

EXHIBIT FORM

EXHIBIT (S) OF		WILLIAM WHITFORD, <i>et al.</i>		
<u>Plaintiffs</u> (Indicate plaintiff or defendant)		V. Case No. <u>15-cv-421-bbc</u>		
		GERALD NICHOL, <i>et al.</i>		
Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	1		Illustrative Maps	
	2		Expert Report of Ken Mayer, dated July 3, 2015	
	3		Expert Report of Ken Mayer, Mayer Regression Model	
	4		Expert Report of Ken Mayer, Figure 1	
	5		Expert Report of Ken Mayer, Figure 2	
	6		Expert Report of Ken Mayer, Figure 3	
	7		Expert Report of Ken Mayer, Figure 4	
	8		Expert Report of Ken Mayer, Figure 5	
	9		Expert Report of Ken Mayer, Figure 6	
	10		Expert Report of Ken Mayer, Figure 7	
	11		Expert Report of Ken Mayer, Figure 8	
	12		Expert Report of Ken Mayer, Figure 9	
	13		Expert Report of Ken Mayer, Figure 10	
	14		Expert Report of Ken Mayer, Figure 11	
	15		Expert Report of Ken Mayer, Figure 12	
	16		Expert Report of Ken Mayer, Figure 13	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	17		Expert Report of Ken Mayer, Figure 14	
	18		Expert Report of Ken Mayer, Table 1	
	19		Expert Report of Ken Mayer, Table 2	
	20		Expert Report of Ken Mayer, Table 3	
	21		Expert Report of Ken Mayer, Table 4	
	22		Expert Report of Ken Mayer, Table 5	
	23		Expert Report of Ken Mayer, Table 6	
	24		Expert Report of Ken Mayer, Table 7	
	25		Expert Report of Ken Mayer, Table 8	
	26		Expert Report of Ken Mayer, Table 9	
	27		Expert Report of Ken Mayer, Table 10	
	28		Expert Report of Ken Mayer, Annex Table, Differences Between GAB reports and LTSS data	
	29		Expert Report of Ken Mayer, Annex Table, Allocation of Reporting Unit Data to Ward Data	
	30		Expert Report of Ken Mayer, Annex Table, Independent Variable: Assembly Republican Vote Totals	
	31		Expert Report of Ken Mayer, Annex Table, Independent Variable: Assembly Democratic Vote Totals	
	32		Expert Report of Ken Mayer, Annex Table, Population Deviation	
	33		Expert Report of Ken Mayer, Annex Table, Compactness	
	34		Expert Report of Simon Jackman, dated July 7, 2015	
	35		Expert Report of Simon Jackman, Figure 1	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	36		Expert Report of Simon Jackman, Figure 2	
	37		Expert Report of Simon Jackman, Figure 3	
	38		Expert Report of Simon Jackman, Figure 4	
	39		Expert Report of Simon Jackman, Figure 5	
	40		Expert Report of Simon Jackman, Figure 6	
	41		Expert Report of Simon Jackman, Figure 7	
	42		Expert Report of Simon Jackman, Figure 8	
	43		Expert Report of Simon Jackman, Figure 9	
	44		Expert Report of Simon Jackman, Figure 10	
	45		Expert Report of Simon Jackman, Figure 11	
	46		Expert Report of Simon Jackman, Figure 12	
	47		Expert Report of Simon Jackman, Figure 13	
	48		Expert Report of Simon Jackman, Figure 14	
	49		Expert Report of Simon Jackman, Figure 15	
	50		Expert Report of Simon Jackman, Figure 16	
	51		Expert Report of Simon Jackman, Figure 17	
	52		Expert Report of Simon Jackman, Figure 18	
	53		Expert Report of Simon Jackman, Figure 19	
	54		Expert Report of Simon Jackman, Figure 20	
	55		Expert Report of Simon Jackman, Figure 21	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	56		Expert Report of Simon Jackman, Figure 22	
	57		Expert Report of Simon Jackman, Figure 23	
	58		Expert Report of Simon Jackman, Figure 24	
	59		Expert Report of Simon Jackman, Figure 25	
	60		Expert Report of Simon Jackman, Figure 26	
	61		Expert Report of Simon Jackman, Figure 27	
	62		Expert Report of Simon Jackman, Figure 28	
	63		Expert Report of Simon Jackman, Figure 29	
	64		Expert Report of Simon Jackman, Figure 30	
	65		Expert Report of Simon Jackman, Figure 31	
