

MINUTES
OUTAGAMIE COUNTY DRAINAGE BOARD MEETING
JANUARY 6, 2026

The meeting was called to order by President Kramer at 8:30 a.m.

Members present: Kramer, Nettekoven, Van Eperen (arrived at 8:48 am), Van Asten, Vander Heiden
Others Present: Nancy Christensen, Administrative Assistant; Justin Keen, Cedar Corporation; Mark Schroeder, Branch 7, Outagamie County Circuit Court; Harlan Volkman; Al Timm; Dennis Hoffman, Town of Osborn Chairman; Brandon Robaidek, Robert E. Lee & Associates, North Kaukauna Storage Unit representative; Brad Johnson

Review and approve minutes of December 2, 2025 meeting

Van Asten requested a correction under Reports on Districts, Oneida-Hobart District, change Craig Van Handel to Charlie Van Handel. Van Asten moved, seconded by Vander Heiden to approve the minutes of December 2, 2025 as corrected. Roll call: 4 aye, 1 absent (Van Eperen). Motion carried.

Public participation/comments – none

Land Conservation Department Report - none

Reports on Districts - Districts/Projects and work in progress reports –
Oneida-Hobart District -

McCabe Road upstream to Section Line Road and to Van's Road – main ditch maintenance. Ditch clean out was finished December 26. The McCabe to Van's Road portion included 5 crossings - \$43,982.28; McCabe to Section Line Road included 1 crossing - \$38,255.

Duck Creek District

John Schmidt — tile line. The tile line was located, repaired and documented. The documentation will need to be forwarded to DATCP to correct the official mapping done by BT². Christensen will contact DATCP as to what will be required to complete the map correction. The property owners will be required to maintain the 20 foot corridor buffer on both sides of the drain tile and will be notified prior to spring planting. A crossing was also installed on the Schmidt property which was partially covered by grant funds. Cost \$7,837.96, minus \$5,486.06 reimbursed by grant balance of \$2,351.90 paid by Drainage District. Van Asten reported there was a pile of dirt left in the field by that needs to be taken care of.

12 Corners Road – culvert was installed by Joe Hofackers and the ditch was cleaned out culvert to culvert. A complaint was received there is no corridor by legal drain on Hofacker's property.

Burma Swamp – Nettekoven and VanderHeiden met with property owners. Discussions have been positive and looks the project will proceed.

Bob Christensen/Keith Rohm – crossing issues – culvert installation; Both crossings were completed under grant funds. Christensen crossing \$3,417.56 minus \$2,392.29 reimbursement by grant with balance of \$1,025.27 paid by District. Rohm crossing \$2,144.10 minus \$1,500.87 reimbursement by grant with balance of \$643.23 paid by District.

Edgewood Meadows Subdivision ditch maintenance - The Dennis Hoffman, Town Chairman, Town of Osborn reported they recently did maintenance work in the area on Autumn Blaze and CC, south of the Dobby building, there are 21 residents located there. The Town is inquiring if the Drainage Board would accept water from this subdivision. What would the cost be to the town to get on board initially? What would have to be done to bring this existing area into the drainage district if the area does not adhere to all of the drain board setbacks and criteria? What kind of setbacks could be determined that would be acceptable to the Board and homeowners if this was done? Nettekoven stated there would need to be an on-site visit to see what the issue is and what the Board would be dealing with. Christensen will get costs together for an annexation application and what the process would be.

Lateral 4/ Stephani Property ditch extension work – need as-builts from Land Conservation Department
Freedom District – Fox Property tree removal/drain clean out – tree removal is complete. Design should be complete, bids due Feb 1. LCD is requesting an extension for the grant funding as the current dead line is the end of March. Van Asten reported at J J Maloney's, snow removal vendor plowed ditch full of snow, need to contact Jesse to stop
Van Asten met with Bob Schlimm – VandeHey never communicated he got letter on corridor violation.

Center-Grand Chute District –

Pearl Essence to Schabo Road legal drain maintenance. Project is all complete. Landowners complimented on Lucas's work, the project went well.

Center Valley District – Lateral One Court proceeding update, Plaintiff brief was filed on January 2, 2026, next Defendant brief due February 2, 2026.

Vandenbroek District –

Review of proposed North Kaukauna Storage Units project 19.25 acres. Brandon Robaidek, Robert E. Lee & Associates, presented to the Board the proposed project. Justin Keen, Cedar Corporation, presented his comments concerning the proposed development. (see attached memo dated 12/19/2025) Robaidek will respond to Keen's comments prior to the public hearing.

Distributor lot – Quint should have design done soon. Discussion was held on how to remove the brush. Decision was to have the brush ground.

