



March 25, 2020

Bois de Sioux Watershed District Board of Managers  
704 Hwy 75 South  
Wheaton, MN 56296

Dear Board of Managers:

The Minnesota Board of Water and Soil Resources (BWSR) is pleased to inform you it approved the Bois de Sioux Watershed District's (District) Overall Plan Amendment at its regular meetings held on March 25, 2020. Attached is the signed Findings of Fact, Conclusion, and Order that documents approval of the plan amendment and indicates it meets all relevant requirements of law and rule.

The plan amendment enables the District to establish water management districts to provide additional funding options, as well as, to create a specific water management district for the Lake Traverse Water Quality Improvement Project No. 1 pursuant to Minn. Stat. 103D.729.

The District is to be commended for developing the Lake Traverse Water Quality Improvement Project and ensuring the local public support for the Project, as per the testimony heard during the January 16, 2020 public hearing conducted by BWSR and appreciative applause at the close of the hearing in Wheaton. The Board looks forward to working with you as you implement the plan and document its outcomes.

Sincerely,

A handwritten signature in blue ink that reads 'Gerald Van Amburg'.

Gerald Van Amburg, Chair  
Minnesota Board of Water and Soil Resources

Enclosures

CC: Jamie Beyer, Bois de Sioux Watershed District (via email)  
Lukas W. Croaker, Ohnstad Twichell (via email)  
Kit Johnson, Traverse County Auditor (via email)  
Sara Gronfeld, Traverse County Soil and Water Conservation District Manager (via email)  
Sara Strommen, DNR Commissioner (via email)  
Nathan Kestner, DNR-Division of Ecological and Water Resources (via email)  
Emily Javens, Minnesota Association of Watershed Districts (via email)  
Ryan Hughes, BWSR (via email)  
Pete Waller, BWSR (via email)

## BOARD ORDER

### Amendment of the Bois de Sioux Watershed District Watershed Management Plan

#### PURPOSE

Approve an amendment to the Bois de Sioux Watershed District Watershed Management Plan pursuant to Minnesota Statutes Sections 103D.411 and 103D.729.

#### RECITALS /FINDINGS OF FACT

1. The Bois de Sioux Watershed District (District) filed a petition for an amendment to the Watershed Management Plan (Plan) dated, August 2, 2019, with the Board of Water and Soil Resources (Board). A subsequent revised amendment (Amendment) was received on October 16, 2019 (Exhibit 1).
2. A watershed district is required to revise their watershed management plan at least once every ten years pursuant to Minnesota Statutes Section 103D.405, Subd. 1 (a). The current Plan was approved by the Board in May 2003. On September 26, 2012, the Plan was extended to April 2017 to allow synchronization of the Mustinka and Bois de Sioux Rivers Watershed Restoration and Protection Strategies report processes. On January 13, 2017, the Plan was extended to December 31, 2020 in order to transition to comprehensive watershed management plans through the One Watershed, One Plan program. However, the current extended Plan does not include the establishment of water management districts.
3. The purpose of the Amendment is to enable the District the ability to establish water management districts to provide additional funding options, as well as, to create a specific water management district for the Lake Traverse Water Quality Improvement Project No. 1 pursuant to Minn. Stat. §103D.729. The Amendment (Exhibit 1) profiles the establishment of a water management district that would provide a funding mechanism to assist in the implementation of the Lake Traverse Water Quality Improvement Project No. 1. As proposed, the water management district will fund a portion of the project and additional funding will also be pursued.
4. The petition for the Amendment to the Plan is valid in accordance with Minn. Stat. §§ 103D.411 and 103D.729.
5. Legal notice of the public hearing on the petition, pursuant to Minn. Stat. §103D.411, was published in the Wheaton Gazette (Exhibit 5) and the Northern Star (Exhibit 6). Further, a copy of the hearing notice was mailed to several addressees notifying them of the public hearing (Exhibit 4). No written comments were received during the notice period.
6. A public hearing was held for the Amendment on January 16, 2020 at 2:30 PM, at the American Legion, 303 5th Street North in Wheaton, Minnesota. The proceedings were recorded. The hearing panel consisted of the following Northern Regional Committee (Committee) Board members: Neil Peterson, Gerald Van Amburg, Tom Schultz, Jeff Berg, Theresa Ebbenga, Nicole Blasing and Rich Sve. Board staff in attendance were Ryan Hughes and Pete Waller. Ryan Hughes entered Exhibit 1 through Exhibit 7 into the record. No written comments were provided from interested parties at the hearing. Oral comments were heard by the Committee and recorded. The following list of exhibits comprises the hearing record:

Exhibit 1. Amendment to Watershed Management Plan Petition for the Bois de Sioux Watershed District, dated August 2, 2019. A subsequent revised amendment was received on October 16, 2019.

Exhibit 2. December 18, 2019 Board of Water and Soil Resources' Order for public hearing to be held on the amendment to watershed management plan petition for the Bois de Sioux Watershed District.

Exhibit 3. Email dated October 28, 2019 from Ryan Hughes, Board of Water and Soil Resources, to the Board of Water and Soil Resources' Northern Regional Committee on the petition, hearing date and location.

Exhibit 4. Memorandum dated December 23, 2019 from Annie Felix-Gerth, Board of Water and Soil Resources to several addressees providing notice of the public hearing including legal notice, and list of addresses.

Exhibit 5. Affidavit of Publication dated December 31, 2019, of Legal Notice in the Wheaton Gazette on December 24, 2019 and December 31, 2019.

Exhibit 6. Affidavit of Publication dated August 26, 2019, of Legal Notice in the Northern Star on December 26, 2019 and January 2, 2020.

Exhibit 7. Committee meeting packet dated January 10, 2020 from Ryan Hughes, Board of Water and Soil Resources, to the Board of Water and Soil Resources' Northern Regional Committee on the petition, hearing date, location and supporting documentation (Exhibits 1, 2, 4).

Exhibit 8. Public Hearing Speaker List dated January 16, 2020.

Exhibit 9. Public Hearing Mailing List dated January 16, 2020.

7. Staff participated with the District and their consultant through the amendment process, providing guidance, comments and recommendations. The Amendment will be inserted in the plan under "Part V Projects." The final proposed Amendment conforms to the requirements of Minnesota Statute 103D.411. Therefore, staff recommends approval of the proposed amendment.
8. The Northern Regional Committee deliberated on January 16, 2020, following the close of the public hearing, at the American Legion, 303 5th St N, Wheaton, Minnesota. Based on the public hearing record, the proposed Amendment meets the requirements of Minn. Stat. §§103D.411 and 103D.729, and staff recommends approving the Amendment. After discussion and based on the entire record, the Committee unanimously recommended approval of the Bois de Sioux Watershed Plan Amendment.
9. All relevant, substantive and procedural requirements of law and rule have been fulfilled.
10. The Board has proper jurisdiction in the matter of approving an amendment of a watershed management plan.
11. The attached Amendment to the Plan as proposed in the petition would be for the public welfare and public interest and the purpose of Minn. Stat. Chapter 103D would be served.

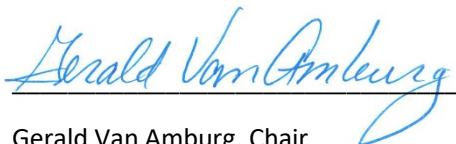
#### **ORDER**

The Board hereby:

1. Approves the attached Plan Amendment received on October 16, 2019, as a formal amendment to the 2003 watershed management plan for the Bois de Sioux Watershed District.