	66		Expert Report of Simon Jackman, Figure 32	
	67		Expert Report of Simon Jackman, Figure 33	
	68		Expert Report of Simon Jackman, Figure 34	
	69		Expert Report of Simon Jackman, Figure 35	
	70		Expert Report of Simon Jackman, Figure 36	
	71		Expert Report of Simon Jackman, Table 1	
	72		Secrecy Agreements by Republican Legislators	
	73		Defendants' Amended Answer, dated January 15, 2016	
	74		Nicholas Stephanopoulos, Our Electoral Exceptionalism (2013) article	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	75		Ellen Katz, Documenting Discrimination in Voting-Judicial Findings Under Section 2 (2005) article (Part 1 of 2)	
	76		Ellen Katz, Documenting Discrimination in Voting- Judicial Findings Under Section 2 (2005) article (Part 2 of 2)	
	77		Jacob Stein & Patrick Marley, GOP Redistricting Maps Make Dramatic Changes, July 8, 2011	
	78		Samuel Issacharoff, Gerrymandering and Political Cartels (2002) article	
	79		Richard Pildes, The Theory of Political Competition (1999) article	
	80		Jacob Stein and Patrick Marley, More Than They Bargained For (2013) book excerpt, from Chapter "First Assembly Vote"	
	81		Trende dataset2.csv	
	82		Curriculum Vitae of Dr. Simon Jackman	
	83		Expert Rebuttal Report of Simon Jackman, dated December 21, 2015	
	84		Expert Rebuttal Report of Simon Jackman, Figure 1	
	85		Expert Rebuttal Report of Simon Jackman, Figure 2	
	86		Expert Rebuttal Report of Simon Jackman, Figure 3	
	87		Expert Rebuttal Report of Simon Jackman, Figure 4	
	88		Expert Rebuttal Report of Simon Jackman, Figure 5	
	89		Expert Rebuttal Report of Simon Jackman, Figure 6	
	90		Expert Rebuttal Report of Simon Jackman, Figure 7	
	91		Expert Rebuttal Report of Simon Jackman, Figure 8	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	92		Expert Rebuttal Report of Simon Jackman, Figure 9	
	93		Jackman Sensitivity Testing Reliance Material	
	94		Jackman Sensitivity Testing Reliance Material, Figure 1	
	95		Jackman Sensitivity Testing Reliance Material, Figure 2	
	96		Excerpted Carl Klarner Data	
	97		Party Control Data	
	98		Eric McGhee, Measuring Partisan Bias in Single-Member District Electoral Systems (2014) article	
	99		Fifield et al, A New Automated Redistricting Simulator Using Markov Chain Monte Carlo (2015) article	
	100		Andrew Gelman and Gary King, Estimating the Electoral Consequences of Legislative Redistricting (1990) article	
	101		Gary Cox and Jonathan Katz, Elbridge Gerry's Salamander (2002) book excerpt	
	102		Bruce Cain, Assessing the Partisan Effects of Redistricting (1985) article	
	103		Curriculum Vitae of Dr. Kenneth Mayer	
	104		Expert Rebuttal Report of Kenneth Mayer, dated December 21, 2015	
	105		Expert Rebuttal Report of Kenneth Mayer, Figure A	
	106		Expert Rebuttal Report of Kenneth Mayer, Figure B	
	107		Expert Rebuttal Report of Kenneth Mayer, Figure C	
	108		Expert Rebuttal Report of Kenneth Mayer, Figure D	
	109		Expert Rebuttal Report of Kenneth Mayer, Table A	

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	110		Expert Rebuttal Report of Kenneth Mayer, Table B	
	111		Expert Rebuttal Report of Kenneth Mayer, Table C	
	112		Expert Rebuttal Report of Kenneth Mayer, Table D	
	113		Expert Rebuttal Report of Kenneth Mayer, Table E	
	114		Amended Expert Rebuttal Report of Kenneth Mayer, dated March 31, 2016	
	115		Amended Expert Rebuttal Report of Kenneth Mayer, Figure E	
	116		Amended Expert Rebuttal Report of Kenneth Mayer, Table F	
	117		Amended Expert Rebuttal Report of Kenneth Mayer, Table G	
	118		Edward Glaeser & Bryce Ward, Myths and Realities of American Political Geography (2005) article	
