

REGULAR MEETING MINUTES

January 8, 2026

(Action by the SCWMC appears in blue, by the WMWMC in green and shared information in black.
*indicates items included in the meeting packet.)

I. CALL TO ORDER. A joint meeting of the Shingle Creek Watershed Management Commission and the West Mississippi Watershed Management Commission was called to order by Shingle Creek Chairman Andy Polzin at 12:48 p.m. on Thursday, January 8, 2026, at Plymouth Community Center, 14800 34th Avenue North, Plymouth, MN.

Present for Shingle Creek: David Vlasin, Brooklyn Center; Steve Antolak, Brooklyn Park; Burt Orred, Jr., Crystal; Chuck Lenthe, Maple Grove; Bob Grant, New Hope; John Roach, Osseo; and Andy Polzin, Plymouth. Not represented: Minneapolis and Robbinsdale.

Present for West Mississippi: David Vlasin, Brooklyn Center; Steve Antolak, Brooklyn Park; Chuck Lenthe, Maple Grove; and John Roach, Osseo. Not represented: Champlin.

Also present: Nate Musial, Brooklyn Park; Steven Touney, Champlin; Jesse Struve and Randy Bergstrom, Crystal; Derek Asche and Shane Awalt, Maple Grove; Nick Macklem, New Hope; James Kelly, Osseo; Talori Dunsworth, Plymouth; Richard McCoy and Jenna Wolf, Robbinsdale; Eric Osterdyk and Grace Neumiller, Stantec; Troy Gilchrist, Town Law Center; Judie Anderson, JASS; Brian Vlach, Three Rivers Park District; and Todd Shoemaker, AE2S.

II. AGENDAS AND MINUTES.

A. Motion by Antolak, second by Grant to approve the **Shingle Creek agenda*** as presented. *Motion carried unanimously.*

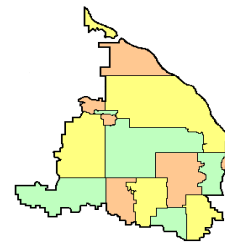
B. Motion by Antolak, second by Lenthe to approve the **West Mississippi agenda*** as presented. *Motion carried unanimously.*

C. Motion by Lenthe, second by Roach to approve the **minutes of the December 11, 2025, regular meeting.*** *Motion carried unanimously.*

D. Motion by Lenthe, second by Vlasin to approve the **minutes of the December 11, 2025, regular meeting.*** *Motion carried unanimously.*

III. FINANCES AND REPORTS.

A. Motion by Orred, second by Antolak to approve the Shingle Creek **January Treasurer's Report* and claims** totaling \$211,429.18. Voting aye: Vlasin, Antolak, Orred, Lenthe, Grant, Roach, and



Polzin; voting nay: none; absent: Minneapolis and Robbinsdale.

B. Motion by Antolak, second by Roach to approve the West Mississippi **January Treasurer's Report* and claims** totaling \$8,801.05. Voting aye: Vlasin, Antolak, Lenthe, and Roach; voting nay: none; absent: Champlin.

IV. OPEN FORUM.

Kelly presented pages 108-109 from an unnamed book depicting the 1961 Central Avenue storm sewer project in Osseo; a 1988 construction project to make Central Avenue more pedestrian-friendly; the 1991 water main replacement; and a brief description of the formation of watershed organizations in the early 1990s. Ostensibly, this was a follow-up to Kelly's comment at the December meeting regarding the City of Osseo's failure to address drainage and erosion issues within and adjacent to the Edinbrook channel where it flows into a pipe under the St. Vincent de Paul Cemetery Mausoleum.

V. OLD BUSINESS.

Mississippi Gateway. Three Rivers Park District (TRPD) submitted a Partnership Cost Share request to the West Mississippi Commission in 2023. The project would stabilize approximately 2200 LF of Mississippi River shoreline located within the Gateway Regional Park in Brooklyn Park and was approved for the cost-share amount of \$75,000 at the Commission's September 14, 2023, meeting.

In his email to Staff on December 5, 2025, Brian Vlach, TRPD's Sr. Water Resources Manager, provided an update on the project. He indicated that TRPD has executed an LCCMR grant to secure the remaining funds for construction of the project, bids have been received, and a contractor selected. Construction will begin in early January 2026.