Dated at St. Paul, Minnesota, this 25th day of March 2020.

#### **MINNESOTA BOARD OF WATER AND SOIL RESOURCES**

  
Gerald Van Amburg, Chair

Board of Water and Soil Resources

Date: March 25, 2020



Manfred R. Ohnstad 1914 - 1987  
Bradley J. Burgum 1952 - 2010  
Daniel R. Twichell 1927 - 2013  
Brian D. Neugebauer 1951 - 2014

August 2, 2019

Lukas D. Andrud\*  
Katie J. Bertsch\*  
Brent T. Boeddeker\*  
Cailley B. Campbell\*  
Andrew D. Cook\*  
Lukas W. Croaker\*  
Susan L. Ellison\*  
Sean M. Fredricks\*  
Jacob L. Geiermann\*  
Alexander B. Gruchala\*  
Stephen R. Hanson II\*  
Robert G. Hoy\*  
John A. Juelson  
Keven J. Kercher\*  
Tyler J. Leverington\*  
Delvin J. Losing\*  
Marshall W. McCullough\*  
Christopher M. McShane\*  
Elle M. Molbert\*  
Robert E. Rosenvold\*\*  
John T. Shockley\*  
Michel W. Stefanowicz  
Jeffrey R. Strom  
David L. Wanner  
Sarah M. Wear\*

Minnesota Board of Water and Soil Resources  
Attn: Travis Germundson  
520 Lafayette Rd N  
St. Paul, MN 55155

Re: Petition to MN Board of Water and Soil Resources

Mr. Germundson:

On behalf of the Bois de Sioux Watershed District ("BdSWD"), please find the Petition to the Minnesota Board of Water and Soil Resources ("BWSR") for review and approval of an Amendment to the BdSWD Watershed Management Plan pursuant to Minn. Stat. §§ 103D.411 and 103D.729.

In summary, the amendment allows the BdSWD to create water management districts to provide an additional funding option for the BdSWD. In addition, the amendment creates the Lake Traverse Water Management District. The BdSWD respectfully requests BWSR's review and approval of the amendment pursuant to Minn. Stat. §103D.411. The BdSWD also requests notice of the hearing on the proposed amendment.

Enclosed please find the Petition Creating Water Management Districts and Engineer's Report for Lake Traverse Water Quality Improvement Project No. 1. If you have any questions or would like to discuss this matter further, please contact me.

Sincerely,

OHNSTAD TWICHELL, P.C.

Lukas Croaker, BdSWD Attorney

LWC:cms  
Encl.

**STATE OF MINNESOTA**  
*Before the*  
**BOIS DE SIOUX WATERSHED DISTRICT**

**In the Matter of the Bois de Sioux Watershed District's Establishment of Lake Traverse Water Quality Improvement Project No. 1**

**Petition to MN Board of Water and Soil Resources for Amendment to Watershed Management Plan Pursuant to Minn. Stat. §§ 103D.411 and 103D.729**

The Board of Managers of the Bois de Sioux Watershed District (the "District"), at its regular meeting on Thursday, July 18, 2019, considered the attached proposed amendment (the "Amendment") to the District's Watershed Management Plan to support the establishment of Lake Traverse Water Quality Improvement Project No. 1 (the "Project"). Based on review of the Amendment and the Project proceedings, Manager Ward moved, seconded by Manager Schmidt to adopt the following Findings and Petition for approval of the Amendment of the District's Watershed Management Plan:

**FINDINGS**

1. On January 17, 2019, the District held a preliminary resolution hearing, pursuant to Minn. Stat. § 103D.601, on the preliminary resolution to consider the status of constructing a water quality enhancement project in the area where Traverse County Ditch No. 52 outlets into Lake Traverse, Traverse County, Minnesota, at their regular meeting held in Wheaton, Minnesota.
2. The Project is planned to be constructed in phases due to the scale of the Project. Phase No. 1 of the Project includes a new channel design grade, side slopes altered to a more stable 3:1 grade, and rock riffles to provide channel protection, aquatic habitat, and fish passage for the outlet reach of the Traverse County Ditch No. 52 downstream of MN Highway 27. Subsequent phases will focus on stabilizing the channel upstream of Phase No. 1, including the portion of the channel from the West watershed that runs along MN Highway 27 and Traverse County Ditch No. 52 in Sections 23 and 24 of Windsor Township.
3. After reviewing the District Engineer's preliminary report and hearing public comment on the Project, the Managers determined that the Project promotes the public interest and welfare and is practicable and in conformity with the District's Watershed Management Plan.
4. At the January 17, 2019, meeting, the Managers adopted the FINAL RESOLUTION CREATING LAKE TRAVERSE WATER QUALITY PROJECT NO. 1, attached as Exhibit A. The Managers also directed the District Engineer to prepare surveys, maps, and an engineering report on the Project pursuant to Minn. Stat. § 103D.711.

5. As directed, the District Engineer prepared an engineering report, which is on file in the District's office, describing the feasibility of the Project and estimate of the cost of the Project. The engineering report was subsequently filed with the MN Department of Natural Resources and the MN Board of Water and Soil Resources.
6. In order to provide an additional funding source for the Project, the District desires to establish a water management district. The purpose of the Amendment is to allow the District to establish water management districts, the Lake Traverse Water Management District, and water management district charges which will provide additional funding for the Project.
7. The District believes that establishment of the Lake Traverse Water Management District and development of water management district charges are appropriate steps to ensure successful establishment and implementation of the Project.
8. The District Engineer and District Attorney developed the Amendment to the District's Watershed Management Plan, attached as Exhibit B, to provide for the establishment of water management districts, the Lake Traverse Water Management District, and water management district charges to support the Project.
9. On July 18, 2019, the District approved the Amendment and petitions the MN Board of Water and Soil Resources for a watershed management plan amendment as contained herein.

Based on the foregoing Findings, the Board of Managers of the Bois de Sioux Watershed District petitions as follows:

#### **PETITION**

1. Pursuant to Minn. Stat. §§ 103D.411 and 103D.729, the Managers petition the MN Board of Water and Soil Resources to approve the Amendment to the District's Watershed Management Plan.
2. The District authorizes its Administrator to submit this petition and the Amendment to the MN Board of Water and Soil Resources for action pursuant to Minn. Stat. § 103D.411.

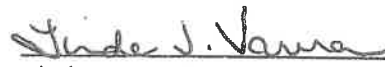
After discussion, the President called the question. The question was on the adoption of the foregoing Findings and Petition and there were 9 yeas, and 0 nays as follows:

| Manager         | Yea                                 | Nay                      | Absent                   | Abstain                  |
|-----------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Linda Vavra     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Allen Wold      | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Scott Gillespie | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Jason Beyer     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Doug Dahlen     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Jerome Deal     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| John Kappahn    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Steven Schmidt  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ben Brutlag     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Upon vote, the President declared the motion passed.