	119		Edward Glaeser and Jacob Vigdor, The End of the Segregated Century (2012) article	
	120		Su-Yuel Chung & Lawrence Brown, Racial/Ethnic Sorting in Spatial Context: Testing the Explanatory Frameworks (2007) article	
	121		Glaeser & Ward Isolation Index Chart	
	122		Chart with Average Efficiency Gaps for Wisconsin Plans 1970s-2010s	
	123		Chart with Democratic and Republican Isolation and Clustering Scores 2004-2014	
	124		Chart with Breakdown of Efficiency Gap and Party Control – Historical and Current	
	125		Chart with Efficiency Gap Calculations for Elections Where All Races Contested	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
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	126		Declaration of Sean Trende, dated December 2, 2015	
	127		Curriculum Vitae of Sean Trende	
	128		Transcript of Sean Trende deposition, dated December 14, 2015	
	129		Subpoena for Sean Trende to appear at deposition, dated December 7, 2015	
	130		Transcript of Nicholas Goedert deposition, dated December 15, 2015	
	131		Fryer & Holden, Measuring the Compactness of Political Districting Plans (2011) article	
	132		Nicholas Goedert, Gerrymandering or Geography? How Democrats Won the Popular Vote But Lost the Congress (2012) article	
	133		Nicholas Goedert, The Case of Disappearing Bias: A 2014 Update to the Gerrymandering or Geography (2015)	
	134		Keith Gaddie April 17, 2011 Memo (Wisconsin_Partisanship.docx)	
	135		Subpoena for Nicholas Goedert to appear at deposition, dated December 7, 2015	
	136		Expert Report of Nicholas Goedert	
	137		Curriculum Vitae of Nicholas Goedert	
	138		Plaintiffs' Complaint, dated July 8, 2015	
	139		Goedert Calculations from Math Exercise During Deposition, dated December 15, 2015	
	140		Nicholas Goedert, Redistricting, Risk, and Representation (2014) article	
	141		Nicholas Stephanopoulos & Eric McGhee, Partisan Gerrymandering and the Efficiency Gap (2015) article	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
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	142		“Media” section from Goedert’s academic home page	
	143		Vox article, “What is gerrymandering”	
	144		Vox article, “How does gerrymandering work?”	
	145		Vox article, “How gerrymandering is important to Republican control of the house”	
	146		Smith & Venables, Introduction to R (2015) article	
	147		Sean Trende’s “Wisconsin_clustering_computation.R” file	
	148		Andrew Gelman & Gary King, Unified Method of Evaluating Electoral Systems and Redistricting Plans (1994) article	
	149		Friedman & Holden, Optimal Gerrymandering: Sometimes Pack, but Never Crack (2008) article	
	150		Luc Anselin, Local Indicators of Spatial Association – LISA (1995) article	
	151		Tam Cho, Contagion Effects and Ethnic Contribution Networks (2003) article	
	152		Reardon & O’Sullivan, Measures of Spatial Segregation (2004) article	
	153		Denton & Massey, Hypersegregation in U.S. Metropolitan Areas: Black and Hispanic Segregation Along Five Dimensions (1989) article	
	154		Jowei Chen Amended Proposed Amicus Brief	
	155		Jowei Chen Wisconsin Analysis filed with Proposed Amicus Brief	
	156		Jowei Chen Wisconsin Act 43 Analysis, publicly available at http://www.umich.edu/~jowei/Wisconsin_Act_43_Analysis.pdf	

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	157		Jowei Chen Wisconsin Act 43 Analysis, publicly available, Figure 2	
	158		Jowei Chen Wisconsin Act 43 Analysis, publicly available, Figure 3	
	159		Jowei Chen Wisconsin Act 43 Analysis, publicly available, Figure 4	