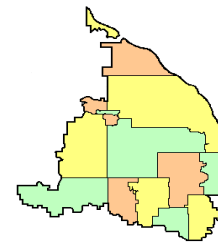
Also included in the December meeting packet was a copy of the Cost-Share Cooperative Agreement* between the Park District and the Commission. Since the Commission's attorney had not reviewed the agreement, the Commission tabled approval of the agreement to this meeting. Gilchrist reported that he has reviewed and made minor changes to the agreement, which have been agreed to by the Park District. Vlach was also present to provide a further update on the project's progress.

Motion by Antolak, second by Roach to direct the Chair to sign the agreement on behalf of the Commission. *Motion carried unanimously.*

VI. PROJECT REVIEWS.

A. SC2025-08: Joyful Way Church, Brooklyn Park.* Construction of an 11,000 SF church building with associated parking and driveway on a 3.3-acre site located at 6340 Zane Avenue North. Following development, the site will be 38 percent impervious with 1.3 acres of impervious surface – an increase of 1.2 acres. A complete project application was received on August 28, 2025. The 60-day review period was extended an additional 60 days by Commission staff. The extended 120-day review period was extended an additional 60 days by request of the applicant.

Commission rules require the site to infiltrate 1.1 inches of runoff from new impervious and reconstructed impervious area within 48 hours. The new and reconstructed impervious area on this site is 1.3 acres, requiring infiltration of 5,053 cubic feet within 48 hours. The applicant demonstrated



through infiltration testing and boring logs that site soils have the capacity to infiltrate the required volume in 48 hours. The bottom of the basin elevation provides three feet of vertical separation from seasonally high groundwater levels. The applicant meets Commission volume control requirements.

To comply with the Commission’s water quality treatment requirement, the site must provide treatment so there is no net increase in TP or TSS from pre- to post-development land cover. Meeting the infiltration requirement is considered sufficient to provide a similar level of treatment.

Runoff from the site is proposed to be routed to two infiltration basins located on the eastern edge of the site and the northwest corner of the site. Pretreatment for the basins is provided by a forebay at the upstream end of each basin. The applicant meets Commission water quality treatment requirements.

Commission rules require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year, 24-hour, and 100-year, 10-day critical storm event. The majority of runoff from the site drains east to the east infiltration basin via overland flow and proposed storm structures. A central portion of the site drains northwest towards the northwest infiltration basin via overland flow. A west portion of the site drains west towards offsite Zane Ave catch basins via overland flow. The applicant meets Commission rate control requirements.

The erosion control plan includes a rock construction entrance, perimeter silt fence, inlet protection, perimeter control for infiltration basins, rip rap at inlets, stabilization of emergency spillways, and native seed specified on basin slopes. Erosion control plans meet Commission requirements.

The National Wetlands Inventory identifies a wetland (Twin Creek) on the eastern edge of the site. SCWMC is LGU for WCA administration. A Notice of Decision was issued by the LGU to determine wetland boundary delineation, which is included on the proposed site plans. Wetland buffers are provided at a minimum of 20 feet in width and an average of 30 feet in width. The applicant meets Commission wetland requirements.

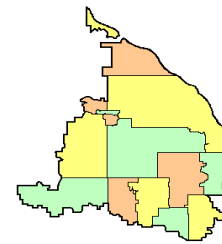
There are no Public Waters on this site. The applicant meets Commission Public Waters requirements.

The low floor elevations of the buildings are at least two feet higher than the high-water elevation of the infiltration basin according to Atlas 14 precipitation. The low floor elevation of the building (868.0) is at least two feet higher than the 100-year flood elevation of the creek (861.3 feet) and infiltration basins (864.7 and 863.0 ft). Grading in the floodplain is proposed and will result in no net fill in the floodplain. The applicant meets Commission floodplain requirements.

The site is not located in a Drinking Water Supply Management Area (DWSMA). The applicant meets Commission drinking water protection requirements.

A public hearing on the project was conducted on October 8, 2025 as part of Planning Commission review of this project, meeting Commission public notice requirements.

A draft Operations & Maintenance (O&M) agreement between the applicant and the City of Brooklyn Park has not been provided.



