

FILED

STATE OF MINNESOTA
SPECIAL REDISTRICTING PANEL

December 17, 2021

OFFICE OF
APPELLATE COURTS

A21-0243

A21-0546

Peter S. Wattson, Joseph Mansky, Nancy B. Greenwood, Mary E. Kupper, Douglas W. Backstrom and James E. Hougas III, individually and on behalf of all citizens and voting residents of Minnesota similarly situated, and League of Women Voters Minnesota,

Plaintiffs,

and

Paul Anderson, Ida Lano, Chuck Brusven, Karen Lane, Joel Hineman, Carol Wegner, and Daniel Schonhardt,

Plaintiff-Intervenors

vs.

Steve Simon, Secretary of State of Minnesota; and Kendra Olson, Carver County Elections and Licensing Manager, individually and on behalf of all Minnesota county chief election officers,

Defendants,

and

Frank Sachs, Dagny Heimisdottir, Michael Arulfo, Tanwi Prigge, Jennifer Guertin, Garrison O'Keith McMurtrey, Mara Lee Glubka, Jeffrey Strand, Danielle Main, and Wayne Grimmer,

Plaintiffs,

**AFFIDAVIT OF PETER S.
WATTSON IN SUPPORT OF THE
WATTSON PLAINTIFFS'
RESPONSE TO OTHER PARTIES'
CONGRESSIONAL AND
LEGISLATIVE REDISTRICTING
PLANS**

the congressional block equivalency files submitted by the parties in the case and posted on the website of the Special Redistricting Panel (“Panel”) to create plans and run reports on those plans in Maptitude for Redistricting 2021, build 4960, 64-bit (“Maptitude”). I then inserted the results from those reports into the Congressional Comparison. To the best of my knowledge, the data in the Congressional Comparison accurately measures the plans of the parties in this case and the plans ordered by Special Redistricting Panels in 2002 and 2012.

3. Attached as **Exhibit B** to this Affidavit is a true and correct copy of a 2022 Legislative Plan Comparison. It compares the plans of the parties in this case based on measures relevant to the Panel’s redistricting principles. I created the comparison by using the senate and house block equivalency files submitted by the parties in this case and posted on this Panel’s website to create plans and run reports on those plans in Maptitude. I then inserted the results from those reports into the Legislative Comparison. To the best of my knowledge, the data in the Legislative Comparison accurately measures the plans of the parties in this case and plans ordered by the 2002 and 2012 Panels.

4. Attached as **Exhibit C** to this Affidavit are true and correct copies of Maptitude Core Constituencies reports that I ran on the Anderson Plaintiffs, Sachs Plaintiffs, and Corrie Plaintiffs congressional and legislative plans. I created these reports by using the same plans I created as described for Exhibits A and B. The Core Constituencies reports include a measure of the core voting-age population of each district and the average core for all the districts in a plan. The reports also show the population moved from the corresponding 2020 district (the “prior district”) into a different 2022

district and the sum of the population moved into a different district by all the districts in the 2022 plan. The reports in **Exhibit C-1** are for the parties' congressional plans, the reports in **Exhibit C-2** are for the parties' senate plans, and the reports in **Exhibit C-3** are for the parties' house plans.

5. Attached as **Exhibit D** to this Affidavit are true and correct copies of Maptitude Partisanship reports that I ran for the Anderson Plaintiffs, Sachs Plaintiffs, and Corrie Plaintiffs congressional and Legislative plans. I created these reports using the same plans I created as described for Exhibits A and B. The reports in **Exhibit D-1** are for the parties' congressional plans, the reports in **Exhibit D-2** are for the parties' senate plans, and the reports in **Exhibit D-3** are for the parties' house plans.

6. Attached as **Exhibit E** to this Affidavit are true and correct copies of Swing to Lose Pendulum reports that I ran for each party using the same plans I created as described for Exhibits A and B. The Swing to Lose Pendulums in **Exhibit E-1** are for the parties' congressional plans, the Swing to Lose Pendulums in **Exhibit E-2** are for the parties' senate plans, and the Swing to Lose Pendulums in **Exhibit E-3** are for the parties' house plans.

7. Attached as **Exhibit F** to this Affidavit are true and correct copies of Political Subdivision Splits reports for the Corrie Plaintiffs' congressional, senate and house plans that I ran using the same plans I created as described for Exhibits A and B. I included these reports because the reports provided to the Panel by the Corrie Plaintiffs did not count the number of County Subdivision splits and appear not to have counted splits of Voting District territory that had no population in it.