	160		Jowei Chen Wisconsin Act 43 Analysis, publicly available, Figure 7	
	161		Transcript of Dr. Ronald Keith Gaddie deposition, dated March 9, 2016	
	162		Video deposition of Dr. Ronald Keith Gaddie, dated March 9, 2016	
	163		Notice of Videotaped Deposition to Dr. Gaddie	
	164		Green Lexar Flash Drive (produced by Gaddie at his March 9, 2016 deposition)	
	165		Transcript of Dr. Gaddie deposition from January 20, 2012 (<i>Baldus</i> litigation)	
	166		Video deposition of Dr. Ronald Keith Gaddie, dated January 20, 2012	
	167		Transcript of <i>Baldus</i> trial	
	168		Flash drive marked in <i>Baldus</i> as Ex. 57, produced by Dr. Gaddie January 20, 2012	
	169		Dr. Gaddie's engagement/retention letter, dated April 11, 2011	
	170		Flash drive produced at March 9, 2016 deposition of Dr. Gaddie with files recovered by Mark Lanterman from external hard drives	
	171		Photo of three hard drives	
	172		Plan comparisons spreadsheet (Plancomparisons.xlsm)	

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	173		Milwaukee_Gaddie_4_16_11_v1_B , Ex. 72 in <i>Baldus</i> January 20, 2012 deposition of Dr. Gaddie	
	174		Milwaukee_Gaddie_4_16_11_v1_B	
	175		Email string between Dr. Gaddie and Joe Handrick, Tad Ottman & Adam Foltz cced, dated April 20, 2011	
	176		Team Map chart (from Plan Comparisons.xlsm spreadsheet)	
	177		Partial version of Joint Final Pretrial Report (<i>Baldus</i> litigation)	
	178		Exhibit A to Joint Final Pretrial Report (<i>Baldus</i> litigation)	
	179		Transcript from Jeff Ylvisaker deposition, dated March 11, 2016	
	180		30(b)(6) Subpoena sent to the Wisconsin Legislative Technology Services Bureau, dated February 12, 2016	
	181		Video deposition of Jeff Ylvisaker, dated April 29, 2013	
	182		Transcript of Jeff Ylvisaker deposition (<i>Baldus</i> case), dated April 29, 2013	
	183		Email from Peter Earle to Eric McLeod re: evidence preservation, dated April 10, 2012	
	184		Chart created by Jeff Ylvisaker, tracking Foltz/Ottman computers	
			(exhibit 2 in Ylvisaker April 29, 2013 <i>Baldus</i> deposition)	
	185		LTSB configuration item dated February 18, 2016	
	186		Privilege log regarding LTSB decommissioning of redistricting computers, dated March 2016	
	187		<i>Baldus</i> 30(b)(6) subpoenas with work orders and configuration documents, dated April 2013	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
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	188		WRK32586 Responsive Spreadsheets File Detail Report.xlsx	
	189		WRK32586 External HD Responsive Spreadsheets File Detail Report.xlsx	
	190		WRK32587 Responsive Spreadsheets File Detail Report.xlsx	
	191		Transcript of Adam Foltz deposition, dated March 31, 2016	
	192		Video deposition of Adam Foltz, dated March 31, 2016	
	193		Subpoena for Adam Foltz to testify at a deposition, dated March 22, 2016	
	194		Flash drive and DVD produced by Adam Foltz, March 31, 2016	
	195		Transcript of Adam Foltz Deposition from <i>Baldus</i> case, dated December 21, 2011	
	196		Subpoena for Adam Foltz to testify at a deposition, dated December 13, 2011	
	197		Letter outlining Documents Produced in Response to Subpoena Issued by Plaintiffs to Adam Foltz/Foltz Privilege Log, dated December 21, 2011	
	198		Document produced by Foltz at December 21, 2011 deposition titled 2011-2012 Legislature SB 148 Memo 1	
	199		DVD identified as Adam Foltz Documents Responsive to December 13, 2011 subpoena	
	200		DVD identified as Adam Foltz Statewide Database	
	201		Order dated December 8, 2011 by U.S. District Judge J.P. Stadtmueller	
	202		Order dated December 20, 2011 by U.S. District Judge J.P. Stadtmueller	