**BOIS DE SIOUX  
WATERSHED DISTRICT**

Date: 7-30-, 2019

  
Linda Vavra, President

*Attest:*

Date: July 30, 2019

  
Jamie Beyer, Administrator

**Exhibit A**  
FINAL RESOLUTION CREATING  
LAKE TRAVERSE WATER QUALITY PROJECT NO. 1



Manager WOLD introduced the following resolution and moved its adoption:

**FINAL RESOLUTION CREATING  
LAKE TRAVERSE WATER QUALITY PROJECT No. 1**

**WHEREAS**, the Bois de Sioux Watershed District (the "District") held a preliminary resolution hearing to consider the status of constructing a water quality enhancement project in the area where Traverse County Ditch No. 52 outlets into Lake Traverse, Traverse County, Minnesota, at their regular meeting held in Wheaton, Minnesota, on January 17, 2019; and

**WHEREAS**, the Managers of the District directed the District Engineer to prepare a preliminary report advising the Managers whether the proposed project is feasible and estimating the cost of the project; and

**WHEREAS**, the District provided notice of the preliminary resolution hearing informing persons interested in the proceedings that they may speak and be heard on the proposed project; and

**WHEREAS**, after reviewing the Engineer's preliminary report and hearing public comment on the proposed project, the Managers determined that the proposed project promotes the public interest and welfare and is practicable and in conformity with the watershed management plan of the District.

**NOW THEREFORE, BE IT RESOLVED**, that the Managers of the Bois de Sioux Watershed District adopt this Final Resolution creating Lake Traverse Water Quality Project No. 1.

**BE IT FURTHER RESOLVED** that the proceedings to establish Lake Traverse Water Quality Project No. 1 will continue as provided under Minnesota Statutes Chapter 103D.

**BE IT FURTHER RESOLVED** that the Managers direct the District Engineer to prepare surveys, maps, and a report on the proposed project pursuant to Minn. Stat. § 103D.711. Upon filing of the Engineer's report with the Managers, the District shall send copies of the Engineer's report to the Director of the MN Department of Natural Resources and the Board of Water and Soil Resources for their respective review.

**BOIS DE SIOUX  
WATERSHED DISTRICT**

Date: JAN. 17., 2019

Linda J. Vavra  
Linda Vavra, President

Attest:

Date: JAN. 17, 2019

Jamie Beyer  
Jamie Beyer, Administrator

The motion for the adoption of the foregoing Resolution was duly seconded by Manager DAHLEN. On roll call vote the following managers voted aye: ALL PRESENT. The motion carried unanimously, and the Resolution was duly adopted.

Date Approved: JAN. 17, 2019

**EXHIBIT B**  
AMENDMENT TO THE  
BOIS DE SIOUX WATERSHED MANAGEMENT PLAN

AMENDMENT  
TO  
BOIS DE SIOUX WATERSHED DISTRICT OVERALL PLAN  
(May 2003)

PART V. PROJECTS

G. WATER MANAGEMENT DISTRICTS

1. ESTABLISHMENT OF WATER MANAGEMENT DISTRICTS UNDER  
MINN. STAT. § 103D.729

- (a) **Overview.** The Bois de Sioux Watershed District (the “BdSWD”) may establish one (1) or more water management districts (WMD) in the territory within the watershed, for the purpose of collecting revenues and paying the costs of projects initiated under Minn. Stats. §§ 103B.231, 103D.601, 103D.605, 103D.611, or 103D.730. The BdSWD may establish WMDs by amending its Overall Plan, dated May 2003. Before the BdSWD may use this funding method, Minn. Stat. § 103D.729 requires that the watershed district describe the area to be included in the WMD, provide the amount to be charged, describe the method(s) used to determine the charges, and specify the length of time the WMD is expected to remain in force.
- (b) **Procedure to Create Water Management Districts.** The Board of Water and Soil Resources (BWSR) has provided draft guidance as to the procedure to create a WMD. This process involves eight (8) steps. The first two (2) steps are addressed through the revision of the Watershed Management Plan. The remaining steps must be completed prior to the watershed district collecting funds for the WMD. The following procedure is used to create a WMD:
- (1) Amend the watershed district plan to create a water management district. The amendment must include the following:
- Description of the area to be included in the water management district;
  - The amount of funds to be raised by charging the water management district (total amount is necessary if fixed time for the water management district to be effective, otherwise annual maximum amount);
  - The method that will be used to determine the charges; and
  - The length of time the water management district will be in force – in perpetuity is acceptable.

- (2) Approval of the plan amendment under Minn. Stat. § 103D.411 or as part of a revised plan under Minn. Stat. § 103D.405. The procedure for the amendment is as follows:
  - Revised plan or petition and amendment is sent to BWSR;
  - BWSR gives legal notice and holds a hearing, if requested;
  - BWSR orders approval or prescribes plan or amendment; and
  - BWSR notifies BdSWD Managers, counties, cities, and SWCDs.
- (3) Watershed district refines methodology for computing charges.
- (4) Watershed district determines and sets charges for all properties within the water management district after identifying the scope of the project and determines method(s) for funding the project.
- (5) Watershed district develops collection method. This collection method may be done by the county, private vendor, or by the watershed district.
- (6) Watershed district holds a hearing, orders the establishment of a project in the water management district, and initiates the charges.
  - Projects implemented must be ordered by the managers;
  - Order for the project must specify funding method(s); and
  - Watershed district must notify counties, cities, and towns within the affected area at least ten (10) days prior to a hearing or decision on projects implemented in accordance with Minn. Stat. § 103D.601.
- (7) Watershed district establishes a separate fund for proceeds collected from the method of charging.
- (8) Any disputes may be resolved by BWSR at the request of local government units pursuant to Minn. Stat. § 103B.101, Subd. 10.

## 2. APPEAL PROCEDURE FOR WATER MANAGEMENT DISTRICT CHARGES

- (a) **Purpose.** The purpose of this section is to allow owners of land in a WMD the opportunity to dispute the charges to be collected for their land in the WMD. This section does not apply to the validity of a WMD already established.
- (b) **Petition.** A petition may be made by an owner of land in a WMD appealing the charges being collected for their land in the WMD. A petition must be made in writing delivered to the BdSWD office. The petition must state the

name of the petitioner, address of the petitioner, parcel in question, and the reasons the WMD charges are calculated improperly for their respective parcel(s).

(c) **Petition Review Process.**

- (1) Within ten (10) days of receiving a petition, the BdSWD's staff, including its attorney or engineer, will respond in writing to the petitioner acknowledging receipt of the petition.
- (2) Staff will then complete an assessment of the petitioner's reasons the WMD charges are calculated improperly. Staff may request additional information, request meetings with the petitioner, conduct onsite investigations of the parcel(s) in question, and such other fact finding as staff deems necessary to evaluate and make a determination on the petition.
- (3) Upon completion of the assessment, staff will provide the petitioner the assessment and notification of a meeting with the BdSWD Managers to discuss the assessment and the petition. Notice under this section will be provided in writing at least ten (10) days before the meeting.

