

MINUTES Regular Meeting and Public Hearing August 9, 2018

(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. 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 12:45 p.m. on Thursday, August 9, 2018, at the Clubhouse at Edinburgh, USA, 8700 Edinbrook Crossing, Brooklyn Park, MN.

Present for Shingle Creek were: David Vlasin, Brooklyn Center; John Roach, Brooklyn Park; Burton Orred, Jr., Crystal; Karen Jaeger, Maple Grove; Gary Anderson, Minneapolis; Bill Wills, New Hope; Harold E. Johnson, Osseo; Andy Polzin, Plymouth; Ed Matthiesen, Wenck Associates, Inc.; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS.

Not represented: Robbinsdale.

Present for West Mississippi were: David Vlasin, Brooklyn Center; Steve Chesney, Brooklyn Park; Gerry Butcher, Champlin; Karen Jaeger, Maple Grove; Harold E. Johnson, Osseo; Ed Matthiesen, Wenck Associates, Inc.; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS.

Also present were: Andrew Hogg and Connor Janustin, Brooklyn Center; Alex Prasch and Mitch Robinson, Brooklyn Park; Heather Albrecht, Maple Grove; Liz Stout, Minneapolis; Robert Grant and Megan Albert, New Hope; Leah Gifford and Ben Scharenbroich, Plymouth; Richard McCoy and Marta Roser, Robbinsdale; and Jim Knuckey, Brooklyn Park.

II. Agendas and Minutes.

Motion by G. Anderson, second by Johnson to approve the **Shingle Creek revised agenda.*** *Motion carried unanimously.*

Motion by Chesney, second by Johnson to approve the **West Mississippi revised agenda.*** *Motion carried unanimously.*

Motion by Wills, second by Vlasin to approve the minutes of the July meeting.* Motion carried unanimously.

Motion by Butcher, second by Johnson to approve the **minutes of the July meeting.** * *Motion carried unanimously.*

III. Finances and Reports.

A. Motion by Orred, second by G. Anderson to approve the Shingle Creek August Treasurer's Report.*

Motion carried unanimously.

Motion by Orred, second by Jaeger to approve the **Shingle Creek August claims.*** Claims totaling \$70,482.80 were *approved by roll call vote:* ayes – Vlasin, Roach, Orred, Jaeger, G. Anderson, Wills, Johnson, and Polzin; nays – none; absent - Robbinsdale.

B. Motion by Jaeger, second by Chesney to approve the **West Mississippi August Treasurer's Report.*** *Motion carried unanimously*.



Motion by Butcher, second by Johnson to approve the **West Mississippi August claims.*** Claims totaling \$16,047.03 were *approved by roll call vote:* ayes – Vlasin, Butcher, Chesney, Jaeger, and Johnson; nays – none.

IV. Open Forum.

Knuckey, who resides near Candlewood and Brooklyn Boulevard, was present to express his concerns regarding silt build-up in Shingle Creek which is causing water to back up into adjacent back yards. He stated that the velocity of water running through the culverts from Eagle Lake is likely causing this and that if the water did not move through the culverts it would be slowed down.

Butcher suggested that the Commission's engineer take a look at the site. Matthiesen stated he was the engineer of record for the Pike Creek restoration project and there may be some bank failure occurring. He will visit the site with Craig Runnakko, Brooklyn Park Project Engineer, in the fall after leaf-off and report back to the Commission. Knuckey will be advised when that site visit will occur.

Knuckey also requested that the Commission recommend to its cities that artificial fertilizer not be permitted in order to protect our aquifers.

He also commended the Commission for the work it does for the watershed.

[The meeting was suspended at 1:12 p.m.]

V. Public Hearing for 2018 Capital Improvement Projects.

- A. The Shingle Creek Commission has received feasibility reports on Projects 2018-03, Project 2018-04, and Project 2018-05. At the July 12, 2018 meeting, the City of Champlin postponed to a future year and withdrew its request for its proposed project Mississippi Crossings Phase B. At that July meeting the Commissions called for a public hearing on August 8, 2018 to consider the three construction projects in addition to the annual City Cost Share and Partnership Cost Share projects. Member cities and the county have been notified and notice has been duly published.
 - **B.** Staff's August 3, 2018 memo* describes the proposed projects.
 - 1. Project: 2018-01: Shingle Creek Cost Share BMPs

Location: Within the Shingle Creek watershed.