8. Attached as **Exhibit G** to this Affidavit are supplemental maps that I created from the same plans I created as described for Exhibits A and B. To the best of my knowledge, these maps depict the district boundaries of the plans submitted by the Anderson Plaintiffs. The following maps are attached:

- i. A congressional Metro map showing precinct boundaries and the partisan lean of precincts, political subdivisions, and districts (**Exhibit G-1**);
- ii. A senate statewide map showing the partisan lean of districts and the residence of incumbents (**Exhibit G-2**);
- iii. A senate 11-County Metro map showing the partisan lean of each district and the residence of incumbents (**Exhibit G-3**);
- iv. A senate Inner Metro map showing the partisan lean of each district (**Exhibit G-4**);
- v. A house statewide map showing the partisan lean of districts and political subdivisions and the residence of incumbents (**Exhibit G-5**);
- vi. A house Metro map showing precinct boundaries and also showing the partisan lean of districts, precincts and political subdivisions (**Exhibit G-6**); and
- vii. A house Inner Metro Minority Voting-Age Population map showing precinct boundaries and showing the partisan lean of districts, precincts and political subdivisions; this map also shows the breakdown by minority race within the precincts (**Exhibit G-7**).

9. Attached as Exhibit H to this Affidavit are supplemental maps that I created from the same plans I created as described for Exhibits A and B. To the best of my knowledge, these maps depict the district boundaries of the plans submitted by the Sachs Plaintiffs. The following maps are attached:

- i. A congressional and metro map showing the partisan lean of each congressional district and the residence of incumbents (**Exhibit H-1**);
- ii. A senate statewide map showing the partisan lean of each district and the residence of incumbents (**Exhibit H-2**);
- iii. A senate Metro map showing precinct boundaries and the partisan lean of districts, precincts and political subdivisions (**Exhibit H-3**);
- iv. A senate Inner Metro map showing precinct boundaries and showing the partisan lean of districts, precincts and political subdivisions; (**Exhibit H-4**);
- v. A senate map of the Rochester Metro area showing precinct boundaries and showing the partisan lean of districts, precincts and political subdivisions; (**Exhibit H-5**)
- vi. A house statewide map showing the partisan lean of districts and political subdivisions and the residence of incumbents (**Exhibit H-6**);
- vii. A house Metro map showing precinct boundaries and the partisan lean of precincts, districts and political subdivisions and the residence of incumbents (**Exhibit H-7**); and
- viii. A house Metro Minority Voting-Age Population map showing

precinct boundaries and showing the partisan lean of districts, precincts and political subdivisions; this map also shows the breakdown by minority race within the precincts (**Exhibit H-8**).

10. Attached as **Exhibit I** to this Affidavit are supplemental maps that I created from the same plans I created as described for Exhibits A and B. To the best of my knowledge, these maps depict the district boundaries of the plans submitted by the Corrie Plaintiffs. The following maps are attached:

- i. A congressional and metro map showing the partisan lean of each congressional district and the residence of incumbents (**Exhibit I-1**);
- ii. A senate statewide map showing the partisan lean of districts and political subdivisions and the residence of incumbents (**Exhibit I-2**);
- iii. A senate Metro map showing precinct boundaries and the partisan lean of precincts, districts and political subdivisions and the residence of incumbents (**Exhibit I-3**);
- iv. A senate Inner Metro Minority Voting-Age Population map showing precinct boundaries and showing the partisan lean of districts, precincts and political subdivisions; this map also shows the breakdown by minority race within the precincts (**Exhibit I-4**);
- v. A senate map of the Rochester Metro area showing precinct boundaries and showing the partisan lean of districts, precincts and political subdivisions; (**Exhibit I-5**);
- vi. A senate map of the St. Cloud Metro area showing precinct

boundaries and showing the partisan lean of districts, precincts and political subdivisions; (**Exhibit I-6**);

vii. A house statewide map showing the partisan lean of districts and political subdivisions and the residence of incumbents (**Exhibit I-7**);

and

viii. A house 11-County Metro map showing precinct boundaries and the partisan lean of precincts, districts and political subdivisions and the residence of incumbents (**Exhibit I-8**).

11. Attached as **Exhibit J** to this Affidavit is a copy of a congressional statewide map with the current congressional districts as used for the 2020 election. Using 2012 to 2020 election data as described below, this map shows the partisan lean of each district and political subdivision. It also shows the residence of congressional incumbents elected at the 2020 election as they filed for office with the Secretary of State or, if they did not include their residence address in their filing papers, their residence as best I could determine from public records. For example, the address for Congressman Pete Stauber is his campaign office, as filed with the Secretary of State.

12. All partisan information on the maps attached as Exhibits G, H, I, and J was generated using an Index of election results that I created (hereinafter “the Index”). To create this Index, I used 14 of the 16 Minnesota statewide partisan races of the last decade. The 14 races used are: 2012 Presidential, 2014 United States Senate, 2014 Governor, 2014 Secretary of State, 2014 State Auditor, 2014 Attorney General, 2016 Presidential, 2018 United States Senate Special Election, 2018 Governor, 2018 Secretary of State, 2018 State

Auditor, 2018 Attorney General, 2020 Presidential, and 2020 United States Senate. The Wattson Plaintiffs' Index excludes the U.S. Senate general elections of 2012 (Klobuchar 65% v. Bills 31%) and 2018 (Klobuchar 60% v. Newberger 36%), which were not close and thus outliers in Minnesota. I took the Secretary of State's 2012-20 election results by precinct for the 14 Index races and allocated them to the census blocks within each precinct. This allocation is done using Maptitude software and a process Maptitude calls "disaggregating." The disaggregation is based on the voting-age population in each block as a proportion of the voting-age population in the precinct. Each census block thus shows the same partisanship as the precinct, even though users of the software know that is probably not the reality. The more precincts that are split to create a district, the less reliable will be its partisan lean as shown in the Partisanship report. Nevertheless, disaggregating election results to census blocks is the industry standard when creating redistricting plans at the block level.