Motion by Antolak, second by Grant to advise the City of Brooklyn Park that approval of Project 2025-08 is granted with three conditions:

1. Provide a complete O&M agreement between the applicant and the City of Brooklyn Park for all stormwater facilities on the project site.
2. After construction, demonstrate by double ring infiltrometer or witness test that the site can meet the design infiltration rate of 3.24 inches/hour for the east basin and 0.8 inches/hour for the northwest basin.
3. Submit to the City of Brooklyn Park a recordable conservation easement for protection of the wetland buffer strip. The easement shall describe the boundaries of the watercourse or wetland and buffer strips, identify the monuments and monument locations, and prohibit any of the alterations noted below and the removal of the buffer strip monuments within the buffer strip or the watercourse or wetland.

Alterations including building, storage, paving, mowing, plowing, introduction of noxious vegetation, cutting, dredging, filling, mining, dumping, grazing livestock, agricultural production, yard waste disposal or fertilizer application, are prohibited within any buffer strip. Noxious vegetation may be removed as long as the buffer strip is maintained to the standards required by the Commission. Alterations would not include plantings that enhance the natural vegetation or selective clearing or pruning of trees or vegetation that are dead, diseased or posing similar hazards.

Motion carried unanimously.

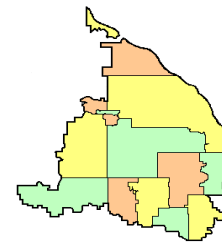
B. SC2025-10 Crest View Community School, Brooklyn Park.* Construction of a Community School on a 15.2-acre site located at 8200 Zane Ave North. The proposed project is the reconstruction of an existing school into a community school with a playground and associated parking. Following development, the site will be 37 percent impervious with 5.56 acres of impervious surface, an increase of 0.88 acres. A complete project application was received on December 8, 2025.

Commission rules require the site to infiltrate 1.1 inches of runoff from new impervious and reconstructed impervious area within 48 hours. The new and reconstructed impervious area on this site is 245,018 ft², requiring infiltration of 22,460 CF within 48 hours. The applicant proposes to construct two infiltration basins that have the capacity to infiltrate the required volume within 48 hours. The applicant meets Commission volume control requirements.

To comply with the Commission’s water quality treatment requirement, the site must provide treatment so there is no net increase in TP or TSS from pre- to post-development land cover. Meeting the infiltration requirement is considered sufficient to provide a similar level of treatment.

Runoff from the site is proposed to be routed to two infiltration basins. The applicant meets Commission water quality treatment requirements.

Commission rules require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year, 24-hour, and 100-year, 10-day critical storm event. Runoff from the site is controlled by two infiltration basins. Revisions to the hydraulic model are required to determine existing and



proposed rates to Zane and Yates Avenue. The applicant meets Commission rate control requirements.

The erosion control plan includes rock construction entrances, perimeter silt fence, silt fence surrounding infiltration basins, inlet protection, rip rap at inlets, slope checks, and native seed specified on the pond slopes. However, additional perimeter control is required to control offsite discharges. The erosion control plan does not meet Commission requirements; however, this will be addressed as a condition of approval (Condition 5).

The National Wetlands Inventory does not identify any wetlands on site. The applicant meets Commission wetland requirements. There are no Public Waters on this site. The applicant meets Commission Public Waters requirements.

There is no FEMA-regulated floodplain on this site. The low floor elevations of the buildings are at least two feet higher than the high-water elevation of the detention infiltration basins according to Atlas 14 precipitation. The applicant meets Commission floodplain requirements.

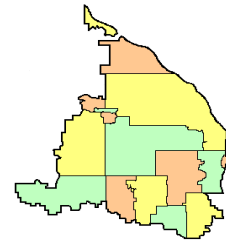
The site is within a High Vulnerability Drinking Water Supply Management Area but outside the Emergency Response Area. Per the MN Stormwater Manual, a higher level of engineering review is required to justify infiltration. This review determines whether infiltrated water could reach a receptor (e.g., a well) within one year – a criterion based on pathogen survival and emergency response time. The applicant has provided documentation that indicates groundwater flows toward two wells (IDs 439000 and 759567) per the Minnesota Well Index. The closest lateral distance to these wells is approximately 2,160 feet. Using the Twin Cities Metropolitan Groundwater Model and Hennepin County Geologic Atlas the applicant estimated a horizontal velocity of 3.72 feet/day, resulting in a one-year travel distance of 1,357 feet. Thus, infiltrated water would take approximately 1.57 years (2,160 ft./1,357 ft./yr.) to reach the nearest well. Additionally, the applicant proposes ripping the bottom 18 inches of the infiltration practices and adding six inches of planting media (80% sand, 20% peat) above the ripped soils. These measures meet Commission drinking water protection requirements.