Van Asten asked about using/renting the LCD's 10' mower for mowing corridors and ditches. This will be discussed with Baneck at the next meeting.

OLD BUSINESS

1. Center-Grand Chute Reassessment Study Update
2. James VanCamp property – Waiting for response from owner/attorney
3. USDA Grant Application Status Report – NRCS/DATCP is reviewing data they have received which will take Paper work has been submitted to Washington for review. Some funds have become available but did not come to this program. More grants coming up.
4. Freedom Drainage District – Annexation of legal drain from County Road J to Farrell Road – Design & Hydrology Calculation Report completed, application submitted to DATCP. Bids are out.
5. Oneida Nation Contract – Meeting on 11/18/25 with Oneida Nation representatives. Review revised agreement. The Board reviewed the Nation's revised agreement, made suggestions and will forward comments back to the Nation for their review.
6. Modification to an existing culvert within a legal district drain in the Vandenbroek Drainage District located under US 41 between Rose Hill Road/Co Road CC and Delanglade Street/State Road 55. Wisconsin Department of Transportation, petitioner. Public Hearing held December 2, 2025. Needs approval from DATCP. DATCP is working with WI DOT and Justin Keen as to what is required to be submitted.

NEW BUSINESS

1. Compensation to Town of Osborn for usage of hall/wifi
Denis Hoffman, Chairman, will address his board for an agreement with the Drainage Board for use of the hall.

Review of Invoices/Financial Report – The Board reviewed the preliminary December 2025 Financial Report.

The next regular meeting date will be Tuesday, February 3, 2026 at 8:30 a.m. at the Town of Osborn.

Legal Drain Connection Applications Received: North Kaukauna Storage Units-Vandenbroek District – Public Hearing scheduled for 9:00 a.m. on February 3, 2026

Van Eperen moved, seconded by Vander Heiden to adjourn at 10:11 a.m.

Respectfully submitted,

Nancy J. Christensen
Administrative Assistant



Date	12/19/2025
To	Brandon Robaidek, P.E. – Robert E. Lee & Associates, Inc
Cc	Outagamie County Drainage Board
From	Justin Keen, P.E. Cedar Corporation
Subject	North Kaukauna Storage Units Development Storm Water Management Plan Review Vandenbroek Drainage District

Cedar Corporation has reviewed the Storm Water Management Plan submitted for the North Kaukauna Storage Units Development in the Town of Vandenbroek. The plan was prepared by Robert E. Lee & Associates, Inc. The Storm Water Management Plan was reviewed for compliance with the Outagamie County Drainage Board regulations and guidance documents. The proposed project area is 19.25 acres, which drains to the Lateral 2 Legal Drain of the Vandenbroek Drainage District.

We offer the following review comments:

1. Storm water shall be managed to conform to the development's proportionate share of the 10-year, 24-hour discharge identified in the drain to which the connection will be made for the 10-year, 24-hour event (3.8" per Wis. Admin. Code ch. ATPC 48).
 - a. The allowable rate was calculated from the attached calculations table, 40 cfs/271 acres = 0.15 cfs/acre. The project site area draining to the legal drain is 19.25 acres according to the report. Therefore, 19.25 acres x 0.15 cfs/acre = 2.89 cfs allowed for 10 year, 24-hour storm event.

Flow Calculation Table	10 Year Storm Flows
Maximum Flow Allowed to legal drain	2.89 cfs
3.8" Design Storm Discharge to legal drain From overall site (19.25 acres)	8.91 cfs
3.8" Design Storm Discharge to legal drain From disturbed areas draining to ponds (16.78 acres) (87% of site)	1.19 cfs

Note that there are 2.48 acres of untreated area that cannot be physically collected into the storm water management facilities. These areas are landscaped berm and side slope areas being used to bring the site up to grade. The areas that drain into the storm water management facilities meet the 10 Year Storm Flow requirements. The 2.48 acres of untreated area cause the complete site to not be in compliance with requirements.

**10-Year, 24-Hour Storm Flow Rate Calculations
Vandenbroek Drainage District
Outagamie County, WI**

According to Figure 3 in Flood-Frequency Characteristics of Wisconsin Streams, this district is located in flood-frequency area 4. As such, the equation for estimating the peak flood discharge for a 10-year storm event is:

