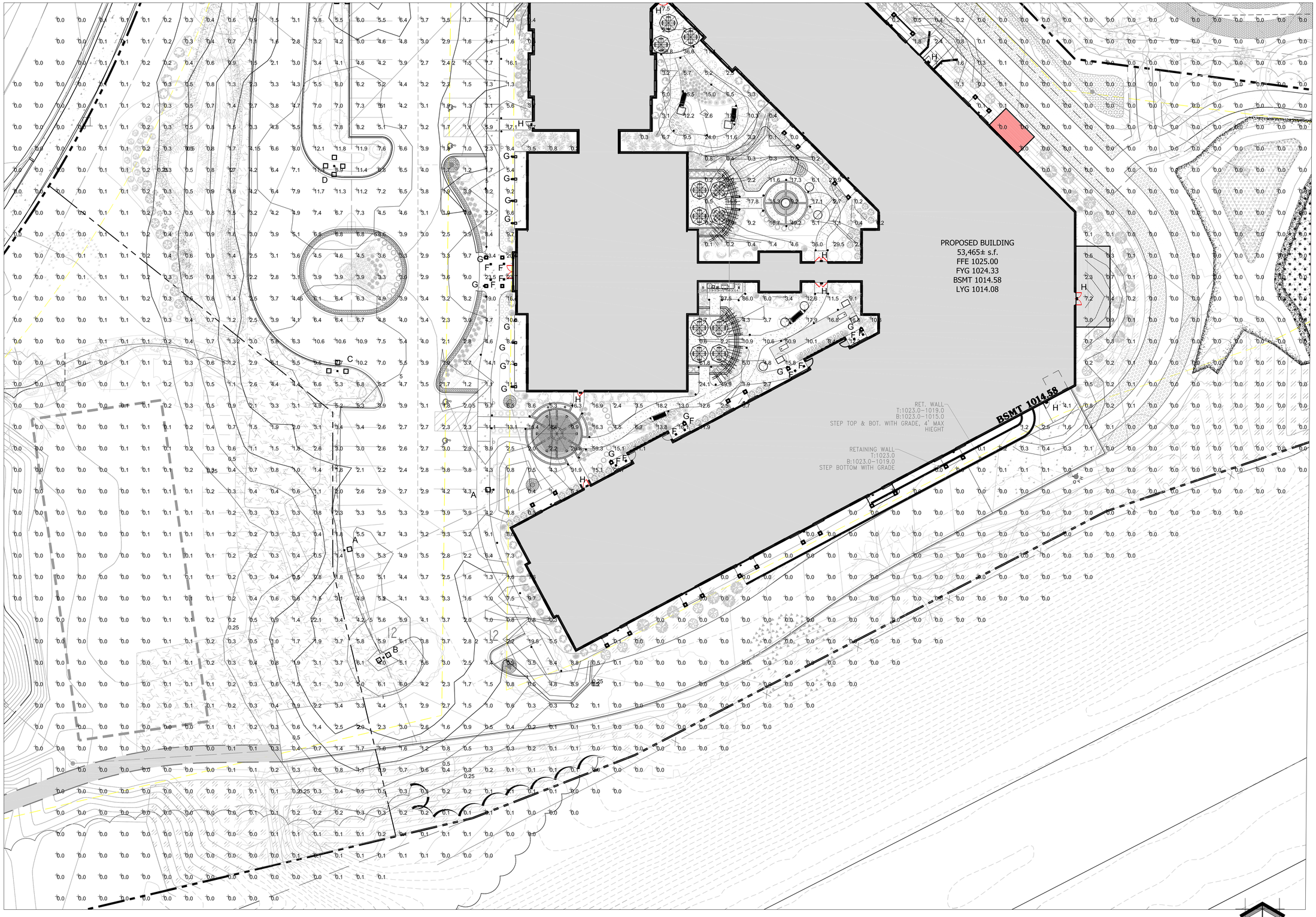
PROPOSED PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN - NORTH

Date of Drawing:	08/12/24
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	PHO1.2

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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024



1 PROPOSED PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN - SOUTH

SCALE: 1" = 20'-0"

North

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Sheet Title:

PROPOSED PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN - SOUTH

Date of Drawing:	08/12/24
Scale:	1" = 20'-0"
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	PHO1.3

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L24-037 - HARTLAND SENIOR LIVING - 08/12/2024

EVOLVE

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER



ECLS Soffit
LED Canopy Light

The Evolve® Canopy LED Soffit (ECLS) offers energy efficiency and quality of light in a sleek low-profile look and style. The ECLS features a diffused aperture which spreads the source lumens for even light distribution and low glare. To be used for sealed deck applications only (enclosed canopy or soffit).