A public hearing on the project was conducted on November 12, 2025, as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

A draft Operations & Maintenance (O&M) agreement between the applicant and the City of Brooklyn Park has been provided.

Motion by Antolak, second by Lenthe to advise the City of Brooklyn Park that approval of Project 2025-10 is granted with five conditions:

1. Demonstrate by field measured infiltration test that the site can meet the design infiltration rate of 0.6 inches/hour.
2. Revise the outlet invert of the 12-inch culvert in the existing conditions HydroCAD model from 838.20' to 868.20' to correspond with Sheet C401.
3. Route Subcatchment T to Pond 1P in the proposed conditions HydroCAD model. The grading shown on Sheet C300 and the proposed conditions drainage map indicate Subcatchment T will discharge to basin 1P rather than 2P as currently modeled.



4. Clarify intent of STMH-21. This structure is a solid grate with a piped outlet to Pond 1P; however, there is no contributing drainage area that is captured by this infrastructure. The previous submittal received on November 25, 2025, showed a connection to catch basins on Yates Avenue pending City design/scope for Yates Avenue reconstruction.

5. Provide down-gradient perimeter control on the east side of the site shown in the Grading and Erosion Control Plan – North (Sheet C-300). Sheet C-300 shows drainage to Yates Avenue.

Motion carried unanimously.

VII. NEW BUSINESS.

A. **SHINGLE CREEK and WEST MISSISSIPPI 2026 WORK PLANS.** In Staff's December 31, 2025, memos*are listed proposed activities for the Commissions' 2026 Work Plans, organized by Goal Areas identified in the Fourth Generation Plan and as general, routine Commission business. Proposed 2026 Monitoring Plans for each Commission will be presented at next month's meeting.

Goal 1. Protect, maintain, and improve the water quality and ecological integrity of the water and natural resources within the watersheds and the downstream receiving waters.

a. Complete the Lake Magda Subwatershed Assessment to identify BMP opportunities as part of the FY24-25 WBIF grant.

b. Manage aquatic invasive species (AIS) in watershed lakes as necessary. Bass Lake, Twin Lakes, and Meadow Lake all have curly-leaf pondweed infestations that have been treated recently.

c. Implement carp removals and population estimate updates in Crystal and Twin Lakes as part of the FY24-25 Watershed Based Implementation Funding (WBIF) grant.

d. Continue partnership with the City of Brooklyn Park and Three Rivers Park District to plan and design the Brookdale Park Natural Channel Phase 1 project, the stream restoration on Shingle Creek from the end point of the Connections project in Brookdale Park to just downstream of Xerxes Avenue.

e. Continue working with the City of Minneapolis in planning for the Minneapolis Shingle Creek Regional Park project.

f. Continue partnering with the City of Maple Grove to implement the Eagle Lake Management Plan, which includes a second dose of alum in 2026 and additional AIS treatments, if necessary.

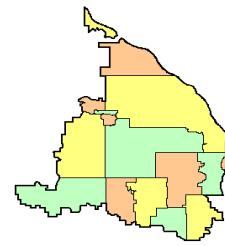
g. Continue partnering with cities on the Twin Lake Management Plan, including the subwatershed assessment and planning for potential internal load management.

h. Continue to partner with the USGS to operate the Queen Avenue monitoring site.

i. Use funding from the Project Maintenance Fund to upkeep past project improvements.

j. Complete the 38th Avenue Outfall special monitoring project.

k. Continue to identify, pursue grant funding for, and implement projects and programs



addressing the bacterial impairment in the Mississippi River.

- l.** Identify boundaries of the untreated areas directly connected to the Mississippi River or other conveyances.
- m.** Partner with the MWMO to undertake monitoring at the 65th Avenue outfall.
- n.** Continue to work with Brooklyn Park and Hennepin County to prepare a follow-up to the Mississippi River stabilization study.
- o.** Complete the TH 252 subwatershed assessments for the Evergreen/70th Avenue and Meadowood areas.
- p.** Stay abreast of other regional and state TMDLs.