$$Q = 7.94A^{0.844}S^{0.309}ST^{-0.285}SP^{-0.252}SN^{0.399}$$

Section	Watershed Area (Acres)	Converted Watershed Area (A) (Square miles)	Channel Slope (S) (feet/mile)	Storage (ST) (percent of area + 1)	Soil Permeability (SP) (inches/hour)	Snowfall (SN) (inches)	Calculated Flow Rate (Q) (cfs)
Lateral #1							
0+00	95	0.1	5.9	1.3	0.1	44	21
6+52	126	0.2	5.9	1.3	0.1	44	26
12+70	139	0.2	5.9	1.3	0.1	44	29
14+74	143	0.2	5.9	1.3	0.1	44	29
25+00	174	0.3	5.9	1.3	0.1	44	35
39+03	198	0.3	5.9	1.3	0.1	44	39
46+78	217	0.3	5.9	1.3	0.1	44	42
Lateral #2							
0+00	271	0.4	2.8	1.3	0.1	44	40
7+88	297	0.5	2.8	1.3	0.1	44	43
29+76	423	0.7	2.8	1.3	0.1	44	58
Main Ditch							
0+00	4	0.0	5.4	1.3	0.1	44	1
4+44	85	0.1	5.4	1.3	0.1	44	18
19+13	273	0.4	5.4	1.3	0.1	44	49
20+66	280	0.4	5.4	1.3	0.1	44	50
23+90	320	0.5	5.4	1.3	0.1	44	56
37+55	340	0.5	5.4	1.3	0.1	44	59
47+30	395	0.6	5.4	1.3	0.1	44	67
59+58	422	0.7	5.4	1.3	0.1	44	71
72+92	544	0.9	5.4	1.3	0.1	44	88
86+88	639	1.0	5.4	1.3	0.1	44	101
101+62	717	1.1	5.4	1.3	0.1	44	111
111+37	956	1.5	5.4	1.3	0.1	44	142
127+05	1,510	2.4	5.4	1.3	0.1	44	208
149+57	1,632	2.6	5.4	1.3	0.1	44	222
170+87	1,856	2.9	5.4	1.3	0.1	44	248
188+32	1,912	3.0	5.4	1.3	0.1	44	254

Source: Flood Frequency Characteristics of Wisconsin Streams, by William R. Krug, Duane H. Conger, and Warren A. Gebert; U.S. Geological Survey; Water Resources Investigations Report 91-4128; Madison, Wisconsin, 1992.

Notes:

1. Watershed area obtained by delineating the district ditch watershed on a USGS 7.5-minute quadrangle map and using a planimeter to measure the associated drainage area at each section.
2. Converted watershed area (square miles) = Watershed Area (acres) / (640 acres/square mile).
3. Storage value obtained by measuring total area of lakes and wetlands within drainage basin on a USGS 7.5 minute quadrangle map with a planimeter. The storage value was determined by dividing the total area of lakes and wetlands by the total area for the watershed or subwatershed and adding 1%.
4. Soil permeability taken from Plate #2, Flood Frequency Characteristics of Wisconsin Streams, 1992.
5. Mean annual snowfall value interpolated from Figure 1 of Flood Frequency Characteristics of Wisconsin Streams, 1992.