Description: Small BMPs such as iron-enhanced pond filter benches; bio-infiltration basins; native buffers; and tree trenches that can be retrofit in existing areas to provide additional infiltration and water quality treatment.

Cost: The estimated project(s) cost is \$200,000, with \$100,000 borne by the city(ies) in which the project(s) are located. The Shingle Creek Commission proposes to fund a matching \$100,000 by certifying this cost to Hennepin County for collection with the county ad valorem tax levy.

TAC/Staff Recommendation: That the Shingle Creek Commission order the project and that cost share projects be solicited and selected based on its Cost-Share Program Guidelines.

2. Project 2018-02: Shingle Creek Partnership Cost Share BMPs

Location: Within the Shingle Creek watershed.

Description: Provide cost-share incentives to private property owners for BMP retrofit

projects.

Cost: The estimated project(s) cost is \$100,000. The Shingle Creek Commission proposes to fund \$50,000 by certifying this cost to Hennepin County for collection with the county ad valorem tax levy.

TAC/Staff Recommendation: That the Shingle Creek Commission order the project and that projects be solicited and selected based on its Cost-Share Partnership Program Guidelines.

3. Project: 2017-03: Becker Park Infiltration Project

Location: Crystal



Description: This project is the installation of approximately 72,000 square feet of underground storage in Becker Park in Crystal to treat runoff from about 147 acres of mostly untreated watershed.

Cost. The estimated project cost is \$2,500,000, with \$2,250,000 borne by the City of Crystal and several grants. The Shingle Creek Commission proposes to fund \$250,000 by certifying this cost to Hennepin County for collection with the county ad valorem tax levy.

TAC/Staff Recommendation: That the Shingle Creek Commission order the project.

4. Project: 2017-04: Bass and Pomerleau Lakes Alum Treatment

Location: Plymouth

Description: This project is alum treatments applied over two years to Bass and Pomerleau Lakes in Plymouth, follow-up monitoring, and invasive aquatic vegetation management.

Cost. The estimated project cost is \$390,000, borne by the Shingle Creek Commission and a grant. The Shingle Creek Commission proposes to fund this project from the Closed Projects Account.

TAC/Staff Recommendation: That the Shingle Creek Commission order the project.

5. Project: 2017-05 SRP Reduction Project

Location: Crystal and Brooklyn Park

Description: This is a research project to test various media in filters to be installed at the outlets of wetland 639W and the Cherokee wetland. The filters are designed to reduce Soluble Reactive Phosphorus, a dissolved form of phosphorus, from outflow from these degraded wetlands.

Cost. The estimated project(s) cost is \$124,680, borne by the Shingle Creek Commission and a grant. The Shingle Creek Commission proposes to fund \$52,510 by certifying this cost to Hennepin County for collection with the county ad valorem tax levy.

TAC/Staff Recommendation: That the Shingle Creek Commission order the project.

6. Project: 2017-06; West Mississippi Cost Share BMPs

Location: Within the West Mississippi watershed.

Description: Small BMPs such as iron-enhanced pond filter benches; bio-infiltration basins; native buffers; and tree trenches that can be retrofit in existing areas to provide additional infiltration and water quality treatment.

Cost: The estimated project(s) cost is \$100,000, with \$50,000 borne by the city(ies) in which the project(s) are located. The West Mississippi Commission proposes to fund a matching \$50,000 by certifying this cost to Hennepin County for collection with the county ad valorem tax levy.

TAC/Staff Recommendation: That the West Mississippi Commission order the project and that cost share projects be solicited and selected based on its Cost-Share Program Guidelines.

C. The public hearing was convened at 1:20 p.m.

No comments were received from the reviewing agencies. No comments were received from the member cities.

[The public hearing was closed at 1:22 p.m.]

VI. 2018 Capital Improvement Projects.

The Commissioners held brief discussion following the hearing.