(d) **Decision.**

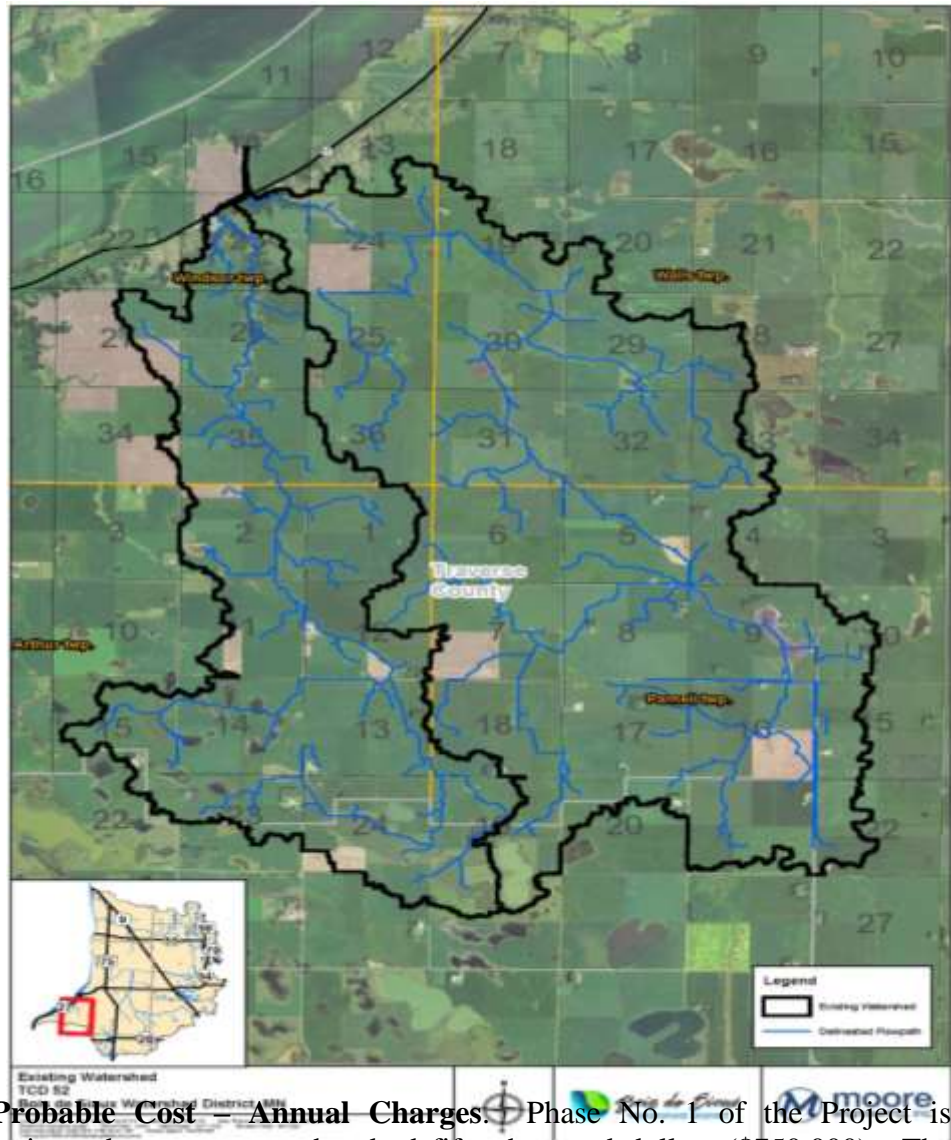
- (1) The BdSWD Managers will meet with the petitioner to discuss the results of staff's assessment and to hear testimony from the petitioner, or petitioner's attorney; the petitioner will be permitted to submit evidence to the BdSWD refuting staff's assessment. The petitioner will not be permitted to call on witnesses and the public will not be permitted to present testimony as this will not be considered a public hearing.
- (2) Upon receipt of any evidence and testimony from the petitioner and staff, the BdSWD Managers will then:
  - i. Advise staff to conduct additional fact finding it considers necessary and report back to the BdSWD Managers;
  - ii. Direct staff to attempt to resolve the matter and advise the BdSWD Managers further; or
  - iii. Issue a decision on the assessment and the petition.

- (3) The BdSWD Managers will make a decision on staff's assessment and the petition based on the evidence and testimony provided at the meeting and staff's findings and recommendation. The BdSWD Managers may approve, conditionally approve, or reject staff's assessment and the petition at the meeting or request additional information from the petitioner.
- (4) Upon making its decision, the BdSWD will provide written notice of its decision to the petitioner, or their attorney, within five (5) days of the decision.
- (e) **Appeal.** If the BdSWD Managers deny the petitioners request to recalculate charges, the petitioner may appeal the decision to BWSR or district court within thirty (30) days of the BdSWD Managers' decision.
- (f) **Limitations.** A petition may not be filed more than once in a five (5) year time period for a specific parcel unless significant land alterations or land use changes have occurred since the charges were calculated or since a previous petition was filed with the BdSWD.
- (g) **Withdrawal of Petition.** If an agreement is reached between the BdSWD and the petitioner, the petitioner may withdraw their petition and the BdSWD may revise the charges if needed.

### 3. LAKE TRAVERSE WATER MANAGEMENT DISTRICT

- (a) **Purpose.** The purpose of this amendment is to allow the BdSWD to create a WMD to provide an additional funding option for the Lake Traverse Water Quality Improvement Project (the "Project").
- (b) **Lake Traverse Water Management District Overview.** The BdSWD hereby establishes the Lake Traverse Water Management District (Lake Traverse WMD) to provide an additional funding option for the Project. The Project is planned to be constructed in phases due to the scale of the Project. Phase No. 1 of the Project includes a new channel design grade, side slopes altered to a more stable 3:1 grade, and rock riffles to provide channel protection, aquatic habitat, and fish passage for the outlet reach of the Traverse County Ditch No. 52 downstream of MN Highway 27. Subsequent phases will focus on stabilizing the channel upstream of Phase No. 1, including the portion of the channel from the West watershed that runs along MN Highway 27 and Traverse County Ditch No. 52 in Sections 23 and 24 of Windsor Township.
- (c) **Lake Traverse WMD Area.** The area to be included in the Lake Traverse WMD is any area that lies within the watershed of the Project. The figure below provides an illustration of the watershed area of the Lake

Traverse WMD. In instances where the watershed boundary crosses portions of a parcel, only the area of the parcel that lies within the watershed will be included within the Lake Traverse WMD.



- (d) **Probable Cost – Annual Charges.** Phase No. 1 of the Project is estimated to cost seven hundred fifty thousand dollars (\$750,000). The maximum assessment for the Lake Traverse WMD will be capped at seventy five thousand dollars (\$75,000) annually. The Lake Traverse WMD will be the primary funding source for the Project. Additional funding sources have been pursued and will continue to be pursued as the opportunity arises.
- (e) **Method to Determine Charges.** Multiple methods were considered in the process of calculating assessments for the Lake Traverse WMD. The assessment methods are further described as follows:



- (1) Simple Distribution of Cost: the total project cost equally distributed on a per acre basis to all parcels within the Lake Traverse WMD.
- (2) Distribution of Costs Based on Size of Contributing Watershed: the Lake Traverse WMD is separated into two (2) distinct watersheds, the Traverse County Ditch No. 52 watershed and West watershed, which meet together and utilize a common outlet into Lake Traverse. A method was proposed that distributes project cost to each watershed based on percentage of total contributing area. Each parcel in the two (2) watersheds is evenly assessed on a per acre basis.
- (3) Distribution of Costs Based on Sediment Loading: the assessments are based on the amount of sediment a parcel contributes to Lake Traverse.
- (4) Distribution of Costs Based on Runoff Volume: the assessments are based on the volume of runoff on a per acre basis that a parcel contributes to the outlet. The erosion and channel degradation experienced in the watershed has been exacerbated through the addition of man-made channels that allow previously non-contributing areas to discharge into Traverse County Ditch No. 52. This discharge accelerated the rate of erosion of Traverse County Ditch No. 52.
- (5) Lake Traverse WMD Method: a combination of methods 1, 2, and 4 were utilized in calculating assessments for the Lake Traverse WMD. Method 3 was not utilized as the purpose of the Project is to mitigate erosion, not sedimentation. The Lake Traverse WMD is further described as follows:

The distribution of charges is based on estimated runoff volume for the 10-year 24-hour rainfall event using depth from Atlas 14. Runoff is calculated utilizing SSURGO Soils and Land use data from the National Land Cover Database. Land use types are consolidated into four (4) categories including Developed, Cultivated Crops, Natural Areas (excluding wetlands/open water), and Wetlands/Open Water. Each of these land use types are assigned curve numbers based on the hydrologic soil group (A, B, C, D, A/D, B/D, or C/D). The table below shows the selected curve numbers for each combination of land use and hydrologic soil group.