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	No.	Witness		
	203		December 13, 2011 expert report of Ronald Keith Gaddie, Ph.D.	
	204		December 14, 2011 expert report of John Diex/Magellan Strategies BR	
	205		Transcript of Adam Foltz Deposition from <i>Baldus</i> case, dated February 1, 2012	
	206		Breakdown of Regions pdf	
	207		Email from Andy Speth to Judi Rhodes, Tad Ottman dated June 14, 2011	
	208		Email from Andy Speth to Judi Rhodes, Tad Ottman, Andy Gustofson, Adam Foltz, dated June 15, 2011	
	209		Email from Andy Speth to Tad Ottman, Adam Foltz, dated June 21, 2011	
	210		Email chain between Tad Ottman, Adam Foltz, and Michelle Litjens, dated July 7, 2011	
	211		Email from Andrew Welhouse dated July 8, 2011	
	212		Census data (exhibit 112 to February 1, 2012 Foltz deposition)	
	213		General Talking Points Memo by Foltz	
	214		Metadata document showing Adam Foltz as creator on June 20, 2011	
	215		Transcript of Adam Foltz 30(b)(6) Deposition from <i>Baldus</i> case, dated April 30, 2013	
	216		Transcript of Adam Foltz Deposition from <i>Baldus</i> case, dated April 30, 2013	
	217		Subpoena for Adam Foltz to appear at a deposition, dated April 22, 2013	
	218		Declaration of Adam Foltz, dated April 25, 2013	
	219		Supplement to Declaration, dated April 26, 2013	

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	220		Defendants Rule 26(a)(1) initial disclosures, <i>Whitford</i> litigation	
	221		<i>Baldus</i> opinion, 849 F. Supp. 2d 840 (E.D. Wis. 2012)	
	222		Transcript of March 23, 2016 <i>Whitford</i> motion hearing	
	223		Amended Mark Lanterman Declaration and DVD (image), dated March 18, 2016	
	224		Curriculum Vitae of Mark Lanterman	
	225		Computer Forensic Services DVD	
	226		Transcript of Tad Ottman deposition, dated March 31, 2016	
	227		Video deposition of Tad Ottman, dated March 31, 2016	
	228		Subpoena for Tad Ottman to testify at a deposition, dated March 22, 2016	
	229		Flash drive and DVD produced by Tad Ottman, March 31, 2016	
	230		Transcript of Tad Ottman Deposition in <i>Baldus</i> case, dated December 22, 2011	
	231		Letter Outlining Documents Produced in Response to Subpoena Issued by Plaintiffs to Tad Ottman/Privilege Log dated December 22, 2011	
	232		Documents Produced by Tad Ottman	
	233		DVD identified as Tad Ottman Documents Responsive to December 13, 2011 Subpoena	
	234		Subpoena for Tad Ottman to testify at a deposition, dated December 13, 2011	
	235		Emails containing information that was inadvertently redacted, July 8-11, 2011	
	236		Transcript of Tad Ottman Deposition in <i>Baldus</i> case, dated February 2, 2012	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
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	237		Ottman Questions and Responses Document (Ottman 000095 – 000096)	
	238		Current Map chart and emails between Tad Ottman and Andy Speth (Ottman 000117 – 000120)	
	239		Email from Leah Vukmir to Tad Ottman, dated May 4, 2011 (Ottman000131.pdf)	
	240		Current Assembly/Senate Chart MayQandD (Ottman 000144)	
	241		Ottman Talking Points Memo (Ottman000141.pdf)	
	242		Senate District Information (Ottman 000145 – 000161)	
	243		Confidentiality and Nondisclosure Related to Reapportionment Agreements between Michael, Best & Friedrich and 16 Senators	
	244		Confidentiality and Nondisclosure Related to Reapportionment Agreements between Michael, Best & Friedrich and 58 Assembly Representatives	
	245		Outline for Tad Ottman testimony (Ottman 000102 – 000103)	
	246		Transcript of Tad Ottman 30(b)(6) deposition in Baldus case, dated April 30, 2013	
	247		List of paid staff of Senator Fitzgerald June 1, 2012 through February 28, 2013	
	248		Emails and documents related to SB 150	
	249		Email from Tad Ottman to Ray Taffora, Jim Troupis, Adam Foltz, Eric McLeod re Timeline Update, dated June 30, 2011	

