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November 7, 2016

VIA ELECTRONIC FILING

Daniel P. Wolf
Executive Secretary
Minnesota Public Utilities Commission
121 Seventh Place East, Suite 350
St. Paul, MN 55101

Re: Reply Comments of Minnesota Energy Resources Corporation

In the Matter of the Petition of Minnesota Energy Resources Corporation-Northern Natural Gas for Approval of a Change in Demand Entitlement, Docket No. G011/M-16-650

Dear Mr. Wolf:

On October 28, 2016, the Department of Commerce, Division of Energy Resources ("Department") submitted comments in the above-referenced docket, requesting that MERC provide additional information regarding MERC's storage capacity additions, reconcile its design-day regression data, and provide further information regarding drivers of MERC-NNG's relatively low reserve margin.

On November 1, 2016, MERC submitted its update to its August 1, 2016, NNG Demand Entitlement filing, providing additional information requested by the Department with respect to MERC's storage capacity additions and the adequacy of MERC's reserve margin. MERC submits these Reply Comments to provide the reconciliation of design-day data as the Department requested.

At page 4 of its Comments, the Department noted that it had observed discrepancies in the historical data used for MERC's Rochester regression analysis compared to the data MERC submitted in Docket No. G011/M-15-895.¹ The Department provided the following table (Table 3) as an example of the discrepancies:

¹ As submitted with the Direct Testimony of Adam Heinen at DOC Ex. ___ AJH-7 (Heinen Direct).

Filing	Day	Total Throughput (Dth)	Total Vol. Interruptible (Dth)	Net Throughput (Dth)
Aug 1, 2016	01/06/14	112,774	21,593	91,181
Docket 15-895 ⁶		85,138	7,291	77,847
<i>difference</i>		27,636	14,302	13,334
Aug 1, 2016	02/05/14	112,565	33,122	79,443
Docket 15-895		84,877	18,873	66,004
<i>difference</i>		27,688	14,249	13,439
Aug 1, 2016	02/18/15	116,775	32,410	84,365
Docket 15-895		76,717	10,414	66,303
<i>difference</i>		40,058	21,996	18,062

The Department requested that MERC reconcile all of the information and provide a detailed explanation for any differences. Further, the Department requested that MERC explain if the reconciliation will impact the design-day analysis or schedules filed with MERC's Demand Entitlement Petition.

MERC has reviewed the differences between the design-day analysis filed August 1 and the data used in Docket No. G011/M-15-895 and determined that there are no errors or issues with either data set that would require changes to MERC's design day analysis. The data in both analyses is sound. Attachment 1 to these Reply Comments summarizes the total throughput and net throughput by gate station. The attachment also explains data differences for overlapping gate stations.

A majority of the difference between the two analyses is the geographic scope. The demand entitlement peak day analysis used data from the gate stations in the vicinity of the Rochester weather station. The Docket G011/M-15-895 filing relates to a smaller subset of gate stations. The analysis provided in Docket G011/M-15-895 also included Cannon Falls, which the demand entitlement peak day analysis placed in the Minneapolis region.

In some instances there are variances in the same gate station data such as for the days listed in Table 3 of the Department's Comments. The explanations for those variances are provided in Attachment 1. These variances relate to the data cleansing process MERC uses to prepare data for its peak day analysis. As MERC noted in its Petition, in preparing the regression we reviewed daily total metered throughput and to the extent possible, fixed missing or bad reads. If it was not

possible to fix the data, it was not included in the regressions. The Department noted at p. 4 of its Comments that MERC's approach was not unreasonable.

These same adjustments were not made to the data utilized to complete the regression in Docket No. G011/M-15-895. Rather, MERC utilized the data that was available at the time that filing was compiled and did not conduct the same process to adjust missing or bad reads. Additionally, there were some reads in which interruptible customers were "netted out" of the throughput in the Docket G011/M-15-895 filing. For MERC's August 1, 2016 Demand Entitlement filing, this data was provided so that total throughput includes all volumes.

Attachment 1, which provides a detailed reconciliation of the data used in MERC's August 1, 2016, peak day analysis and the data used in Docket No. G011/M-15-895, is filed separately. This reconciliation does not impact MERC's August 1, 2016, Petition. The nonpublic version of Attachment 1 contains trade secret information. Specifically, customer information that is not generally known to, and not readily ascertainable by vendors and competitors of MERC, who could obtain economic value from its disclosure. MERC maintains this information as secret. The nonpublic version Attachment 1 contain data which qualifies as "Trade Secret Data" pursuant to Minnesota Statutes Section 13.37 Subdivision 1(b).