*Table 1 Curve Numbers by land use and hydrologic soil group data*

| Land Cover Type                               | Hydrologic Soil Group |    |    |    |      |      |      |
|---|-----------------------|----|----|----|------|------|------|
|   | A                     | B  | C  | D  | A/D  | B/D  | C/D  |
| Developed                                     | 59                    | 70 | 80 | 85 | 69.5 | 77.5 | 82.5 |
| Cultivated crops                              | 64                    | 74 | 81 | 85 | 74.5 | 79.5 | 83   |
| Natural Areas (excluding wetlands/open water) | 39                    | 61 | 74 | 80 | 59.5 | 70.5 | 77   |
| Wetlands/open water                           | 98                    | 98 | 98 | 98 | 98   | 98   | 98   |

The Traverse County Ditch No. 52 watershed and West watershed were analyzed separately for contribution of flow to the shared outlet. When parcels contribute to both the Traverse County Ditch No. 52 watershed and West watershed, the parcel is split accordingly. Non-contributing areas were identified within each watershed for both the 10 and 100-year events. Areas that do not contribute during a 100-year event were removed from the assessment pool, while areas that do not contribute during a 10-year event were included at half of the rate of areas that contribute for events smaller than the 10-year event. Based on the selected curve number, an average runoff depth per parcel is calculated. This calculation is used with the parcel area (with noncontributing areas taken into account) to get total runoff generated by each parcel in acre-feet. A reduction factor is applied to account for the estimated cost difference between the Traverse County Ditch No. 52 watershed and West watershed project costs, as well as a reduction based on the portion of the total area of each watershed. Parcel runoff volume with the reduction factors applied is then divided by the total sum of all runoff to get the percentage of the total distributed cost assigned to that parcel. In instances where a parcel contributes to both the Traverse County Ditch No. 52 watershed and West watershed, the cost assigned to the portion contributing to the West watershed is combined with the cost assigned to the portion contributing to the Traverse County Ditch No. 52 watershed.

- (f) **Duration of Lake Traverse Water Management District.** The Lake Traverse WMD will remain in existence in perpetuity. Annual assessment of charges may vary from no charges to the maximum amount of seventy five thousand dollars (\$75,000) per year. The calculation may be adjusted at the discretion of the BdSWD Board of Managers. After these phases are constructed, the funds will be used to maintain the Project.
- (g) **Use of Funds.** The primary use of the funds collected from charges within Lake Traverse WMD will support construction, implementation, operation, and maintenance of the Project.

| Parcel     |                  |    |     |    |                      |          |
|------------|------------------|----|-----|----|----------------------|----------|
| PIN        | Parcel Area (ac) | S  | T   | R  | Percent Contribution | 2 Digits |
| 01-0001000 | 80               | 1  | 125 | 48 | 0.16492%             | 16.49    |
| 01-0001001 | 40               | 1  | 125 | 48 | 0.18275%             | 18.27    |
| 01-0001002 | 39.8             | 1  | 125 | 48 | 0.03010%             | 3.01     |
| 01-0002000 | 159.4            | 1  | 125 | 48 | 0.09697%             | 9.7      |
| 01-0003000 | 160              | 1  | 125 | 48 | 0.55817%             | 55.82    |
| 01-0004000 | 160              | 1  | 125 | 48 | 0.09794%             | 9.79     |
| 01-0005000 | 159              | 2  | 125 | 48 | 0.09707%             | 9.71     |
| 01-0006000 | 158.6            | 2  | 125 | 48 | 0.08479%             | 8.48     |
| 01-0007000 | 160              | 2  | 125 | 48 | 0.09561%             | 9.56     |
| 01-0008000 | 160              | 2  | 125 | 48 | 0.09250%             | 9.25     |
| 01-0044000 | 160              | 11 | 125 | 48 | 0.09653%             | 9.65     |
| 01-0045000 | 160              | 11 | 125 | 48 | 0.02893%             | 2.89     |
| 01-0046000 | 160              | 11 | 125 | 48 | 0.09631%             | 9.63     |
| 01-0047000 | 80               | 11 | 125 | 48 | 0.03362%             | 3.36     |
| 01-0048000 | 80               | 11 | 125 | 48 | 0.00176%             | 0.18     |
| 01-0049000 | 160              | 12 | 125 | 48 | 1.13375%             | 113.38   |
| 01-0050000 | 40               | 12 | 125 | 48 | 0.02390%             | 2.39     |
| 01-0050001 | 120              | 12 | 125 | 48 | 0.08078%             | 8.08     |
| 01-0051000 | 160              | 12 | 125 | 48 | 0.14403%             | 14.4     |
| 01-0052000 | 120              | 12 | 125 | 48 | 0.07108%             | 7.11     |
| 01-0052001 | 1.8              | 12 | 125 | 48 | 0.00102%             | 0.1      |
| 01-0052002 | 38.2             | 12 | 125 | 48 | 0.02256%             | 2.26     |
| 01-0053000 | 160              | 13 | 125 | 48 | 0.17996%             | 18       |
| 01-0054000 | 160              | 13 | 125 | 48 | 0.10037%             | 10.04    |
| 01-0055000 | 160              | 13 | 125 | 48 | 0.10015%             | 10.01    |
| 01-0056000 | 8.62             | 13 | 125 | 48 | 0.00506%             | 0.51     |
| 01-0056001 | 151.38           | 13 | 125 | 48 | 0.09338%             | 9.34     |
| 01-0057000 | 160              | 14 | 125 | 48 | 0.10880%             | 10.88    |
| 01-0058000 | 160              | 14 | 125 | 48 | 0.09691%             | 9.69     |
| 01-0059000 | 160              | 14 | 125 | 48 | 0.10132%             | 10.13    |
| 01-0060000 | 160              | 14 | 125 | 48 | 0.09563%             | 9.56     |
| 01-0061000 | 160              | 15 | 125 | 48 | 0.08632%             | 8.63     |
| 01-0062000 | 80               | 15 | 125 | 48 | 0.01883%             | 1.88     |
| 01-0062001 | 80               | 15 | 125 | 48 | 0.00017%             | 0.02     |
| 01-0063000 | 160              | 15 | 125 | 48 | 0.04547%             | 4.55     |
| 01-0064000 | 161.73           | 15 | 125 | 48 | 0.03470%             | 3.47     |
| 01-0085000 | 70               | 22 | 125 | 48 | 0.00723%             | 0.72     |
| 01-0088001 | 170              | 22 | 125 | 48 | 0.00082%             | 0.08     |
| 01-0089000 | 11.63            | 23 | 125 | 48 | 0.00672%             | 0.67     |
| 01-0089001 | 148.37           | 23 | 125 | 48 | 0.09594%             | 9.59     |
| 01-0090000 | 148.9            | 23 | 125 | 48 | 0.04877%             | 4.88     |
| 01-0090001 | 11.1             | 23 | 125 | 48 | 0.00170%             | 0.17     |
| 01-0091000 | 160              | 23 | 125 | 48 | 0.02788%             | 2.79     |
| 01-0092000 | 143.16           | 23 | 125 | 48 | 0.00009%             | 0.01     |