Construction

Housing:	Aluminum die cast enclosure. Integral heat sink for maximum heat transfer
Lens:	Impact resistant tempered glass
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness. Standard = Black, Dark Bronze, Gray, White (RAL & custom colors available)
Weight:	10 lbs (4.5 kg) - 12.5 lbs (5.7 kg)

Optical System

Lumens:	3,600 - 7,900
Distribution:	Symmetric Medium
Efficacy:	119 - 138 LPW
CCT:	3000K, 4000K, 5000K
CRI:	≥70

Electrical

Input Voltage:	120-277V & 347V
Input Frequency:	50/60Hz
Power Factor:	>90% at rated watts
Total Harmonic Distortion:	<20% at rated watts
Surge Protection:	Standard Surge: 6kV/3kA

*Per ANSI C136.2-

Warranty

☐ 5 Year (Standard)

Lumen Maintenance

Projected Lxx per IES TM-21-11 at

LUMEN CODES	LUX(K)Ox @ HOURS		
	25,000 HR	50,000 HR	60,000 HR
T5	L96	L92	L91
A5	L95	L93	L92
B5	L95	L93	L92

Note: Projected Lxx based on LM80 (± 10,000 hour testing). Accepted industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Luminaire Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

Ratings

Operating Temperature:	-40°C to 50°C
Vibration:	1.5G per Per ANSI C136.31-2010.
LM-79:	Testing in accordance with IESNA Standards

Controls

Dimming:	Standard - 0-10V
Sensors:	Motion with Integrated Photoelectric control, Daintree Compatible

Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualifications.

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EVOLVE

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER

ECLS Soffit
LED Canopy Light

Ordering Information

ECLS 01 SM 7

PROD. ID	GEN	VOLTAGE	OPTIC CODE	DISTRIBUTION[1]	CRI (MIN)	CCT	DIMMING	CONTROLS	MOUNTING	COLOR	OPTIONS
E= Evolve C= Canopy LS = Soffit	01	0 = 120-277V D = 347V	T5 = 3,700 lm A5 = 5,400 lm B5 = 7,000 lm	SM = Symmetric Medium	7 = 70	30 = 3000K 40 = 4000K 50 = 5000K	1 = None Only Controls 'T' available A = Wired to Control D = External Wired 0-10V/Leads Only Controls 'T' available	1 = None A = Motion Sensor IR Program[2] B = Daintree Motion Sensor[3]	JM = J-Box Mount PM = Pendant Mount RM = Recessed Mount SM = Surface Mount SP = Surface Mount w/ Beauty Plate	BLCK = Black DKBZ = Dark Bronze GRAY = Gray WHTE = White	SC = Side Conduit Holes XXX = Special Options Y = Coastal Finish[4]

[1] **Not Available with Optical Code T5**
[2] **Requires Dimming Option A**
[3] **Recommended for installations within 750 feet from coast. Lead time varies, check with factory.**

OPTIC CODE	DIST CODE	TYPICAL LUMENS			TYPICAL SYSTEM WATTAGE	
		3000K	4000K	5000K	120-277V	347-480V
T5	SM	3600	3700	3700	29	N/A
A5		5200	5400	5400	39	43
B5		6900	7100	7100	54	56

For additional information on ECLS IES files, please click the following link: ECLS IES Files

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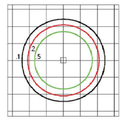
EVOLVE

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER

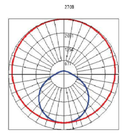
ECLS Soffit
LED Canopy Light

ECLS - Symmetric Medium

7100 lumens, 5000K
ECLS01_B5SM750_IES



- Mounting Height: at 15'
- Initial Footcandle at Grade



— Vertical plane through horizontal angle of Max. Cd at 90°
— Horizontal cone through vertical angle of Max. Cd at 1°

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1 GE EVOLVE ECLS SERIES CANOPY/SOFFIT LUMINARIES

EVOLVE

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER



EWLS L Series
LED Wall Pack

The Evolve® LED L Series Wall Pack (EWLS), The Evolve LED L-Series Wall Pack, EWLS, is a designed replacement for 50W to 250W HID, while offering significant energy savings in a long-life LED wall pack. Two-screw housing design enables a fast and simplified installation. The low-watt Egress package is designed to meet recommended illuminance requirements for egress applications such as side and rear exit doors in commercial buildings. Available with Emergency Battery Backup option.

Construction

Housing:	Aluminum die cast enclosure. Integral heat sink for maximum heat transfer
Lens:	Impact resistant tempered glass
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness. Color: Black, Dark Bronze, Gray & White (RAL & custom colors available). Optional = Coastal Finish
Weight:	8.6lbs (4 kg)

Optical System

Lumens:	1,700 to 7,000
Distribution:	Asymmetric Forward
Efficacy:	117- 148 LPW
CCT:	2700, 3000K, 4000K, 5000K
CRI:	≥70

Electrical

Input Voltage:	120-277V & 347V
Input Frequency:	50/60Hz
Power Factor:	> 90% at rated watts
Total Harmonic Distortion:	≤ 20% at rated watts

Surge Protection

Surge Protection	10kV/5kA (Standard) 3kV/1.5kA (EMBB)

*Per ANSI C136.2-2015

Emergency Battery Backup

Provides reliable emergency operations when there is a loss to normal power, supported by Independent Secondary Battery.

- Hold-Up Time: 90 minutes @ 1,400 Lumens.
- Meet egress light level and uniformity requirements
- Not available in 347V
- Operating Temperature (for EMBB models) 0° to 40°C
- 3kV/1.5kA surge protection for EMBB models.

Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualifications.