Goal 2. Reduce stormwater runoff rates and volumes to limit flood risk, protect conveyance systems, protect surficial groundwater, and reduce or mitigate impacts that have already occurred.

- a.** Complete reviews of development and redevelopment projects as necessary.

Goal 3. Educate and engage all stakeholders in the watersheds on surface water issues and opportunities.

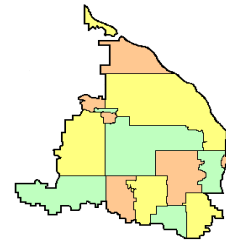
- a.** Participate in the West Metro Water Alliance joint education and outreach group.
- b.** Partner with Hennepin County and other local watersheds to fund and provide guidance to the shared Education and Outreach Coordinator.
- c.** Work with the shared Education and Outreach Coordinator to offer customized shoreline restoration workshops as part of an effort to enhance outreach to lake associations.
- d.** Complete and implement a Joint Chloride Management Plan for the watershed with Shingle Creek, West Mississippi, and Elm Creek WMCs.
- e.** Complete the migration and update of the Commissions' and WMWA's websites.
- f.** Develop a format and process for incorporating documentation of potential impacts to and outreach to underrepresented populations to increase engagement and help improve equitable outcomes.

Goal 4. Anticipate and proactively work to withstand adverse impacts from changing environmental and climate conditions.

- a.** Consider applying for an MPCA Community Resilience grant, if available, in 2026 to model future precipitation scenarios in the watershed.

Continue ongoing administration and programming.

- a.** Conduct routine Commission lake water quality monitoring and aquatic vegetation monitoring on Lake Magda and Ryan Lake, and project-associated monitoring on Eagle and Pike Lakes.
- b.** Conduct Commission routine flow and water quality monitoring on Shingle and Bass Creeks at established monitoring sites.



- c. Sponsor volunteer lake monitoring through Metropolitan Council's Community Assisted Monitoring Program (CAMP) on up to four lakes.
- d. Conduct Commission routine flow and water quality monitoring at the Environmental Preserve site.
- e. If available in 2026, sponsor volunteer stream monitoring through Hennepin County Watershed Connections.
- f. Prepare an annual water quality report.
- g. Solicit cost-share projects from member cities funded from the Cost Share Fund and the annual \$100,000 levy and the Partnership Cost Share Fund and the annual \$50,000 levy.
- h. Solicit cost-share projects from member cities funded from the Cost Share Fund and the annual \$50,000 levy.
- i. Review feasibility studies for 2026 proposed capital projects, undertake Plan Amendments, hold public hearings, order projects, and certify levies.
- j. Prepare a 2027 annual budget.
- k. Invite three guest speakers to make lunchtime water resources presentations.

Motion by Antolak, second by Orred to approve the 2026 Shingle Creek Work Plan with appropriate minor adjustments to the timeline. *Motion carried unanimously.*

Motion by Lenthe, second by Antolak to approve the 2026 West Mississippi Work Plan with the addition of the Minneapolis Park project to the goals and appropriate minor adjustments to the timeline. *Motion carried unanimously.*

B. MISSISSIPPI RIVERBANK STABILIZATION STUDY.* Staff have created one- and two-page summary sheets explaining conditions along the riverbank and describing some typical stabilization methods along with a range of costs for each project. The sheets will be used for educational purposes and as handouts to landowners, who are encouraged to contact the Commission if they would like to pursue a project on their properties. The Commissioners approved both versions of the sheets, which will be uploaded to the website.

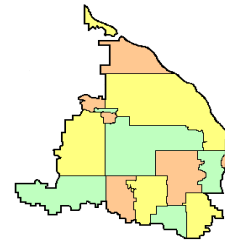
VIII. GRANT OPPORTUNITIES.

IX. EDUCATION AND PUBLIC OUTREACH.

A. West Metro Water Alliance (WMWA). Included in the meeting packet was an update from Grace Barcelow,* Hennepin County Environment and Energy Conservation Specialist, grace.barcelow@hennepin.us.