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	No.	Witness		
	250		Email from Eric McLeod to Jim Troupis, Ray Taffora, Adam Foltz, Tad Ottman re Amendment on Effective Date of Redistricting, dated October 10, 2011	
	251		Email from Senator Fitzgerald to Tad Ottman re ALEC Conference Call on Redistricting, dated January 20, 2011	
	252		March 5, 2012 Letter from Eric McLeod to Douglas Poland	
	253		March 8, 2012 Letter from Douglas Poland to Eric McLeod	
	254		March 13, 2012 Letter from Eric McLeod to Douglas Poland	
	255		March 15, 2012 Letter from Douglas Poland to Eric McLeod	
	256		Email from Joseph Olson to Douglas Poland and Eric McLeod, dated March 16 and 17, 2012	
	257		Letter from Michael, Best & Friedrich to Ottman re: Confidentiality and Nondisclosure Related to Reapportionment dated July 27, 2010	
	258		Letter from Douglas Poland to Joseph Olson and Eric McLeod, dated June 13, 2012	
	259		Transcript of Tad Ottman Deposition in <i>Baldus</i> case, dated April 30, 2013	
	260		Subpoena for Tad Ottman to appear at a deposition, dated April 22, 2013	
	261		Declaration of Tad Ottman, dated April 25, 2013	
	262		GOP Seats Senate.docx	
	263		C:\Users_afoltz\Desktop\Projects_Composite_Adam_Assertive_Curve.xlsx	
	264		C:\Users_afoltz\Desktop\Projects_Composite_Current_Curve.xlsx	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
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	265		C_Users_afoltz_Desktop_Projects_Composite_Joe_Assertive_Curve.xlsx	
	266		C_Users_afoltz_Desktop_Projects_Composite_Joe_Base_Curve.xlsx	
	267		C_Users_afoltz_Desktop_Projects_TadAggressiveCurve.xlsx	
	268		C_Users_afoltz_Desktop_Projects_Team_Map_Curve.xlsx	
	269		C_Users_Public_Documents_Senate_Current_Curve.xlsx	
	270		C_Users_tottman.WRK32587_Documents_Documents_Senate_Current_Curve.xlsx	
	271		C_Users_tottman.WRK32587_Documents_Documents_Tad_Senate_Assertive_Curve.xlsx	
	272		Composite_Adam_Assertive_Curve.xlsx	
	273		Composite_Current_Curve.xlsx	
	274		Composite_Joe_Assertive_Curve.xlsx	
	275		Composite_Joe_Base_Curve.xlsx	
	276		Senate_Current_Curve.xlsx	
	277		Senate_Current_Curve1.xlsx	
	278		Tad_Senate_Assertive_Curve.xlsx	
	279		Tad_Senate_Assertive_Curve1.xlsx	
	280		TadAggressiveCurve.xlsx	
	281		Team_Map_Curve_Senate.xlsx	
	282		Team_Map_Curve.xlsx	
	283		Summaries.xlsx	
	284		Summary.xlsx	
	285		C\Users\afoltz\Desktop\Workspace\Kessler\Kessler_Map_Data\asm.xls	
	286		C\Users\afoltz\Desktop\Workspace\Kessler\Pass1_Key.xls	
	287		C\Users\afoltz\Desktop\Workspace\Kessler\asm.xls	
	288		C\Users\afoltz\Desktop\Workspace\Kessler\asm_jobs.xls	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	289		C:\Users\afoltz\Desktop\Workspace\Kessler\Redistricting\Kessler_Plan_061407_080707\061407_080707_Final.xls	
	290		Transcript of Joseph Handrick deposition, dated December 20, 2011	
	291		Subpoena to Joseph Handrick from Douglas M. Poland, dated December 13, 2011	
	292		Packet of documents produced by Joseph Handrick via Eric M. McLeod pursuant to the subpoena	
	293		Population Totals	
	294		CD labeled Joe Handrick Draft Maps – Block Assignment Files	
	295		February 15, 2011 Letter to Don M. Millis and Joseph W. Handrick from Eric M. McLeod re: Retention of Joseph Handrick	
	296		February 17, 2011 Letter to Eric M. McLeod from Don M. Millis Engagement Letter	
	297		February 18, 2011 Letter to Eric M. McLeod from Don M. Millis Amended Engagement Letter	
	298		Bio of Joseph W. Handrick from the website of Reinhart	
	299		Joe Handrick's lobbyist license dated January 25, 2011	
	300		Excerpts from the book Born to Run by Ronald Keith Gaddie	
	301		Defendants' Amended Initial Rule 26(a) Disclosures in <i>Baldus</i>	
	302		Second Amended Complaint for Declaratory and Injunctive Relief in <i>Baldus</i>	