IP65 Optical

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EVOLVE

CUSTOMER NAME **ALDI FOOD STORE**
PROJECT NAME
DATE TYPE
CATALOG NUMBER

EWLS L Series
LED Wall Pack

Ordering Information

EWLS 02 0 40 AF 70 40 N 3 CB DKBZ

PROD. ID	GEN	VOLTAGE	OPTIC CODE	DISTRIBUTION	CRI (MIN)	CCT	DIMMING	PE FUNCTION	MOUNTING	COLOR	OPTIONS
E = Evolve W = Wallpack LS = L-Series	02	0 = 120-277V 1 = 120V[1] 2 = 208V 3 = 240V 4 = 277V[1] R = 120-240V[2] D = 347V	T7 = 1,700 lm[3] 25 = 2,500 lm 40 = 4,000 lm 70 = 7,000 lm	AF = Asymmetric Forward	7 = 70	27 = 2700K[4] 30 = 3000K 40 = 4000K 50 = 5000K	N = No External Dimming Leads E = External Dimming Leads[5]	1 = None 3 = Button PE[6]	CB = Conduit Box Mount[7] FM = Flush Mount DKBZ = Dark Bronze GRAY = Gray	BLCK = Black DKBZ = Dark Bronze GRAY = Gray	RMBB = Emergency Battery Backup[8] MS = Motion Sensor (Wallpacks only)[9,10,11] XXX = Special Options W = Non-Graphical White Box

[1] **Specify single voltage if Button PE option is selected**
[2] **Opto code 17 - Not offered in 120-277V, use 120-240V**
[3] **Select 27OK or 3000K CCT for IDA approved units**
[4] **Must be selected when ordering with Button PE, Motion Sensor, 347V or Emergency Battery Backup**
[5] **Not available with motion sensor**
[6] **Not available in 347V**
[7] **Button PE not available with EMBB. Button PE not available with H Motion Sensor. Motion sensor includes dusk-to-dawn control as well as motion control.**
[8] **WS FMR-100 (local 10TBUS) needed for programming sensor.**
[9] **Must select Controls "N" with Motion Sensor "H"**

OPTIC CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS			TYPICAL SYSTEM WATTAGE		BUG RATINGS 27OOK-5000K
		2700K	3000K	4000K/ 5000K	120-277V	347V	B-U-G
17	AF	1400	1600	1700	12	14	B1-U0-G1
25		2200	2400	2600	17	19	B1-U0-G1
40		3500	3800	4000	27	29	B1-U0-G1
70		6100	6700	7000	52	54	B2-U0-G1
EMBB	-	1500	1650	1650	-	-	B1-U0-G0

For additional information on EWLS IES files, please refer to LED.com

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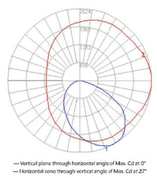
EVOLVE

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER

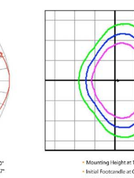
EWLS L Series
LED Wall Pack

70AF
ASYMMETRIC FORWARD

7000 LUMEN
EWLS02_70AF750_____120-277V.ies



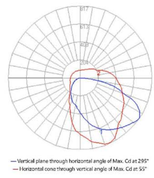
— Vertical plane through horizontal angle of Max. Cd at 0°
— Horizontal cone through vertical angle of Max. Cd at 27°



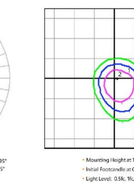
- Mounting Height at 10'
- Initial Footcandle at Grade
- Light Level: 0.5fc, 1fc, 2fc

EMBB Mode
ASYMMETRIC FORWARD

1400 LUMEN
EWLS02_EMBB_____ies



— Vertical plane through horizontal angle of Max. Cd at 295°
— Horizontal cone through vertical angle of Max. Cd at 55°



- Mounting Height at 10'
- Initial Footcandle at Grade
- Light Level: 0.5fc, 1fc, 2fc

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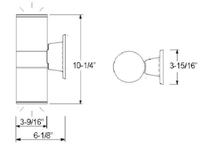
3 GE EVOLVE EWLS SERIES WALL PACK LUMINARIE

4424
120V

Catalog #:	Type
Project:	
Prepared by:	Date

3" LED Architectural Cylinder Up & Downlight





3" LED Cylinder Up & Downlight

DESCRIPTION

The Outdoor LED Cylinder Family features wet location rated wall mount style cylinders with down light and up & down light options. Choose from energy efficient 13W or 17W AC modules, with finishes available in white, black, brushed nickel, or oil-rubbed bronze. Features Triac dimming down to 5%, using most standard dimmers. Utilizes AC circuit on board technology for cooler operating temperature and extended lifetime.

DESIGN FEATURES

Construction
- Aluminum die-cast with powder coat finish

Electrical
- 120V Direct AC operation with DOB
- Triac dimming down to 5%
- Various wattages of modules available
- Cooler operating temperature without driver
- Stable driving current prevents inrush damage to circuit switches and modules
- Operating temperature: -31°F (-35°C) to 122°F (50°C)
- Available in 80CRI, 3000K & 4000K

Installation
- Easy surface mounting for simple installation using anchors and screws
- J-box mountable

Lens
- Clear acrylic lens protects LEDs while allowing for optimum lumen output
- 37° Beam angle

Finish
- Available in black, brushed aluminum and oil-rubbed bronze

Certifications
- cCSAus for wet location
- 5 year limited warranty
- Wet location rated