This aerial map displays a rural landscape with various property boundaries and features. A red rectangular box highlights a specific area in the center-right of the map, which is labeled 'PROJECT LOCATION' with an arrow pointing to it. The highlighted area contains several parcels, including 021803 (7.74 A), 021802 (9.78 A), and 021801 (1.11 A). Other visible parcels include 023004 (42.03 A), 023003 (1.50 A), 023002 (1.73 A), 023001 (1.40 A), 023000 (1.70 A), 0219 (17 A), 0211 (32.45 A), 0216 (1 A), 0215 (1.11 A), 0214 (1.11 A), 0213 (1.11 A), 0212 (1.11 A), 0211 (1.11 A), 0210 (1.11 A), 0209 (40 A), 0208 (35.75 A), 0207 (1.11 A), 0206 (1.11 A), 0205 (1.11 A), 0204 (1.11 A), 0203 (1.11 A), 0202 (1.11 A), 0201 (1.11 A), 0200 (1.11 A), 0199 (1.11 A), 0198 (1.11 A), 0197 (1.11 A), 0196 (1.11 A), 0195 (1.11 A), 0194 (1.11 A), 0193 (1.11 A), 0192 (1.11 A), 0191 (1.11 A), 0190 (1.11 A), 0189 (1.11 A), 0188 (1.11 A), 0187 (1.11 A), 0186 (1.11 A), 0185 (1.11 A), 0184 (1.11 A), 0183 (1.11 A), 0182 (1.11 A), 0181 (1.11 A), 0180 (1.11 A), 0179 (1.11 A), 0178 (1.11 A), 0177 (1.11 A), 0176 (1.11 A), 0175 (1.11 A), 0174 (1.11 A), 0173 (1.11 A), 0172 (1.11 A), 0171 (1.11 A), 0170 (1.11 A), 0169 (1.11 A), 0168 (1.11 A), 0167 (1.11 A), 0166 (1.11 A), 0165 (1.11 A), 0164 (1.11 A), 0163 (1.11 A), 0162 (1.11 A), 0161 (1.11 A), 0160 (1.11 A), 0159 (1.11 A), 0158 (1.11 A), 0157 (1.11 A), 0156 (1.11 A), 0155 (1.11 A), 0154 (1.11 A), 0153 (1.11 A), 0152 (1.11 A), 0151 (1.11 A), 0150 (1.11 A), 0149 (1.11 A), 0148 (1.11 A), 0147 (1.11 A), 0146 (1.11 A), 0145 (1.11 A), 0144 (1.11 A), 0143 (1.11 A), 0142 (1.11 A), 0141 (1.11 A), 0140 (1.11 A), 0139 (1.11 A), 0138 (1.11 A), 0137 (1.11 A), 0136 (1.11 A), 0135 (1.11 A), 0134 (1.11 A), 0133 (1.11 A), 0132 (1.11 A), 0131 (1.11 A), 0130 (1.11 A), 0129 (1.11 A), 0128 (1.11 A), 0127 (1.11 A), 0126 (1.11 A), 0125 (1.11 A), 0124 (1.11 A), 0123 (1.11 A), 0122 (1.11 A), 0121 (1.11 A), 0120 (1.11 A), 0119 (1.11 A), 0118 (1.11 A), 0117 (1.11 A), 0116 (1.11 A), 0115 (1.11 A), 0114 (1.11 A), 0113 (1.11 A), 0112 (1.11 A), 0111 (1.11 A), 0110 (1.11 A), 0109 (1.11 A), 0108 (1.11 A), 0107 (1.11 A), 0106 (1.11 A), 0105 (1.11 A), 0104 (1.11 A), 0103 (1.11 A), 0102 (1.11 A), 0101 (1.11 A), 0100 (1.11 A), 0099 (1.11 A), 0098 (1.11 A), 0097 (1.11 A), 0096 (1.11 A), 0095 (1.11 A), 0094 (1.11 A), 0093 (1.11 A), 0092 (1.11 A), 0091 (1.11 A), 0090 (1.11 A), 0089 (1.11 A), 0088 (1.11 A), 0087 (1.11 A), 0086 (1.11 A), 0085 (1.11 A), 0084 (1.11 A), 0083 (1.11 A), 0082 (1.11 A), 0081 (1.11 A), 0080 (1.11 A), 0079 (1.11 A), 0078 (1.11 A), 0077 (1.11 A), 0076 (1.11 A), 0075 (1.11 A), 0074 (1.11 A), 0073 (1.11 A), 0072 (1.11 A), 0071 (1.11 A), 0070 (1.11 A), 0069 (1.11 A), 0068 (1.11 A), 0067 (1.11 A), 0066 (1.11 A), 0065 (1.11 A), 0064 (1.11 A), 0063 (1.11 A), 0062 (1.11 A), 0061 (1.11 A), 0060 (1.11 A), 0059 (1.11 A), 0058 (1.11 A), 0057 (1.11 A), 0056 (1.11 A), 0055 (1.11 A), 0054 (1.11 A), 0053 (1.11 A), 0052 (1.11 A), 0051 (1.11 A), 0050 (1.11 A), 0049 (1.11 A), 0048 (1.11 A), 0047 (1.11 A), 0046 (1.11 A), 0045 (1.11 A), 0044 (1.11 A), 0043 (1.11 A), 0042 (1.11 A), 0041 (1.11 A), 0040 (1.11 A), 0039 (1.11 A), 0038 (1.11 A), 0037 (1.11 A), 0036 (1.11 A), 0035 (1.11 A), 0034 (1.11 A), 0033 (1.11 A), 0032 (1.11 A), 0031 (1.11 A), 0030 (1.11 A), 0029 (1.11 A), 0028 (1.11 A), 0027 (1.11 A), 0026 (1.11 A), 0025 (1.11 A), 0024 (1.11 A), 0023 (1.11 A), 0022 (1.11 A), 0021 (1.11 A), 0020 (1.11 A), 0019 (1.11 A), 0018 (1.11 A), 0017 (1.11 A), 0016 (1.11 A), 0015 (1.11 A), 0014 (1.11 A), 0013 (1.11 A), 0012 (1.11 A), 0011 (1.11 A), 0010 (1.11 A), 0009 (1.11 A), 0008 (1.11 A), 0007 (1.11 A), 0006 (1.11 A), 0005 (1.11 A), 0004 (1.11 A), 0003 (1.11 A), 0002 (1.11 A), 0001 (1.11 A).

Outagamie