| Parcel     |                  |    |     |    |                      |          |
|------------|------------------|----|-----|----|----------------------|----------|
| PIN        | Parcel Area (ac) | S  | T   | R  | Percent Contribution | 2 Digits |
| 01-0093000 | 80               | 24 | 125 | 48 | 0.03919%             | 3.92     |
| 01-0093001 | 30               | 24 | 125 | 48 | 0.00127%             | 0.13     |
| 01-0093002 | 10               | 24 | 125 | 48 | 0.00744%             | 0.74     |
| 01-0094000 | 40               | 24 | 125 | 48 | 0.00284%             | 0.28     |
| 01-0095000 | 80               | 24 | 125 | 48 | 0.04052%             | 4.05     |
| 01-0096000 | 16               | 24 | 125 | 48 | 0.00244%             | 0.24     |
| 01-0096001 | 40               | 24 | 125 | 48 | 0.03895%             | 3.9      |
| 01-0096002 | 76               | 24 | 125 | 48 | 0.06821%             | 6.82     |
| 01-0096003 | 28               | 24 | 125 | 48 | 0.01942%             | 1.94     |
| 01-0097000 | 40               | 24 | 125 | 48 | 0.00542%             | 0.54     |
| 01-0098000 | 133.04           | 24 | 125 | 48 | 0.07789%             | 7.79     |
| 01-0098001 | 68.63            | 24 | 125 | 48 | 0.06676%             | 6.68     |
| 01-0099000 | 160              | 25 | 125 | 48 | 0.00072%             | 0.07     |
| 01-0100000 | 80               | 25 | 125 | 48 | 0.00017%             | 0.02     |
| 09-0013000 | 157.34           | 4  | 125 | 47 | 0.16036%             | 16.04    |
| 09-0014000 | 163.13           | 4  | 125 | 47 | 1.02346%             | 102.35   |
| 09-0016000 | 80               | 4  | 125 | 47 | 0.00974%             | 0.97     |
| 09-0017000 | 160              | 4  | 125 | 47 | 0.91912%             | 91.91    |
| 09-0018000 | 13.69            | 5  | 125 | 47 | 0.09971%             | 9.97     |
| 09-0018001 | 150.31           | 5  | 125 | 47 | 1.09134%             | 109.13   |
| 09-0019000 | 165.95           | 5  | 125 | 47 | 1.24692%             | 124.69   |
| 09-0020000 | 160              | 5  | 125 | 47 | 1.17519%             | 117.52   |
| 09-0021000 | 160              | 5  | 125 | 47 | 1.21753%             | 121.75   |
| 09-0022000 | 165.09           | 6  | 125 | 47 | 1.25999%             | 126      |
| 09-0023000 | 175.65           | 6  | 125 | 47 | 1.36877%             | 136.88   |
| 09-0024000 | 160              | 6  | 125 | 47 | 1.21157%             | 121.16   |
| 09-0025000 | 174.71           | 6  | 125 | 47 | 1.32606%             | 132.61   |
| 09-0026000 | 160              | 7  | 125 | 47 | 1.14385%             | 114.39   |
| 09-0027000 | 175.08           | 7  | 125 | 47 | 1.26574%             | 126.57   |
| 09-0028000 | 155.76           | 7  | 125 | 47 | 1.11814%             | 111.81   |
| 09-0028001 | 4.24             | 7  | 125 | 47 | 0.03113%             | 3.11     |
| 09-0029000 | 7.74             | 7  | 125 | 47 | 0.05847%             | 5.85     |
| 09-0029001 | 2.12             | 7  | 125 | 47 | 0.01600%             | 1.6      |
| 09-0029002 | 70.14            | 7  | 125 | 47 | 0.52943%             | 52.94    |
| 09-0030000 | 92.49            | 7  | 125 | 47 | 0.61538%             | 61.54    |
| 09-0030001 | 2.51             | 7  | 125 | 47 | 0.01883%             | 1.88     |
| 09-0031000 | 10.22            | 8  | 125 | 47 | 0.07521%             | 7.52     |
| 09-0031001 | 149.78           | 8  | 125 | 47 | 1.11756%             | 111.76   |
| 09-0032000 | 6.3              | 8  | 125 | 47 | 0.05058%             | 5.06     |
| 09-0032001 | 87.95            | 8  | 125 | 47 | 0.63625%             | 63.62    |
| 09-0032002 | 65.75            | 8  | 125 | 47 | 0.52126%             | 52.13    |
| 09-0033000 | 155.74           | 8  | 125 | 47 | 1.18027%             | 118.03   |
| 09-0033001 | 4.26             | 8  | 125 | 47 | 0.03217%             | 3.22     |
| 09-0034000 | 155.74           | 8  | 125 | 47 | 1.12283%             | 112.28   |