2 GE CURRENT 4424 CYLINDER SCONCE UP / DOWN LIGHT

RT4xx RIALTA BOLLARD

LED BOLLARDS



DIMENSIONS: 6" Ø, 39" to 48" TALL
7 YEAR WARRANTY
LUMEN RANGE: 1995 to 3800
LIFE SPAN: L70 MINIMUM 100,000 HOURS
UL LISTED
CLICK FOR FAQ's

JOB NAME: POPLAR CREEK
FIXTURE TYPE
MEMO

BUILD A PART NUMBER

ORDERING EXAMPLE: RT4-36-6L40TS-MDL05/BKT

Model	Overall Height (in Inches)	LED	CCT	Distribution Type	Driver	Lens	Option Photocell	Option Fuse	Option Ground Fault Breaker	Finish
RT4	36	26L	40(00)	T3	MDL05	CA				BKT

Model
- RT4

Overall Height (In Inches)
- 36 · 42 · 48

LED
- 26L

CCT - Color Temperature (K)
- 27(00) · 30(00) · 40(00) · 50(00)

Distribution Type
- T2 · T3 · T3R · T4 · T5

Driver
- MDL03 (120V-277V, 350mA)
- MDH03 (347V-480V, 350mA)
- MDL05 (120V-277V, 525mA)
- MDH05 (347V-480V, 525mA)

Lens
- CA (Clear Acrylic)
- SV2 (Rat Soft Vue Moderate Diffused Acrylic)

Options (Click here to view accessories sheet)
- PCD[1] Electronic Button Photocontrol, mounted on an accessory box (120V-277V)
- PCD4[1] Electronic Button Photocontrol, mounted on an access door (480V)
- FHD[2] Double Fuse and Holder
- GFLPNJC In Amp duplex GFCI receptacles with a low-profile in-use cover

[1] Accessory requires 42" minimum height. Tamper screw for recessed in-ear base.

Finish
Standard Urban Finishes
(Click here to view paint finish sheet)
- UGMT Gun Metal Textured
- UGM Gun Metal Matte
- UBT Urban Bronze Textured
- UB Urban Bronze Matte
- USLT Urban Silver Textured
- USL Urban Silver Matte
- UWHT Urban White Textured
- UWH Urban White Matte
- BKT Black Textured

Custom Urban Finish[3]
- CM Custom Match

[3] Custom colors require surcharge.

Specifications

General
The RT4xx bollard is a three legged, open cage, cylindrical column offered in a variety of heights. Designed to bring ambiance to any project by providing a performance lighting package in a vertical form. The luminaire body is fabricated with aluminum parts. The main shaft member is alum 6063 and the sandcast fixture bodies are aluminum 356. The fasteners are 18-8 stainless steel. The 8" bollard adds a 52" high open body section that adds visual interest by illuminating from the top casting and giving the effect of moon light from within its cage form. The RT4x uses one round LED array configuration with a choice of Clear Acrylic or SV2 lens to deliver IES types 5, 4, 3, 3R and 2 distribution with high efficiency and low wattage consumption. The Luminaire shall be UL listed in US and Canada.

LEDs
The luminaire shall use high output, high brightness LEDs. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be roll mounted to minimize up-light. The LEDs and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS-compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LEDs will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LEDs shall be 5000K (5000K, 3000K or 2700K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

Optics
The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ___ (2, 3, 3R, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

Electronic Driver
The LED driver shall be UL Recognized. It shall be securely mounted inside the bollard, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and

See next page

SternbergLighting
ESTABLISHED 1923

800 621 3376
555 Lawrence Ave., Roselle, IL 60172
contactus@sternberglighting.com
www.sternberglighting.com

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4 STERNBURG RIALTA BOLLARD

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Landscape Consulting
& Master Planning Design Sevices
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Wauwatosa, WI 53226
Tel (414) 476-1204
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mdavis@insitedesigninc.com

Project:

HARTLAND SENIOR LIVING

Campus Drive
Hartland, WI

Issuance and Revisions:

Date	Number	Description
08/12/24		Plan Commission Submittal

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Sheet Title:

PROPOSED BUILDING MOUNTED LIGHT FIXTURES

Date of Drawing:	08/12/24
Scale:	NONE
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	PH01.4

NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY- DO NOT SCALE. THESE DRAWINGS-
These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

L24-037 - HARTLAND SENIOR LIVING - 08/12/2024

EVOLVE

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER



EACL® Series
LED Area Light/Compact Low Wattage

Current's EAL Series of Area Light Luminaires offer a wide range of optical patterns, color temperatures, lumen packages, and mounting configurations to optimize area light applications, as well as provide versatility in lighting design within the same form factor.

Construction

Housing:	Die-cast aluminum housing with integral heat sink for maximum heat transfer
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze Gray, White (RAL & custom colors available) Optional coastal finish available.
Weight:	18 lbs (8.16 kg) Max depending on configuration

Optical System

Lumens:	2,900 - 20,400
Distribution:	Asymmetric Forward Type IV Asymmetric Wide Type III Asymmetric Narrow/Auto Type II
Efficacy:	123 - 143 LPW
CCT:	3000K, 4000K, 5000K
CRI:	≥70

Electrical

Input Voltage:	120-277V & 347-480V
Input Frequency:	50/60Hz
Power Factor:	> 90% at rated watts
Total Harmonic Distortion:	< 20% at rated watts

Surge Protection*

TYPICAL (3,0 STRIKES)	ENHANCED (40 STRIKES)
☐ 6kV/3kA*	☐ 10kV/5kA*

*Per ANSI C136.2-2015

Warranty

☐ 5 Year (Standard)

Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

LUMEN CODES	LXX(100K) @ HOURS		
	25,000 HR	50,000 HR	60,000 HR
A2, A3, A4, B2, B3, B4, C2, C3, C4D2, D3, D4, E2, E3, E4, F2, F3, F4	L94	L90	L88
H2,H3, H4	L97	L96	L96

Note: Projected Lxx based on LM80 (> 10,000 hour testing). Accepted Industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Luminaire Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

Ratings

Operating Temperature:	-40°C to 50°C
Vibration:	3G vibration per ANSI C136.31-2018
LM-79:	Testing in accordance with IESNA Standards

Controls

Dimming:	Standard - 0-10V ☐ Optional - DALI (Option U) ☐
Sensors:	Photo Electric Sensors (PE) available ☐ LightGrid and Daintree Compatible ☐

DLC LISTED

Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualifications.

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1 GE EVOLVE EACL SERIES AREA LUMINARIES

EVOLVE
EACL® Series
LED Area Light/Compact Low Wattage

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER

Ordering Information

EACL	01	0	F4	AF	7	50	N	D	D1	GRAY	
----	--	-	--	--	-	--	-	-	--	----	----

PROD. ID	GEN	VOLTAGE	OPTIC CODE	DISTRIBUTION	CRI (MIN.)	CCT	DIMMING[1]	CONTROLS	MOUNTING ARM	COLOR	OPTIONS
E = Evolve	01	0 = 120-277V	Ax=3000 lm	AF = Asymmetric Forward	7 = 70	30 = 3000K[4]	N = Dimming thru PE receptacle	1 = None	C1 = Integral Slip-Fitter for 2-3/8" OD Pipe (Order C0 - 2-3/8 in OD)[4]	GRAY = Gray	F = Fusing
AD = Compact Area Light		H = 347-480V	Bx=5000 lm	AW = Asymmetric Wide		40 = 4000K	D = External Dimming (0,10-3V) cable	A = ANSI 7-pin PE receptacle (no control)	D1 = Universal Mounting Arm, fitted for round or square pole mounting[4]	BLCK = Black	HR = Motion Sensor w/ LightGrid
L = Low Voltage		1 = 120V	Cx=7500 lm	AN = Asymmetric Narrow/Auto		50 = 5000K	X = No External Dimming Leads	D = ANSI 7-pin PE receptacle with shorting cap provided	K1 = Knuckle Slipfitter for 1.9 in - 2.3in. OD Tenon[4]	DKBZ = Dark Bronze	HD = Motion Sensor (Dashlevel)[4]
		2 = 208V	Dx=10600 lm					E = ANSI C136.41 7-pin with Non-Dimming PE Control[4]	S1 = Knuckle Slipfitter for 2.3in. - 3.0in OD Tenon[4]	WHTE = White	H4 = Motion Sensor (Wattelogic)[4]
		3 = 240V	Ex=12500 lm						Y1 = Knuckle Wall Mount[4,6]		I = cULCanada
		4 = 277V	Fx=15900 lm								L = Tool-Less Entry
		5 = 480V	Gx=18400 lm								R = Enhanced Surge Protection (10kV/5kA)
		D = 347V	Hx=20400 lm								U = DALI dimming[4]
											V = 3-Position Terminal Block
											Y = Coastal Finish[6]
											XXX = Special Options

[1] Not Available with Fusing, Must Choose a Discrete Voltage with "F" Option Code
[2] Note: Standard Dimming is 0-10V
[3] PE Control only available for 120-277V, 347V or 480V Discrete Voltage.
[4] Supplied with 2ft leads
[5] Supplied with 10ft 5 Cable
[6] Restricted Aiming Angle of 0-45°
[7] Compatible with LightGrid Wireless Control Nodes, Not Compatible with Motion Sensor Control
[8] H2 Sensor is not available in High Voltage (347V, 480V or 347-480V)
[9] Recommended for installations within 750 feet from coast. Lead time varies, check with factory.
[10] Select 3000K CCT for IDA approved fixtures.

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EVOLVE
EACL® Series
LED Area Light/Compact Low Wattage

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER

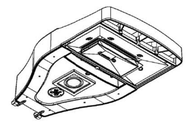
OPTICAL CODE	DIST. CODE	CLASSIFICATION	TYPICAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATING	
			3000K	4000K &5000K	120-277V	347-480V	3000K	4000K &5000K
A4	AF	TYPE IV	2900	2900	21	23	B1-U0-G1	B1-U0-G1
B4			4900	4900	36	38	B1-U0-G2	B1-U0-G2
C4			7300	7300	55		B1-U0-G2	B1-U0-G2
D4			9800	9800	73		B2-U0-G2	B2-U0-G2
E4			12200	12200	95		B2-U0-G2	B2-U0-G2
F4			14700	14700	122		B2-U0-G2	B2-U0-G2
H4			19000	19000	153		B3-U0-G2	B3-U0-G2
A3	AW	TYPE III	2900	3000	21	23	B1-U0-G1	B1-U0-G1
B3			4800	5100	36	38	B1-U0-G1	B1-U0-G1
C3			7400	7600	55		B1-U0-G2	B1-U0-G2
D3			9800	10200	73		B2-U0-G2	B2-U0-G2
E3			13400	12700	95		B2-U0-G2	B2-U0-G2
F3			14900	15300	122		B2-U0-G2	B2-U0-G2
H3			19300	20400	153		B3-U0-G2	B3-U0-G2
A2	AN	TYPE II	2900	3000	21	23	B1-U0-G1	B1-U0-G1
B2			4900	5000	36	38	B1-U0-G1	B1-U0-G1
C2			7300	7500	55		B1-U0-G2	B1-U0-G2
D2			9800	10400	73		B2-U0-G2	B2-U0-G2
E2			12900	12600	95		B2-U0-G2	B2-U0-G2
F2			14700	15100	122		B3-U0-G2	B3-U0-G3
H2			19100	20200	153		B3-U0-G3	B3-U0-G3