	303		Defendants' Answer and Affirmative Defenses to Second Amended Complaint for Declaratory and Injunctive Relief in <i>Baldus</i>	

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	304		Plaintiffs' First Set of Interrogatories and First Request for Production of Documents in <i>Baldus</i>	
	305		Chapter 801.17, Commencement of Action and Venue	
	306		Chapter 751, Supreme Court	
	307		December 2, 2011 to Kathleen Madden from Joseph Louis Olson with attached Amended Summons and Amended Complaint for Declaratory and Other Relief	
	308		Map entitled State of Wisconsin Act 43 Assembly Districts	
	309		Map entitled 2011 Act 44	
	310		Map entitled 2011 Act 43	
	311		Transcript of Joseph Handrick deposition, dated February 1, 2012	
	312		Letter from Eric M. McLeod to Douglas Poland with Supplemental Production in Response to Subpoenas Issued by Plaintiffs to Joe Handrick, Adam Foltz, and Tad Ottman, dated January 10, 2012	
	313		Letter from Eric M. McLeod to Douglas Poland with additional documents, dated January 11, 2012	
	314		Summary Core Constituency Report	
	315		Series of emails between Joseph Handrick and Jim Troupis, dated January 14, 2011	
	316		Series of emails between Joseph Handrick and Jim troupis, dated January 17, 2011	
	317		Series of emails between Joseph Handrick, Tad Ottman, dated January 25, 2011	
	318		Series of emails between Joseph Handrick and Jim Troupis, dated February 1, 2011	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
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	319		Emails between Joseph Handrick, Tad Ottman, dated February 14, 2011	
	320		Printout of menu of a disk	
	321		Transcript of Joseph Handrick deposition, dated April 30, 2013	
	322		Subpoena for Joseph Handrick to appear at a deposition dated April 22, 2013	
	323		Demonstrative Exhibit - Charts Tracking Vote Share, Seat Share, Efficiency Gap, and Efficiency Gap Durability for Draft Act 43 Plans	
	324		Demonstrative Exhibit - Charts Showing Efficiency Gap and Compliance with Traditional Criteria for Wisconsin Plans by Decade	
	325		Demonstrative Exhibit - Charts Showing Correlations Between Efficiency Gap and Alternative Measures of Partisan Gerrymandering	
	326		Demonstrative Exhibit - Charts Showing Time Trends of Efficiency Gap and Alternative Measures of Partisan Gerrymandering	
	327		Demonstrative Exhibit - Charts Showing Distributions of Efficiency Gap and Alternative Measures of Partisan Gerrymandering	
	328		Demonstrative Exhibit - Charts Showing Stability of Efficiency Gap and Alternative Measures of Partisan Gerrymandering	
	329		Demonstrative Exhibit - Charts Showing Values and Time Trends of Efficiency Gap and Alternative Measures of Partisan Gerrymandering for Wisconsin	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	330		Demonstrative Exhibit - Charts Showing Relationships Between Measures of Gerrymandering and Competitiveness	
	331		Wisconsin Legislative Council Act Memo: 2011 Wisconsin Act 39	
	332		Litigation in the 2010 Cycle, All About Redistricting, http://redistricting.lls.edu/cases.php	
	333		Bernard Grofman & Gary King, The Future of Partisan Symmetry as a Judicial Test for Partisan Gerrymandering After LULAC v. Perry (2007) article	
	334		Wisconsin State Legislature, Senate Bill 148: History, https://docs.legis.wisconsin.gov/2011/proposals/sb148	
	335		Joseph Handrick Timesheets April 13, 2011 to April 20, 2011	
	336		Joseph Handrick Timesheets May 25, 2011 to May 26, 2011	
	337		Joe_base_map.xlsx.pdf spreadsheet with printed metadata from Joseph Handrick's document production in January 2012	
	338		Joe_map_assert.xlsx.pdf spreadsheet with printed metadata from Joseph Handrick's document production in January 2012	