A. On May 8, 2014 the Shingle Creek Commission received a feasibility report on the proposed project **2014-01 Plymouth Bass Lake Pond**. The City of Plymouth had undertaken a subwatershed assessment of the area tributary to Bass Lake to identify potential BMPs, primarily expansions of existing ponds, pond cleanouts, and other BMPs. The City's preferred alternative was a project to add hypolimnetic withdrawal and treatment of water to reduce phosphorus in either an upstream pond or a lagoon of Bass Lake to reduce phosphorus inflow to the lake. On September 11, 2014, the Commission ordered the project and certified a levy of \$210,000. Approximately \$202,500 of that levy has been collected and is currently in the Restricted Account for Capital Improvements.



For various reasons, the City did not go forward with that project, and instead began to consider an inlake alum treatment system instead of hypolimnetic withdrawal. The City now proposes to go forward with alum treatments in both Bass Lake and upstream Pomerleau Lake (Project 2018-04).

Motion by Jaeger, second by G. Anderson to cancel project 2014-01 Bass Lake Ponds and to direct that the accumulated received levy be reallocated from the Restricted Account to the Closed Projects Account. *Motion carried unanimously.*

B. Motion by Jaeger, second by Vlasin to approve **Resolution 2018-02** Ordering the 2018 Improvements ... Pursuant to Minnesota Statutes, Section 103B.251.* *Motion carried unanimously*.

Motion by Butcher, second by Chesney to approve **Resolution 2018-02** Ordering the 2018 Improvement ... Pursuant to Minnesota Statutes, Section 103B.251.* Motion carried unanimously.

C. Becker Park Infiltration Project.

- 1. Included in the meeting packet was a copy of the FY2016 BWSR Competitive Grant Agreement* for this project. The grant, in the amount of \$725,000, expires on December 31, 2018. Also included in the meeting packet was a copy of Amendment One* to this agreement by which the grant period is extended to December 31, 2019. Motion by Jaeger, second by Orred to authorize the Chair to execute this amendment on behalf of the Commission. Motion carried unanimously. [Note: Subsequent to the meeting, BWSR provided the Commission with an updated form of the amendment, which was executed by Chair Polzin on August 15, 2018.]
- 2. Included in the meeting packet was a copy of the **Metropolitan Council Stormwater Grant*** for this project. This grant is in the amount of \$150,000 and expires on March 1, 2020.
- **3.** Further, in the meeting packet was a copy of a **Cooperative and Subgrant Agreement*** for the Becker Park Infiltration project. The agreement is between the Commission and the City of Crystal and outlines the responsibilities of the parties. The agreement will be in effect until the project is fully constructed and all obligations under the grant agreements are met. Motion by G. Anderson, second by Johnson to authorize the Chair to execute this amendment on behalf of the Commission. *Motion carried unanimously*.

D. Bass and Pomerleau Lakes Internal Load Reduction Project.

- 1. Included in the meeting packet was a copy of the FY2018 BWSR Competitive Grant Agreement* for this project. The grant is in the amount of \$267,040 and expires on December 31, 2020.
- 2. Also included in the packet was a copy of a **Cooperative and Subgrant Agreement*** for this project. The agreement is between the Commission and the City of Plymouth and outlines the responsibilities of the parties. The agreement will be in effect until the project is fully constructed and all obligations under the grant agreements are met. Motion by G. Anderson, second by Johnson to authorize the Chair to execute this amendment on behalf of the Commission. *Motion carried unanimously*.

VII. Project Reviews.

A. WM2018-003 Boulder Estates, Champlin.* Construction of a 5-lot single-family residential subdivision on 1.53 acres located at approximately 1300 Dayton Road. Following development, the site will be 26 percent impervious with 0.40 acres of impervious surface, an increase of 0.40 acres. A complete project review application was received June 22, 2018.

To comply with the Commission's water quality treatment requirement, the site must provide ponding designed to NURP standards with dead storage volume equal to or greater than the volume of runoff from a 2.5" storm event, or BMPs providing a similar level of treatment - 80-85% TSS removal and 50-60% TP removal. Infiltrating 1.3-inches of runoff, for example, is considered sufficient to provide a similar level of treatment. If a sump is used the MnDOT Road Sand particle size distribution is acceptable for 80% capture. Runoff from the site is proposed to be routed to an infiltration area in the southern portion of the site. 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 storm events. Runoff from the site is proposed to be routed to an infiltration area in the southern portion of the site. Due to the low floor elevation of the home on the adjacent property south, pooled water is not recommended. Discussion with the City of Champlin revealed that discharge from the property quickly enters a series of ponds/wetlands, so rate control is not an issue. The applicant meets the Commission's rate control requirements.