| Parcel     |                  |    |     |    |                      |          |
|------------|------------------|----|-----|----|----------------------|----------|
| PIN        | Parcel Area (ac) | S  | T   | R  | Percent Contribution | 2 Digits |
| 09-0034001 | 4.26             | 8  | 125 | 47 | 0.02982%             | 2.98     |
| 09-0035000 | 155.74           | 9  | 125 | 47 | 1.12250%             | 112.25   |
| 09-0035001 | 4.26             | 9  | 125 | 47 | 0.02984%             | 2.98     |
| 09-0036000 | 160              | 9  | 125 | 47 | 1.17377%             | 117.38   |
| 09-0037000 | 77.88            | 9  | 125 | 47 | 0.57429%             | 57.43    |
| 09-0037001 | 2.12             | 9  | 125 | 47 | 0.01565%             | 1.56     |
| 09-0038000 | 35.74            | 9  | 125 | 47 | 0.27507%             | 27.51    |
| 09-0038001 | 6.4              | 9  | 125 | 47 | 0.04758%             | 4.76     |
| 09-0039000 | 37.86            | 9  | 125 | 47 | 0.28251%             | 28.25    |
| 09-0040000 | 155.74           | 9  | 125 | 47 | 1.19071%             | 119.07   |
| 09-0040001 | 4.26             | 9  | 125 | 47 | 0.03301%             | 3.3      |
| 09-0042000 | 155.74           | 10 | 125 | 47 | 0.47031%             | 47.03    |
| 09-0042001 | 4.26             | 10 | 125 | 47 | 0.02241%             | 2.24     |
| 09-0045000 | 73.66            | 10 | 125 | 47 | 0.45416%             | 45.42    |
| 09-0045001 | 2.5              | 10 | 125 | 47 | 0.00878%             | 0.88     |
| 09-0045002 | 7.54             | 10 | 125 | 47 | 0.05377%             | 5.38     |
| 09-0045003 | 73.8             | 10 | 125 | 47 | 0.55121%             | 55.12    |
| 09-0064000 | 74               | 15 | 125 | 47 | 0.45228%             | 45.23    |
| 09-0064002 | 7.73             | 15 | 125 | 47 | 0.05758%             | 5.76     |
| 09-0064003 | 78.02            | 15 | 125 | 47 | 0.42186%             | 42.19    |
| 09-0067000 | 8.1              | 15 | 125 | 47 | 0.06129%             | 6.13     |
| 09-0067001 | 4.26             | 15 | 125 | 47 | 0.03231%             | 3.23     |
| 09-0067002 | 147.64           | 15 | 125 | 47 | 0.87559%             | 87.56    |
| 09-0068000 | 151.48           | 16 | 125 | 47 | 1.14681%             | 114.68   |
| 09-0068001 | 8.52             | 16 | 125 | 47 | 0.06230%             | 6.23     |
| 09-0069000 | 77.86            | 16 | 125 | 47 | 0.58314%             | 58.31    |
| 09-0070000 | 77.86            | 16 | 125 | 47 | 0.59106%             | 59.11    |
| 09-0070001 | 4.28             | 16 | 125 | 47 | 0.03211%             | 3.21     |
| 09-0071000 | 155.74           | 16 | 125 | 47 | 1.19276%             | 119.28   |
| 09-0071001 | 4.26             | 16 | 125 | 47 | 0.03228%             | 3.23     |
| 09-0072000 | 80               | 16 | 125 | 47 | 0.60412%             | 60.41    |
| 09-0073000 | 80               | 16 | 125 | 47 | 0.60893%             | 60.89    |
| 09-0074000 | 155.74           | 17 | 125 | 47 | 1.20923%             | 120.92   |
| 09-0074001 | 4.26             | 17 | 125 | 47 | 0.03201%             | 3.2      |
| 09-0075000 | 155.74           | 17 | 125 | 47 | 1.18061%             | 118.06   |
| 09-0075001 | 4.26             | 17 | 125 | 47 | 0.03144%             | 3.14     |
| 09-0076000 | 160              | 17 | 125 | 47 | 1.22223%             | 122.22   |
| 09-0077000 | 160              | 17 | 125 | 47 | 1.19799%             | 119.8    |
| 09-0078000 | 77.88            | 18 | 125 | 47 | 0.55957%             | 55.96    |
| 09-0079000 | 77.88            | 18 | 125 | 47 | 0.57616%             | 57.62    |
| 09-0079001 | 4.24             | 18 | 125 | 47 | 0.03131%             | 3.13     |
| 09-0080000 | 170.42           | 18 | 125 | 47 | 1.29211%             | 129.21   |
| 09-0080001 | 4.63             | 18 | 125 | 47 | 0.03504%             | 3.5      |
| 09-0081000 | 40               | 18 | 125 | 47 | 0.27662%             | 27.66    |

| Parcel     |                  |    |     |    | Percent Contribution | 2 Digits |
|------------|------------------|----|-----|----|----------------------|----------|
| PIN        | Parcel Area (ac) | S  | T   | R  |                      |          |
| 09-0082000 | 40               | 18 | 125 | 47 | 0.28859%             | 28.86    |
| 09-0083000 | 120              | 18 | 125 | 47 | 0.65458%             | 65.46    |
| 09-0084000 | 135.25           | 18 | 125 | 47 | 0.69983%             | 69.98    |
| 09-0085000 | 160              | 19 | 125 | 47 | 0.69502%             | 69.5     |
| 09-0086000 | 80               | 19 | 125 | 47 | 0.01792%             | 1.79     |
| 09-0087000 | 47.61            | 19 | 125 | 47 | 0.02496%             | 2.5      |
| 09-0088000 | 47.48            | 19 | 125 | 47 | 0.02807%             | 2.81     |
| 09-0088001 | 45.65            | 19 | 125 | 47 | 0.01649%             | 1.65     |
| 09-0089000 | 125.35           | 19 | 125 | 47 | 0.00385%             | 0.38     |
| 09-0089003 | 41.27            | 19 | 125 | 47 | 0.00499%             | 0.5      |
| 09-0089004 | 9.25             | 19 | 125 | 47 | 0.00500%             | 0.5      |
| 09-0090000 | 80               | 20 | 125 | 47 | 0.42816%             | 42.82    |
| 09-0090001 | 80               | 20 | 125 | 47 | 0.29660%             | 29.66    |
| 09-0091000 | 80               | 20 | 125 | 47 | 0.58087%             | 58.09    |
| 09-0091001 | 80               | 20 | 125 | 47 | 0.34260%             | 34.26    |
| 09-0093000 | 160              | 20 | 125 | 47 | 0.03532%             | 3.53     |
| 09-0094000 | 7.74             | 21 | 125 | 47 | 0.06433%             | 6.43     |
| 09-0094001 | 4.23             | 21 | 125 | 47 | 0.03306%             | 3.31     |
| 09-0095000 | 148.03           | 21 | 125 | 47 | 1.14219%             | 114.22   |
| 09-0096000 | 80               | 21 | 125 | 47 | 0.60613%             | 60.61    |
| 09-0096001 | 80               | 21 | 125 | 47 | 0.61120%             | 61.12    |
| 09-0097000 | 155.76           | 21 | 125 | 47 | 0.84648%             | 84.65    |
| 09-0097001 | 4.24             | 21 | 125 | 47 | 0.02776%             | 2.78     |
| 09-0098000 | 160              | 21 | 125 | 47 | 1.03863%             | 103.86   |
| 09-0100000 | 155.77           | 22 | 125 | 47 | 0.83203%             | 83.2     |
| 09-0100001 | 4.23             | 22 | 125 | 47 | 0.03213%             | 3.21     |
| 09-0102000 | 10.82            | 22 | 125 | 47 | 0.05119%             | 5.12     |
| 09-0102001 | 4.24             | 22 | 125 | 47 | 0.02833%             | 2.83     |
| 09-0102002 | 144.94           | 22 | 125 | 47 | 0.72931%             | 72.93    |
| 14-0088000 | 194.75           | 18 | 126 | 47 | 0.16310%             | 16.31    |
| 14-0089000 | 160              | 19 | 126 | 47 | 0.12886%             | 12.89    |
| 14-0090000 | 173.45           | 19 | 126 | 47 | 1.03419%             | 103.42   |
| 14-0091000 | 160              | 19 | 126 | 47 | 1.08734%             | 108.73   |
| 14-0092000 | 172.53           | 19 | 126 | 47 | 1.26129%             | 126.13   |
| 14-0094001 | 80               | 20 | 126 | 47 | 0.03204%             | 3.2      |
| 14-0096000 | 160              | 20 | 126 | 47 | 0.69821%             | 69.82    |
| 14-0128000 | 160              | 28 | 126 | 47 | 0.31939%             | 31.94    |
| 14-0129000 | 116.81           | 28 | 126 | 47 | 0.00513%             | 0.51     |
| 14-0131000 | 80               | 28 | 126 | 47 | 0.56364%             | 56.36    |
| 14-0131001 | 80               | 28 | 126 | 47 | 0.52827%             | 52.83    |
| 14-0132000 | 160              | 29 | 126 | 47 | 0.60162%             | 60.16    |
| 14-0133000 | 15               | 29 | 126 | 47 | 0.02540%             | 2.54     |
| 14-0134000 | 145              | 29 | 126 | 47 | 0.84289%             | 84.29    |
| 14-0135000 | 80               | 29 | 126 | 47 | 0.59441%             | 59.44    |