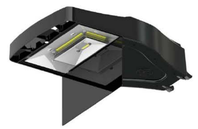
For additional information on Non-Shielded and Shielded EACL IES files, please refer to LED.com

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EVOLVE
EACL® Series
LED Area Light/Compact Low Wattage

CUSTOMER NAME
PROJECT NAME
DATE TYPE
CATALOG NUMBER





PE Accessories (To Be Order Separately)

SAP NUMBER	PART NUMBER	DESCRIPTION
90123552	WANS - 277	ANSI 1346.41 Dimming PE Dashlevel Enabled, 105 - 305V
90123553	WANS8 - 480	ANSI 1346.41 Dimming PE Dashlevel Enabled, 310-530V
93020237	PED-MV-LED-7	ANSI C136.41 Dimming PE, 120-277V
93020238	PED-347-LED-7	ANSI C136.41 Dimming PE, 347V
93020239	PED-480-LED-7	ANSI C136.41 Dimming PE, 480V

SAP NUMBER	PART NUMBER	DESCRIPTION
28299	PEC07L	STANDARD 120-277V
28294	PEC07L	STANDARD 480V
80498	PEC07L	STANDARD 347V
73251	9001-PECTL	Shorting cap

Back Light Shied

SHIELD ORIENTATIONS	CUTOFF DISTANCE	SHIELD ORDER LOGIC
Back	Long	ELS-EACL-REL-BLCK

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2 GE EVOLVE EACL SERIES LUMINARIES SHEILDING

EVOLVE
EACL Series Luminaires
Shielding Specification & Ordering Guide

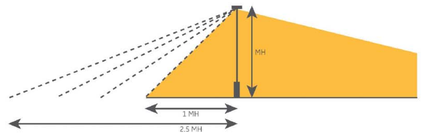


The next evolution of the **Evolve®** LED Area Light delivers even better trespass control. Current's exclusive reflective optical ring design produces superior vertical illuminace and efficiently directs the light without wasteful and unwelcomed light spill into neighboring properties. Due to the extensive variation of parking lot configurations coupled with tightening ordinances,

Current now offers a full array of shielding to accommodate challenging sites.

The shielding options available for the Evolve® Area Light focus on the following applications:

- Left & Right Cutoff
- Front Cutoff
- Backlight Control & B-U-G Improvement



Within each of the shielding families, there are multiple shielding cutoff levels that are categorized in mounting height (MH) increments. Current accommodates cutoff distance from the pole from 1MH to 2.5 MH in 0.5 MH increments. The shields that are listed are for the most common applications. Please contact the manufacturer if your need is not listed.

All shields can be installed easily in the field. The next evolution of the Evolve® LED Area Light and shielding options will help you meet any parking lot challenge.

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3 GE EVOLVE EACL SERIES LUMINARIES SHEILDING

EVOLVE
SSSE Series Poles
Square | Straight | Steel

Project Name
Date Type
Notes

APPLICATIONS
Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location.

CONSTRUCTION

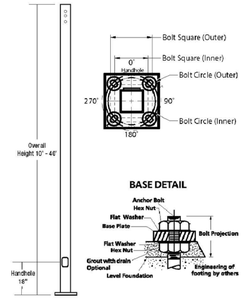
Shaft:	One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded to pole shaft having minimum yield of 36,000 psi (ASTM A36)
Base Cover:	Two-piece square aluminum base cover included standard
Pole Cap:	Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
Hand Hole:	Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
Anchor Bolts:	Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
Anchor Bolt Part Numbers:	• 3/4 x 30 x 3 — TAB-30-M38 • 1 x 36 x 4 — TAB-36-M38

FINISH

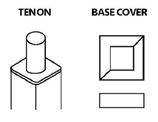
- Durable thermoset polyester powder coat paint finish with nominal 3.0 mil thickness
- Powder paint prime applied over "white metal" steel substrate cleaned via mechanical shot blast method
- Decorative finish coat available in multiple standard colors; Custom colors available; RAL number preferable

10 DAY - EVOLVE EXPRESS SHIP PROGRAM

- Ships in 10 days
- Limit of 15 poles



BASE DETAIL



POLE CAP



TENON



BASE COVER



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4 GE EVOLVE SSSE SERIES POLES