13. The Partisanship report sums the Index votes in all the census blocks in a district for each district drawn (congressional, house or senate). It shows the number of Index votes in each district, the percentage of the votes cast for Democratic, Republican, or other candidates (grouped as "Third Parties"), and the percentage by which the votes cast for Democratic candidates exceeded the percentage of votes cast for Republican candidates. This excess is called the "Dem Plurality," or average winning margin. If the number is positive, it is shown in blue to indicate that the district favors Democrats. If the number is negative, because Republican candidates in the district received more votes than Democratic candidates, the Dem Plurality is shown in red to indicate the district favors

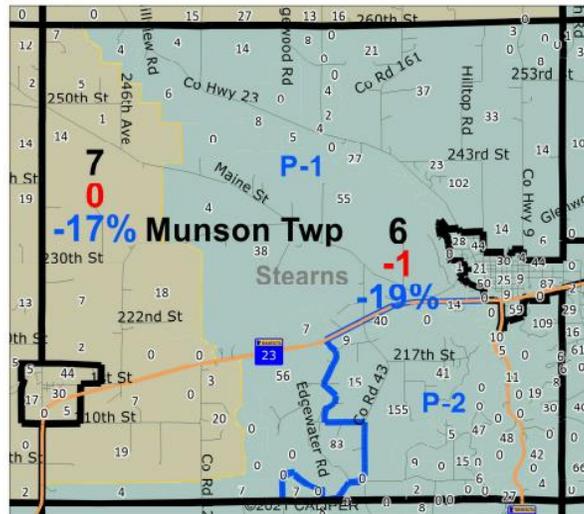
Republicans.

14. I have reviewed the Responsive Memorandum submitted by the Wattson Plaintiffs on December 17, 2021. In reviewing the memorandum, the partisan data contained in the memorandum is from the Index that I created and is true and accurate to the best of my knowledge.

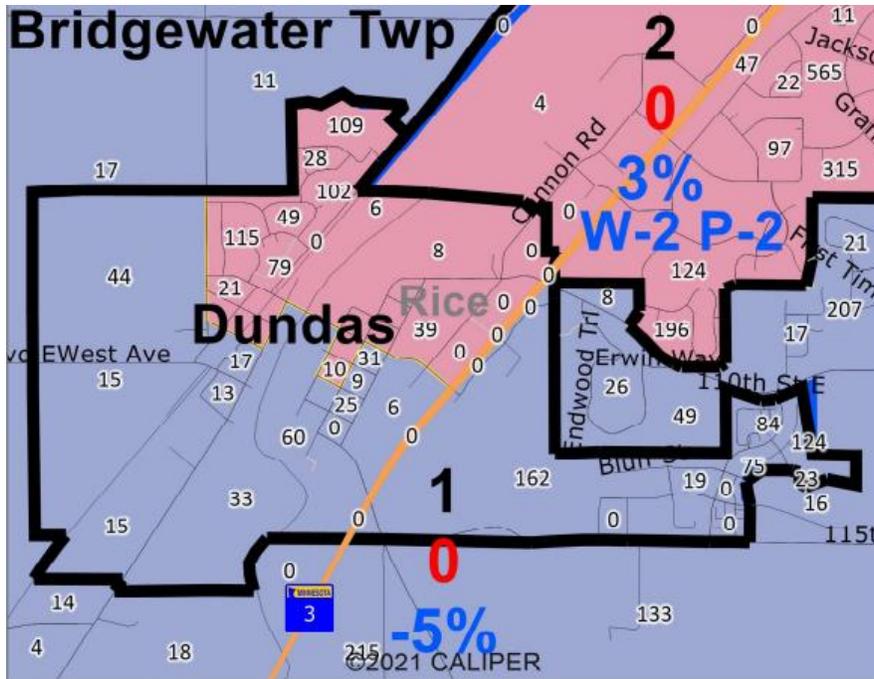
15. Attached as **Exhibit K** to this Affidavit is a St. Paul resolution PH 20-223 providing standards for redistricting of wards in 2021.

16. Below is a screenshot of a Munson township showing the precinct split created by the Sachs Plaintiffs in their congressional plan.

Munson Twp P-1



17. Below is a screenshot of the city of Dundas showing the precinct split created by the Anderson Plaintiffs in their congressional plan.



Consistent with Minnesota Statute § 358.116, I declare under penalty of perjury that everything I have stated in this document is true and correct.

Date: December 17, 2021

/s/ Peter S. Wattson
Peter S. Wattson

Hennepin County, Minnesota
County and state signed