MERC thanks the Department for its thorough and prompt review of the Initial Petition in this matter. Please contact me at (651) 322-8965 if you have any questions regarding the information in this filing.

Sincerely yours,

/s/ Amber S. Lee

Amber S. Lee
Regulatory and Legislative Affairs Manager
Minnesota Energy Resources Corporation

Enclosure

cc: Service List

In the Matter of the Petition of Minnesota
Energy Resources Corporation for Approval of
a Change in Demand Entitlement for its NNG-
System

Docket No. G011/M-16-650

CERTIFICATE OF SERVICE

I, Kristin M. Stastny, hereby certify that on the 7th day of November, 2016, on behalf of Minnesota Energy Resources Corporation (MERC) I electronically filed a true and correct copy of MERC's Reply Comments on www.edockets.state.mn.us. Said documents were also served via U.S. mail and electronic service as designated on the attached service list.

Dated this 7th day of November, 2016.

/s/ Kristin M. Stastny
Kristin M. Stastny

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Ties to August 1, 2016
G011/M-16-650

Gate Station	Throughput	1/6/2014		2/5/2014			Throughput
		Exclusions (*)	Net Volume	Throughput	Exclusions (*)	Net Volume	
ALDEN #1	362	44	319	295	23	272	296
ALTURA MN. TBS #1	285	0	285	233	0	233	221
BLOOMING PRAIRIE#1	1,397	220	1,177	1,339	319	1,020	1,447
BROWNSDALE #1	388	12	376	336	11	325	345
BYRON #1	2,409	159	2,250	1,970	121	1,849	2,071
CALEDONIA #1	1,813	91	1,722	1,440	77	1,363	1,592
CANTON #1	168		168	132		132	138
CHATFIELD #1	1,472	162	1,310	1,217	129	1,088	1,256
CLAREMONT #1	242	0	242	204	0	204	204
DODGE CENTER #1	3,183	1,557	1,626	3,077	1,679	1,398	2,731
DOVER #1	273		273	225		225	224
ELGIN #1	558	66	492	456	56	400	487
ELLEDALE #1	401		401	331		331	331
EMMONS MN #1	176		176	147		147	157
EMMONS MN #2	17		17	157		157	150
EYOTA #1	826	35	791	679	26	653	706
FOUNTAIN TBS #1	300	95	205	263	100	163	261
FREEBORN TBS #1	148		148	124		124	130
HARMONY #1	733	30	703	584	27	557	620
HAYFIELD #1	817	168	650	682	151	531	678
HAYFIELD MN #2	123		123	119		119	111
HAYWARD #1	157	0	157	130	0	130	133
HOUSTON #1	579	15	564	466	11	455	502
KASSON #1	3,307	119	3,188	2,757	106	2,651	2,865
KENYON #1	1,065	210	855	916	123	793	1,040
LA CRESCENT #1	2,341	95	2,247	1,849	69	1,780	2,003
LAKE BYLLESBY MN. TBS #1	153		153	129		129	126
LANESBORO #1	534	34	500	442	27	415	459
LANSING #1	114		114	99		99	99
LEWISTON #1	886	88	798	693	65	628	732
MABEL #1	522	52	470	413	37	376	438
NEW RICHLAND #1	689	45	645	571	175	396	596
OAKLAND #1	37	0	37	31	0	31	33
PETERSON TBS #1	131	0	131	106	0	106	108
PINE ISLAND #1	1,607	143	1,464	1,864	666	1,198	2,084
PLAINVIEW #1	1,828	403	1,425	1,988	701	1,287	2,221
PRESTON #1	4,527	3,718	809	4,878	4,206	672	4,830
ROCHESTER #1B	15,602		15,602	17,670		17,670	15,828
ROCHESTER #1D TBS	44,449	9,588	34,861	46,091	18,111	27,980	48,808
Glenville #1	3,664	3,654	10	4,736	4,659	77	4,120
RUSHFORD #1	965	55	910	797	43	754	875
SHERWOOD FOREST TBS	211		211	166		166	177
SHORE ACRES MN TBS #1	80		80	48		48	57
SPRING GROVE #1	982	123	859	976	270	706	993
SPRING VALLEY #1	1,458	40	1,418	1,196	32	1,164	1,219
ST CHARLES #1	1,738	95	1,643	1,410	71	1,339	1,457
STEELE TBS #1	42		42	47		47	48
STEWARTVILLE #1	2,617	154	2,463	2,222	188	2,034	2,579
STEWARTVILLE #2-	776		776	640		640	663
TWIN LAKES #1	78	0	78	67	0	67	67
UTICA #1	140	0	140	111	0	111	115
VIOLA #1	40		40	31		31	33
WALTHAM #1	74		74	62		62	62
WANAMINGO #1	589	0	589	474	0	474	531
WELLS #1	1,922	236	1,686	1,510	100	1,410	1,667
WEST CONCORD #1	478		478	390		390	397
ZUMBROTA #1	1,887	89	1,798	2,243	745	1,498	2,388
TILLER CORP TBS #1	0		0	0		0	0
TWIN CITY SILICA	124		124	15		15	315
	0		0	0		0	0
ALL AMERICAN CO-OP			0			0	
ZONE EF FARMTAPS	290		290	321		321	1,951
TOTAL	112,774	21,593	91,181	112,565	33,122	79,443	116,775