Commission rules require the site to infiltrate 1.0" of runoff from new impervious area within 48 hours. The new impervious area on this site is 0.40 acres, requiring infiltration of 0.033 acre-feet within 48 hours. The applicant proposes to route runoff to an infiltration area in the southern portion of the site. Due to the low floor elevation of the home to the south, pooled water for infiltration is not recommended. The applicant meets Commission volume control requirements.

The NWI does not identify any wetlands on site. There are no Public Waters on this site. There is no floodplain on this site. The low floor elevations of the buildings are at least one foot higher than the emergency overflow of the infiltration area. The applicant meets Commission floodplain requirements.

An erosion control plan was submitted with the project review, and includes a gravel construction entrance, silt fence, inlet protection and native seed mix specified on pond slopes. The erosion control plan meets Commission requirements.

A public hearing on the project was held on May 21, 2018 as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

Motion by Butcher, second by Vlasin to advise the City of Champlin that approval of project WM2018-003 is granted subject to the following conditions:

- 1. Revise grading plan to show backyard drainage to the 855.0 outlet with no depression.
- **2.** Label the emergency overflow.

Motion carried unanimously.

B. WM2018-005 Champlin Park High School Additions & Alterations, Brooklyn Park.* Construction of four building additions, an outdoor classroom, and supporting infrastructure (i.e., sanitary sewer, storm sewer, drainage facilities and walkways) on a 30.4-acre site located at 6025 109th Avenue North. Only 4.5 acres will be disturbed. Following development, the site will increase from 68.7 percent impervious to 70.7 percent impervious, an increase of 0.6 acres new/disturbed impervious is 1.1 acres). A complete project review application was received on July 27, 2018.

To comply with the Commission's water quality treatment requirement, the site must provide ponding designed to NURP standards with dead storage volume equal to or greater than the volume of runoff from a 2.5" storm event, or BMPs providing a similar level of treatment - 80-85% TSS removal and 50-60% TP removal. Infiltrating 1.3-inches of runoff, for example, is considered sufficient to provide a similar level of treatment. If a sump is used the MnDOT Road Sand particle size distribution is acceptable for 80% capture.

Runoff from 1.9 acres of the site (a portion of the parking lot) is proposed to be routed to an infiltration basin and then discharged to an existing pond. The two inlets to the infiltration basin contain stormwater pretreatment devices. The remaining 28.5 acres of the site will be routed directly to the pond. The applicant meets Commission water quality treatment requirements.

Commission rules require that site runoff is limited to predevelopment rates for the 2-, 10-, and 100-year storm events. Runoff from the site discharges to an existing pond in the northeast corner of the school district property. Rate control will be accomplished through the construction of an infiltration area on the northeast corner of the high school parking lot. The applicant meets the Commission's rate control requirements.

Commission rules require the site to infiltrate 1.0" of runoff from new impervious area within 48 hours. The new and/or disturbed impervious area on this site is 1.1 acres, requiring infiltration of 4,106 CF within



48 hours. The applicant proposes to construct an infiltration basin that has the capacity to infiltrate the required volume within 48 hours, meeting Commission volume control requirements.

The NWI does not identify any wetlands on site and there are no Public Waters on the site. There is no floodplain on this site. The low floor elevations of the buildings are at least two feet higher than the high-water elevation of the proposed infiltration basin according to Atlas 14 precipitation, meeting Commission requirements.

An erosion control plan was submitted with the project review and includes silt fence around disturbed areas and sediment control logs in the proposed infiltration basin. Native seed is not specified on pond slopes due to high pedestrian traffic in the area. The erosion control plan meets Commission requirements.

This project does not require a public hearing and was approved through public referendum and is described on the Anoka Hennepin School District website, meeting Commission public notice requirements.

A draft Operations & Maintenance (O&M) agreement between the applicant and the City of Brooklyn Park will be provided "as soon as possible."