B. West Metro Water Alliance (WMWA) will meet via Zoom at 8:30 a.m., Tuesday, January 13, 2026. The link to join:

<https://us02web.zoom.us/j/922390839?pwd=TKlBQW1ZNXVXdzdtTDBTSDZkZmZuQT09>



C. A **WMWA Strategic Planning Meeting** is scheduled to follow the regular WMWA meeting on January 13.

X. COMMUNICATIONS.

A. **January Communications Log.*** No action required.

B. **January Staff Report.***

1. **38th Avenue Outfall Monitoring.** Staff worked with Tech Sales to confirm the equipment quote for 38th Ave Outfall monitoring and to order equipment before EOY 2025. Staff will meet in mid-January to discuss initial tasks for the project and contact the City of Robbinsdale with any needs to prepare for equipment installation in Spring 2026.

2. **Mississippi Riverbank Stabilization Study.** Staff completed a summary memo explaining the Mississippi Riverbank Stabilization Study in simplified terms for educational purposes and distribution to landowners. One- and two-page versions of the summary were delivered to the Commission at today's meeting. (Item VII.B.)

3. **Joint Chloride Management Plan.** Staff are working with TAC members to identify priority areas within the watersheds to target implementation actions, such as large parking lots, agricultural lands, or drainage areas of chloride impaired/threatened waterbodies. Members are asked to submit high priority chloride management areas in their region to katie.kemmitt@stantec.com. Stantec is also developing a survey for road authorities to understand their current chloride practices, challenges, and opportunities.

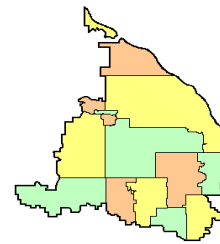
4. **Twin Lakes SWA.** Staff are comparing load reductions needed to meet water quality standards in Ryan, Middle, and Upper Twin Lakes. Lower Twin Lake already meets state Water Quality standards. Staff pulled and analyzed all relevant WQ data (TP, Secchi, and Chl-*a*) for each lake to show annual variability. They also downloaded and analyzed variability of TP by depth in all of the lakes to show evidence for internal loading of TP from the sediments.

The 639W Wetland Feasibility Report is being finalized. The Lake Response Model (LRM) has been updated to include 2025 internal loading rates for all the lakes and TP watershed loading based on updated P8 model. Other inputs used in the LRM were based on the 1999 Lake Response Model published in the original TMDL. The 2025 updated watershed loads better characterize each lake within the model at this time. The updated lake response model estimates for surface TP in each lake are performing well against surface TP data collected from 2010-2025. An alum treatment scenario is being modeled for Upper Twin Lake to characterize reductions in internal TP loading and its impact on surface concentrations. Staff are currently identifying potential BMP locations.

5. **Grant, Cost-Share and Fund Balances** are summarized on the last page of the report.

XI. OTHER BUSINESS.

A. The Commission has received notice that the middle school will no longer operate at the **FAIR School Crystal Campus**. Last March, the Commission approved a Trust for Public Land/FAIR School application request of \$10,000 for an outdoor classroom/rain garden project, with funds coming from the



Commission's Partnership Cost Share Fund. The proposed project also included seating, community gathering space, native plantings, and accessible pathways, play areas, and education signage. The focus of the project is on outdoor and environmental education, specifically water conservation due to the school backyard containing Gaulke Pond.

In her January 7, 2026, email Kayla Westerlund, Program Manager at the Trust, reported that the rain garden was installed last fall and the Trust is awaiting the final invoice from the landscaper in order to seek reimbursement from the Commission. She indicated a different academic program will take over the FAIR building, providing an alternative learning high school program. Robbinsdale School District will continue to own and operate the building and maintain and steward the schoolyard and rain garden.

B. The members are reminded that **appointments are due** by the cities of Osseo, Plymouth and Robbinsdale for Shingle Creek and by the City of Osseo for West Mississippi. Terms are for three years beginning February 1, 2026. Appointments have been received from the City of Plymouth.

Election of officers will occur at the February meeting. Current officers are:

Chair:	Andy Polizn	Gerry Butcher
Vice Chair:	Wayne Sicora	David Mulla
Secretary:	Karen Jaeger	Karen Jaeger
Treasurer:	Burt Orred, Jr.	Karen Jaeger

C. There being no further business, the meeting was adjourned at 1:50 p.m.

Respectfully submitted,

Handwritten signature of Judie A. Anderson in black ink.

Judie A. Anderson
Recording Secretary

JAA:tim

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