| Parcel     |                  |    |     |    | Percent Contribution | 2 Digits |
|------------|------------------|----|-----|----|----------------------|----------|
| PIN        | Parcel Area (ac) | S  | T   | R  |                      |          |
| 14-0136000 | 80               | 29 | 126 | 47 | 0.65939%             | 65.94    |
| 14-0137000 | 160              | 29 | 126 | 47 | 1.16314%             | 116.31   |
| 14-0138000 | 160              | 30 | 126 | 47 | 1.15078%             | 115.08   |
| 14-0139000 | 86.14            | 30 | 126 | 47 | 0.63843%             | 63.84    |
| 14-0139001 | 86.35            | 30 | 126 | 47 | 0.65207%             | 65.21    |
| 14-0140000 | 15               | 30 | 126 | 47 | 0.11531%             | 11.53    |
| 14-0141000 | 125              | 30 | 126 | 47 | 0.92109%             | 92.11    |
| 14-0142000 | 20               | 30 | 126 | 47 | 0.14880%             | 14.88    |
| 14-0144000 | 173.33           | 30 | 126 | 47 | 1.30534%             | 130.53   |
| 14-0145000 | 160              | 31 | 126 | 47 | 1.21328%             | 121.33   |
| 14-0146000 | 173.63           | 31 | 126 | 47 | 1.30896%             | 130.9    |
| 14-0147000 | 160              | 31 | 126 | 47 | 1.22711%             | 122.71   |
| 14-0148000 | 126.76           | 31 | 126 | 47 | 0.59183%             | 59.18    |
| 14-0148001 | 46.8             | 31 | 126 | 47 | 0.35144%             | 35.14    |
| 14-0149000 | 160              | 32 | 126 | 47 | 1.15248%             | 115.25   |
| 14-0150000 | 80               | 32 | 126 | 47 | 0.59926%             | 59.93    |
| 14-0150001 | 80               | 32 | 126 | 47 | 0.59902%             | 59.9     |
| 14-0151000 | 160              | 32 | 126 | 47 | 1.13906%             | 113.91   |
| 14-0152000 | 160              | 32 | 126 | 47 | 1.22651%             | 122.65   |
| 14-0154000 | 160              | 33 | 126 | 47 | 0.94536%             | 94.54    |
| 14-0155000 | 99.25            | 33 | 126 | 47 | 0.21171%             | 21.17    |
| 14-0156000 | 160              | 33 | 126 | 47 | 1.13617%             | 113.62   |
| 15-0013000 | 151.42           | 13 | 126 | 48 | 0.25499%             | 25.5     |
| 15-0013001 | 27.18            | 13 | 126 | 48 | 0.02574%             | 2.57     |
| 15-0015000 | 160              | 13 | 126 | 48 | 0.46983%             | 46.98    |
| 15-0017000 | 127.8            | 14 | 126 | 48 | 0.01866%             | 1.87     |
| 15-0018000 | 9.42             | 14 | 126 | 48 | 0.01800%             | 1.8      |
| 15-0018002 | 8.68             | 14 | 126 | 48 | 0.00828%             | 0.83     |
| 15-0019000 | 160              | 14 | 126 | 48 | 0.01896%             | 1.9      |
| 15-0090000 | 18.92            | 23 | 126 | 48 | 0.12256%             | 12.26    |
| 15-0091000 | 21.08            | 23 | 126 | 48 | 0.11485%             | 11.48    |
| 15-0092000 | 149.32           | 23 | 126 | 48 | 0.04771%             | 4.77     |
| 15-0092001 | 10.68            | 23 | 126 | 48 | 0.01275%             | 1.28     |
| 15-0092002 | 40               | 23 | 126 | 48 | 0.17175%             | 17.17    |
| 15-0093000 | 160              | 23 | 126 | 48 | 0.67451%             | 67.45    |
| 15-0094000 | 80.64            | 23 | 126 | 48 | 0.26913%             | 26.91    |
| 15-0095000 | 160              | 23 | 126 | 48 | 0.07785%             | 7.78     |
| 15-0096000 | 160              | 24 | 126 | 48 | 1.08458%             | 108.46   |
| 15-0096001 | 160              | 24 | 126 | 48 | 1.17084%             | 117.08   |
| 15-0097000 | 120              | 24 | 126 | 48 | 0.90927%             | 90.93    |
| 15-0098000 | 40               | 24 | 126 | 48 | 0.30348%             | 30.35    |
| 15-0099000 | 160              | 24 | 126 | 48 | 1.17673%             | 117.67   |
| 15-0100000 | 160              | 25 | 126 | 48 | 1.20194%             | 120.19   |
| 15-0101000 | 160              | 25 | 126 | 48 | 1.09285%             | 109.29   |

| Parcel     |                  |    |     |    |                      |          |
|------------|------------------|----|-----|----|----------------------|----------|
| PIN        | Parcel Area (ac) | S  | T   | R  | Percent Contribution | 2 Digits |
| 15-0102000 | 160              | 25 | 126 | 48 | 1.20206%             | 120.21   |
| 15-0104000 | 160              | 25 | 126 | 48 | 1.00417%             | 100.42   |
| 15-0105000 | 113.37           | 26 | 126 | 48 | 0.07064%             | 7.06     |
| 15-0105001 | 46.63            | 26 | 126 | 48 | 0.02915%             | 2.92     |
| 15-0106000 | 80               | 26 | 126 | 48 | 0.03757%             | 3.76     |
| 15-0107000 | 80               | 26 | 126 | 48 | 0.04521%             | 4.52     |
| 15-0108000 | 29.71            | 26 | 126 | 48 | 0.02021%             | 2.02     |
| 15-0108001 | 130.29           | 26 | 126 | 48 | 0.07924%             | 7.92     |
| 15-0109000 | 160              | 26 | 126 | 48 | 0.09095%             | 9.1      |
| 15-0110000 | 161              | 27 | 126 | 48 | 0.06696%             | 6.7      |
| 15-0111000 | 160              | 27 | 126 | 48 | 0.00049%             | 0.05     |
| 15-0112000 | 160              | 27 | 126 | 48 | 0.04759%             | 4.76     |
| 15-0178000 | 160              | 34 | 126 | 48 | 0.00675%             | 0.67     |
| 15-0181000 | 60               | 34 | 126 | 48 | 0.00412%             | 0.41     |
| 15-0181002 | 20               | 34 | 126 | 48 | 0.00716%             | 0.72     |
| 15-0183000 | 160              | 35 | 126 | 48 | 0.09720%             | 9.72     |
| 15-0184000 | 160              | 35 | 126 | 48 | 0.09666%             | 9.67     |
| 15-0185001 | 160              | 35 | 126 | 48 | 0.09881%             | 9.88     |
| 15-0186000 | 160              | 35 | 126 | 48 | 0.09594%             | 9.59     |
| 15-0187000 | 160              | 36 | 126 | 48 | 1.21330%             | 121.33   |
| 15-0188000 | 160              | 36 | 126 | 48 | 1.06218%             | 106.22   |
| 15-0189000 | 80               | 36 | 126 | 48 | 0.59807%             | 59.81    |
| 15-0190000 | 80               | 36 | 126 | 48 | 0.53948%             | 53.95    |
| 15-0191000 | 80               | 36 | 126 | 48 | 0.36262%             | 36.26    |
| 15-0191001 | 80               | 36 | 126 | 48 | 0.13064%             | 13.06    |
|            |                  |    |     |    | 100.00000%           | 10000    |