EVOLVE
SSSE Series Poles
Square | Straight | Steel
Ordering Information

Project Name
Date Type
Notes

Example: SSSE25-40A-2-E2-DKBZ-UL

SSSE	20	40	B		E2	GRAY	
----	--	--	-	--	--	----	---

SERIES	HEIGHT	SHAFT	THICKNESS	MOUNTING	POLE DRILLING	FINISH	OPTIONS
SSSE = Evolve Square Straight Steel Pole	10 - 10 ft.	40 = 4" Square	A = 0.125"	1 = Single arm mount	E2 = Evolve Square Pole	DKBZ = Dark Bronze	GFI = 20 Amp GFCI Receptacle and Cover
	12 - 12 ft.	40 = 4" Square	A = 0.125"	2 = Two fixtures at 180°	UDP07 = 3/8in HDW range 1.69 - 2.24	BLCK = Black	EHH = Extra Handhole
	14 - 14 ft.	40 = 4" Square	B = 188"	2L = Two fixtures at 90°	UDP07 = 1/2in HDW range 1.69 - 2.24	GRAY = Gray	C69[2] = 0.5" Coupling
	16 - 16 ft.	40 = 4" Square	A = 0.125"	3T = Three fixtures at 90°	UDP03[3] = 3/8in HDW range 2.25 - 2.99	*Contact factory for custom color options	C70[2] = 0.75" Coupling
		50 = 5" Square	B = 188"	3Y = Three fixtures at 120°	UDP04[3] = 1/2in HDW range 2.25 - 2.99		C20[2] = 2" Coupling
	18 - 18 ft.	40 = 4" Square	A = 0.125"	4 = Four fixtures at 90°	UDP05[3] = 3/8in HDW range 3.00 - 3.75		MPB[4] = Mid-pole Luminaire Bracket
		50 = 5" Square	B = 188"	TA[5] = Tenon (2.38" OD x 4" Tall)	UDP06[3] = 5/16in HDW range 3.00 - 3.75		VM1 = 1st mode vibration damper
		60 = 6" Square	B = 188"	FC[5] = Tenon (3.5" OD x 6" Tall)	UDP07 = 3/8in HDW range 3.76 - 4.49		VM2[6] = 2nd mode vibration damper
	20 - 20 ft.	40 = 4" Square	A = 0.125"	TB[5] = Removable Tenon (2.38" x 4")	UDP08 = 5/16in HDW range 3.76 - 4.49		LAB = Less Anchor Bolts
		50 = 5" Square	B = 188"	CT = Open Top (includes pole cap)	UDP09 = 3/8in HDW range 4.50 - 5.49		UL = UL Certified
		60 = 6" Square	B = 188"		UDP10 = 5/16in HDW range 4.50 - 5.49		
	25 - 25 ft.	40 = 4" Square	A = 0.125"		UDP11 = 3/8in HDW range 5.50 - 6.00		
		50 = 5" Square	B = 188"		UDP12 = 5/16in HDW range 5.50 - 6.00		
		60 = 6" Square	B = 188"				
	30 - 30 ft.	50 = 5" Square	B = 188"				
		60 = 6" Square	B = 188"				
	35 - 35 ft.	60 = 6" Square	B = 188"				
	40 - 40 ft.	60 = 6" Square	B = 188"				

NOTES:
1. Removable tenon used in conjunction with side arm mounting. First specify desired arm.
2. Specify option location using MOUNTING ORIENTATION logic shown on this page.
3. Not available with VM1 - Mode Vibration Damper.
4. MPB recommended on poles 20' and taller with EPA of less than 1. Field installed.
5. UDP is for mounting of most popular fixtures on the market.
6. Factory Installed.

Indicates availability in the **DSS 10 Day Evolve Express Ship Program**

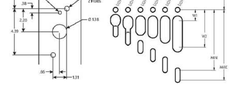
MOUNTING ORIENTATION

Denotes handhole location



DRILL PATTERNS

E2 UNIVERSAL DRILL PATTERN (UDP)



ACCESSORIES- ORDER SEPARATELY

CATALOG NUMBER	DESCRIPTION
VM1[1]	1st mode vibration damper
VM2SXX*	2nd mode vibration damper

* XX = 08 for 8', 12 for 12', 15 for 15', 20 for 20', and 24 for 24'.
Note: Field Knife Valid through handhole.

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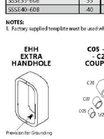
EVOLVE
SSSE Series Poles
Square | Straight | Steel
Ordering Information