	339		Stipulation Regarding 30(b)(6) Depositions of the Legislative Technology Services Bureau and Wisconsin State Senate and Assembly, dated March 18, 2016	
	340		Plaintiffs' First Set of Requests for Admission and Attachments 1-9, dated February 5, 2016	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	341		Defendants' Response to Plaintiffs' First Set of Requests for Admission, dated March 7, 2016	
	342		Individual Legislator Memos and Maps from Adam Foltz to Republican Legislators (ADAMFOLZSUPPPROD000119.PDF)	
	343		Declaration of Mark Lanterman in <i>Baldus</i> , dated February 15, 2013	
	344		Declaration of Mark Lanterman in <i>Baldus</i> , dated March 11, 2013	
	345		Third Declaration of Mark Lanterman in <i>Baldus</i> , dated April 20, 2013	
	346		Email chain between Tad Ottman, Joseph Handrick, and Adam Foltz dated August 3, 2011 (Handrick000352.pdf)	
	347		Email chain between Eric McLeod, Tad Ottman, Adam Foltz, Sarah Troupis, Jim Troupis re: "Letters of Retention—Gaddie & Handrick," dated February 11, 2011 (from 11-CV-562 DISC 2012-02-17 Legislature Released Docs_MBF 000202.pdf)	
	348		Email from Jim Troupis to Eric McLeod, Adam Foltz, Tad Ottman, Sarah Troupis re: Experts and Bernard Grofman, dated June 21, 2011 (from 11-CV-562 DISC 2012-02-17 Legislature Released Docs_MBF 000202.pdf)	
	349		Email from Tad Ottman to Jim Troupis, Eric McLeod re: the "redistricting team," dated May 16, 2011 (from 11-CV-562 DISC 2012-02-17 Legislature Released Docs_MBF 000202.pdf)	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	350		Email from Tad Ottman to Eric McLeod, Jim Troupis, Raymond Taffora, Sarah Troupis, Adam Foltz re: Revised Timeline, dated July 8, 2011 (from 11-CV-562 DISC 2012-02-17 Legislature Released Docs_MBF 000202.pdf)	
	351		Email from Jim Troupis to Tad Ottman, Adam Foltz, Eric McLeod, Sarah Troupis re: "Gaddie & Hispanic," dated June 13, 2011 (from 11-CV-562 DISC 2012-02-17 Legislature Released Docs_MBF 000202.pdf)	
	352		Email chain between Tad Ottman, Eric McLeod, Jim Troupis, Adam Foltz re: Meeting with Joe Handrick, dated February 15, 2011 (from 11-CV-562 DISC 2012-02-17 Legislature Released Docs_MBF 000202.pdf)	
	353		Transcript of Proceedings, Joint Public Hearing on Wisconsin Redistricting Plan, dated July 13, 2011	
	354		June 20-24, 2011 Adam Foltz Legislator Meetings Schedule (ADAMFOLTZSUPPPROD000431.pdf)	
	355		Senate Motion to Hire Michael, Best & Friedrich and Troupis Law, dated January 3, 2011 (part of the record in <i>Baldus</i> , 11-cv-562, docket 81-2)	
	356		Assembly Motion to Hire Michael, Best & Friedrich dated January 4, 2011 (part of the record in <i>Baldus</i> , 11-cv-562, docket 81-3)	
	357		Letter from Democratic Leadership Protesting Hiring of Michael Best, & Friedrich, dated January 5, 2011 (part of the record in <i>Baldus</i> , 11-cv-562, docket 81-4)	

Date	Identification		Description	Offers, Objections, Rulings, Exceptions
	No.	Witness		
	358		Cartographic Boundary Shapefiles State Legislative Districts – Lower 2006	
	359		Cartographic Boundary Shapefiles State Legislative Districts – Census 2000	
	360		Email from Tad Ottman to Jim Troupis, Eric McLeod, Ray Taffora, Adam Foltz re drawing of districts, dated July 13, 2011	
	361		Email from Tad Ottman to Jim Troupis, Eric McLeod, Adam Foltz re: redistricting timeline, dated February 25, 2011	
	362		Email from Tad Ottman to Jim Troupis, Eric McLeod, Ray Taffora, Adam Foltz re: Hearing Memos, dated July 12, 2011	
	363		Foltz Population Deviation by Party Chart – Foltz00195	
	364		Tad MayQandD Chart – TADOTTMANSUPPPROD000094	
	365		Ottman MayQandD_base2 Chart – TADOTTMANSUPPPROD000095	
	366		Ottman Joe Assertive Chart - TADOTTMANSUPPPROD000097	
	367		Ottman MayQandD_NE Chart - TADOTTMANSUPPPROD000102 .pdf	
	368		Demonstrative Exhibit – Act 43 Showing District by District Maps	