Motion by Chesney, second by Johnson to advise the City of Brooklyn Park that approval of project WM2018-005 is granted subject to receipt of a complete O&M agreement between the applicant and the City for all stormwater facilities on the project site. *Motion carried unanimously*.

C. SC2018-010 Waterwalk, Plymouth.* Construction of two four-story (75-unit and 78-unit) buildings that will serve as corporate lodging and associated parking and drive areas on 6.55 acres located at the intersection of Nathan Lane North and 59th Avenue North, MN (approximately 5900 Nathan Lane North. Only 3.67 acres of the 6.55-acre site will be disturbed. Following development, the site will be 38 percent impervious with 2.48 acres of impervious surface, an increase of 2.48 acres. A complete project review application was received on July 9, 2018.

To comply with the Commission's water quality treatment requirement, the site must provide ponding designed to NURP standards with dead storage volume equal to or greater than the volume of runoff from a 2.5" storm event, or BMPs providing a similar level of treatment - 80-85% TSS removal and 50-60% TP removal. Infiltrating 1.3-inches of runoff, for example, is considered sufficient to provide a similar level of treatment.

Runoff from the site is proposed to be routed to storm sewer associated with 59th Avenue North and then to the regional pond on the east end of the site. This pond was designed to meet Commission water quality treatment requirements in 1990 as part of the Bass Creek Business Park Development (SC1990-010). The applicant meets Commission water quality treatment requirements.

Commission rules require that site runoff is limited to predevelopment rates for the 2-, 10-, and 100-year storm events. Runoff from the site is proposed to be routed to storm sewer associated with 59th Avenue North and then to the regional pond on the east end of the site. This pond was designed to meet Commission rate control requirements as part of project SC1990-010. The applicant meets Commission rate control requirements.

Commission rules require the site to infiltrate 1.0" of runoff from new impervious area within 48 hours. The new impervious area on this site is 2.48 acres, requiring infiltration of 0.21 acre-feet within 48 hours. The applicant proposes that the site include a bioswale containing 12 inches of iron-enhanced sand, three catch basin manholes with slotted barrels, and 5% organic content for all soil onsite. The applicant meets Commission volume control requirements.

The National Wetlands Inventory identifies 0.39 acres of probable wetland and 0.19 acres of potential wetland on the eastern portion of this site. However, Plymouth is the LGU for WCA administration and Derek Asche, Water Resources Manager for the City of Plymouth, stated that this pond was constructed in the 1990s in an upland area and is not a jurisdictional wetland. Further, this area of the site will not be disturbed. Therefore, the applicant meets Commission wetland requirements.

One Public Water Wetland is identified in the eastern portion of the site. This Public Water will not be disturbed as a result of this project and, therefore, the applicant meets Commission Public Waters requirements.



There is FEMA 100-year floodplain on the eastern portion of this site. However, the low floor elevations of the buildings (917.00 for Building #1 and 905.67 for Building #2) are at least two feet higher than the FEMA 100-year flood elevation of 892 feet (in fact, over 10 feet higher), meeting Commission requirements.

An erosion control plan was submitted with the project review and includes a rock construction entrance, perimeter silt fence, inlet protection, and erosion control blanket. The erosion control plan meets Commission requirements.

A public hearing on the project is not required. The applicant meets Commission public notice requirements.

A draft Operations & Maintenance (O&M) agreement between the applicant and the City of Plymouth was provided.

Motion by Jaeger, second by G. Anderson to advise the City of Plymouth that approval of SC2018-010 is granted pending receipt of a complete O&M agreement between the applicant and the City for all stormwater facilities on the project site. *Motion carried unanimously.*

VIII. Watershed Management Plan.

At last month's meeting the Commission approved Staff's recommendation to table consideration of **Minneapolis' Water Resource Management Plan** pending further discussion with City staff. Omitted from last month's meeting packet was a copy of Metropolitan Council's comments* on Minneapolis' plan. It is included in this month's packet. Minneapolis extended the plan approval date to September 20, 2018.

IX. Water Quality.

Matthiesen gave the following presentational updates:

- A. Bass and Pomerleau Lakes Internal Load Reduction Project and what an alum treatment looks like.
- B. Phosphorus and E.coli removal effectiveness of the Biochar/Iron Sand Bacteria Filters Project.
- **C. 2018 Lake Monitoring** preliminary observations.