Project Name
Date Type
Notes

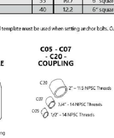
CATALOG NUMBER	HEIGHT FEET	HEIGHT METERS	NOMINAL SHAFT DIMENSIONS	WALL THICKNESS	BOLT CIRCLE (SUGGESTED)	BOLT CIRCLE (RANGE)	BOLT SQUARE (RANGE)	BASE PLATE SQUARE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT
SSSE10-40A	10	3.0	4" square	0.125"	9"	8" - 9"	5.66" - 7.07"	9"	3/4"x30"x3"	3.5	77
SSSE12-40A	12	3.7	4" square	0.125"	9"	8" - 9"	5.66" - 7.07"	9"	3/4"x30"x3"	3.5	90
SSSE14-40A	14	4.3	4" square	0.125"	9"	8" - 9"	5.66" - 7.07"	9"	3/4"x30"x3"	3.5	103
SSSE16-40A	16	4.9	4" square	0.125"	9"	8" - 9"	5.66" - 7.07"	9"	3/4"x30"x3"	3.5	116
SSSE18-40A	18	5.5	4" square	0.125"	9"	8" - 9"	5.66" - 7.07"	9"	3/4"x30"x3"	3.5	129
SSSE20-40A	20	6.1	4" square	0.125"	9"	8" - 9"	5.66" - 7.07"	9"	3/4"x30"x3"	3.5	142
SSSE25-40A	25	7.6	4" square	0.125"	9"	8" - 9"	5.66" - 7.07"	9"	3/4"x30"x3"	3.5	175
SSSE14-40B	14	4.3	4" square	.188"	11"	10" - 11"	7.07" - 8.48"	10.50"	3/4"x30"x3"	3.5	152
SSSE16-40B	16	4.9	4" square	.188"	11"	10" - 11"	7.07" - 8.48"	10.50"	3/4"x30"x3"	3.5	171
SSSE18-40B	18	5.5	4" square	.188"	11"	10" - 11"	7.07" - 8.48"	10.50"	3/4"x30"x3"	3.5	190
SSSE20-40B	20	6.1	4" square	.188"	11"	10" - 11"	7.07" - 8.48"	10.50"	3/4"x30"x3"	3.5	209
SSSE25-40B	25	7.6	4" square	.188"	11"	10" - 11"	7.07" - 8.48"	10.50"	3/4"x30"x3"	3.5	257
SSSE30-40B	30	9.1	4" square	.188"	11"	10" - 11"	7.07" - 8.48"	10.50"	3/4"x30"x3"	3.5	304
SSSE16-50B	16	4.9	5" square	.188"	11"	10.25" - 11.25"	7.25" - 9.72"	11.50"	1"x36"x4"	4.5	219
SSSE18-50B	18	5.5	5" square	.188"	11"	10.25" - 11.25"	7.25" - 9.72"	11.50"	1"x36"x4"	4.5	243
SSSE20-50B	20	6.1	5" square	.188"	11"	10.25" - 11.25"	7.25" - 9.72"	11.50"	1"x36"x4"	4.5	267
SSSE25-50B	25	7.6	5" square	.188"	11"	10.25" - 11.25"	7.25" - 9.72"	11.50"	1"x36"x4"	4.5	327
SSSE30-50B	30	9.1	5" square	.188"	11"	10.25" - 11.25"	7.25" - 9.72"	11.50"	1"x36"x4"	4.5	387
SSSE25-50C	25	7.6	5" square	.25"	11"	10.25" - 11.25"	7.25" - 9.72"	11.50"	1"x36"x4"	4.5	427
SSSE30-50C	30	9.1	5" square	.25"	11"	10.25" - 11.25"	7.25" - 9.72"	11.50"	1"x36"x4"	4.5	507
SSSE20-60B	20	6.1	6" square	.188"	12"	11.00" - 13.25"	7.81" - 9.37"	12.25"	1"x36"x4"	5.0	325
SSSE25-60B	25	7.6	6" square	.188"	12"	11.00" - 13.25"	7.81" - 9.37"	12.25"	1"x36"x4"	5.0	404
SSSE30-60B	30	9.1	6" square	.188"	12"	11.00" - 13.25"	7.81" - 9.37"	12.25"	1"x36"x4"	5.0	479
SSSE35-60B	35	10.7	6" square	.188"	12"	11.00" - 13.25"	7.81" - 9.37"	12.25"	1"x36"x4"	5.0	554
SSSE40-60B	40	12.2	6" square	.188"	12"	11.00" - 13.25"	7.81" - 9.37"	12.25"	1"x36"x4"	5.0	629

NOTES:
1. Factory supplied template must be used when setting anchor bolts. Current will deny any claims for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.

EHH EXTRA HANDHOLE



C05 - C07 - G20 - COUPLING



Pre-wired for Grounding

VM1 - VIBRATION DAMPER 1ST MODE



Field Installed Pole Top dampers designed to reduce pole top deflection at nearly. VM1 is recommended for pole systems 20' and taller with a total EPA of 1.0 or less.

VM2 - VIBRATION DAMPER 2ND MODE



Factory installed, internal damper designed to allow pole resonance to reduce movement and material fatigue caused by 2nd mode vibrations.

VM2SXX - VIBRATION DAMPER 2ND MODE

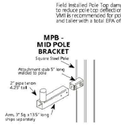
VM2S08 - 8'
VM2S12 - 12'
VM2S16 - 16'
VM2S20 - 20'
VM2S24 - 24'

Field installed, internal damper designed to allow pole resonance to reduce movement and material fatigue caused by 2nd mode vibrations.

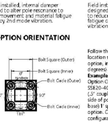
GFI – 20 AMP GFCI RECEPTACLE & COVER



MPB - MID POLE BRACKET



OPTION ATTENTION



Follow the logic below when ordering location specific options. For each option, indicate its orientation as (Ingress) and its height (or feet). Example:
Option C07 should be ordered as: SSA20-40A-3A-B2-367 - C07 - 0-15
C07 coupling on the handhole/arm side of pole, 15 feet up from the pole butt & spacially located between option. Consult factory for other configurations.

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Campus Drive
Hartland, WI

Issuance and Revisions:

Date	Number	Description
08/12/24		Plan Commission Submittal

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Sheet Title:

PROPOSED SITE/ AREA LIGHT FIXTURES

Date of Drawing:	08/12/24
Scale:	NONE
Drawn By:	MCD
Job Number:	L24-037
Sheet Number:	PH01.5

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