X. Education and Public Outreach.

The **next West Metro Water Alliance (WMWA) meeting** will be convened at 8:30 a.m., Tuesday, August 14, 2018 at Plymouth City Hall.

XI. Grant Opportunities and Updates.

- **A. FEMA Flood Modeling.** The Shingle Creek proposed workplan is being approved by the DNR. The DNR will do the land surveying work associated with the project, probably early next year.
- **B.** Twin Lake Carp. Preliminary observations were included in the 2018 Lake Monitoring presentation. Palmer Lake appears to be a carp nursery and high densities of carp still exist in Twin Lakes. Carp will be removed from Ryan Creek during the spring migration. The fish barriers have been approved by DNR and construction will begin soon. The Commission has received approval from the land owner to install the aerator cabinet on his property and install an additional power source. Construction will take place this fall.
- **C. Biochar/Iron Sand Bacteria Filters Project.** Matthiesen's presentation noted that Iron-biochar-sand mix is proving to be effective in phosphorus and *E.coli* removal. For all sites, removal efficiency increased with the increase of inflow concentration of *E.coli*, i.e., *E.coli* concentration is not a limiting factor and it hasn't reached the removal capacity of biochar applied. Findings included:
- **1.** Utility box has pea rocks on top of slotted PVC and pond retrofit has socked PVC directly buried in the media, socked PVC has been causing clogging and pipe floatation. Use of pea rocks is recommended.
 - 2. The Champlin pond bench was designed to have standing water at all times and the Crystal



pond bench was dry half of the season. Crystal average TP removal is higher than Champlin. Inundation at all times is not ideal for TP removal by iron filings.

- **3.** Raking the top of the sand filter and breaking iron bounds will significantly increase water flow through the filter and improve TP removal efficiency.
- **D. Becker Park.** Plans have been completed to the 90% level, with a final design review meeting scheduled for August. Bidding will occur this fall. A Shingle Creek project review is expected at the September meeting.
- **E. Minneapolis Subwatershed Assessment.** Hydrologic modeling is being completed to confirm the most at-risk areas for flooding and water quality issues.
- **F.** Bass and Pomerleau Lakes Internal Load Reduction Project. Included in the meeting packet were the Aquatic Vegetation Management Plans* for the two lakes along with the DNR's response to the Cooperator LVMP Request & Lake Data Summary for Lake-wide Management of Invasive Aquatic Plants* for each lake.
- **1.** Motion by G. Anderson, second by Wills to approve the Aquatic Vegetation Management Plans. Motion carried unanimously.
- 2. Motion by G. Anderson, second by Orred to approve the Bass and Pomerleau Lakes Alum Dosing and Cost Estimates.* Motion carried unanimously.
- **3.** Notice* of the **neighborhood information meeting** for the alum dosing treatment was included in the packet as well. The meeting is scheduled for August 15, 2018. The City Council will consider this project at their August 28 meeting.
- **G. Watershed-based Pilot Funding.*** The next stakeholder input opportunity will be focus group meetings with each local government type (e.g., watershed districts, WMOs, SWCDs, counties, cities/townships). The first Watershed Management Organization (WMO) focus group meeting will be held on Thursday, September 13, 2018 from 9:00 am 12:00 pm at the Capitol Region Watershed District office, 1410 Energy Park Drive, Suite 4, St. Paul. RSVPs to Marcey Westrick at <u>Marcey.westrick@state.mn.us</u> are requested by August 31.

The objective of the focus group meetings is to receive additional input about watershed-based funding from each local government type and develop potential approaches to bring to a larger forum meeting. At the focus group meetings, participants from each local government type will be asked to select 2-3 people to participate in the forum meetings.

XII. Communications.

- **A. July Communications Log.*** No items required action.
- **B.** Discussion continued regarding the Commissions' **meeting site**. Orred volunteered to follow-up with the City of Crystal and Milton's.
- **XIII. Adjournment.** There being no further business before the Commissions, the meetings were adjourned at 2:18 p.m.

Respectfully submitted,

Judie A. Anderson Recording Secretary

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