Summary

The data has been reconciled. It does not impact MERC's August 1, 2016 petition. The main difference between the analysis for the two filings is the geographic area. The August 1, st filing is for the NNG pipeline in the Rochester area weather station. The summary table shows many more gate stations in the August 1st filing. The department noted that fixing missing or bad reads does not seem unreasonable.

There are some instances where totals for the same gate station vary between the two filings. The following differences were identified. They are in alignment with the goal of enhancing the accuracy of the data.

Gate Station data differences

Dodge Center: Aug. 1 Design Day analysis shows higher interruptible loads on 2/18/2015 caused by:

Aug. 1 Design Day analysis shows higher interruptible loads on 2/18/2015 caused by:
Cust 4235034 has missing data in the G011/M-15-895 analysis

Pine Island:

The G011/M-15-895 analysis throughput numbers are close in Jan 6, 2014, but then are lower in Feb 5, 2014 and Feb 18, 2015. The G011/M-15-895 analysis used a throughput number that "netted" out the OSEU reads for Land O Lakes. These are also excluded from the interruptible loads. The Net Volumes match in both analysis. This is a case of excluding OSEU from both throughput and interruptible amounts.

Stewartville:

The G011/M-15-895 analysis throughput numbers net out the amount for an OSEU customer which affects throughput and interruptible amounts.

Rochester:

The G011/M-15-895 analysis throughput numbers net out the amount for an OSEU customers which affects throughput and interruptible amounts. 1/6/2014 G011/M-15-895 analysis had multiple missing or incomplete reads that were estimated in the August 1 analysis. Customers: 4121782, 4125934, 4212401, 4225176, 4258760, 4364564 added 4,845 Dth to the January 6, 2014 daily read in the August 1 analysis. There were two additional off system end user customers included in the MERC 16-1650 Demand Entitlement peak day analysis id points 5338 and 5481.

Zumbroto:

Feb 5, 2014 had slightly different reads between the interruptible data sets in the two analysis.
Feb 18, 2015 had lower throughput. The daily data was dropped from G011/M-15-895 analysis.

Kenyon:

The 16-650 Demand Entitlement peak day analysis has an additional interruptible customer 4349083.

Gate Station	ALTURA		BLOOMING	BROWNSD	CALEDONI	
	ALDEN #1	MN. TBS #1	PRAIRIE#1	ALE #1	BYRON #1	A #1
12/01/13	134	108	768	144	912	674
12/02/13	132	111	780	141	1,036	687
12/03/13	128	91	751	136	905	665
12/04/13	189	151	964	198	1,194	836
12/05/13	263	210	1,246	285	1,672	1,203
12/06/13	282	213	1,338	298	1,782	1,288
12/07/13	256	181	1,224	281	1,606	1,204
12/08/13	233	192	1,156	250	1,510	1,125
12/09/13	287	226	1,318	304	1,815	1,364
12/10/13	259	203	1,235	275	1,663	1,237
12/11/13	269	220	1,306	303	1,805	1,387
12/12/13	206	173	1,060	225	1,362	1,099
12/13/13	209	174	1,029	221	1,391	1,033
12/14/13	237	195	1,141	258	1,565	1,125
12/15/13	243	198	1,121	269	1,630	1,217
12/16/13	214	183	1,072	222	1,425	1,151
12/17/13	198	175	951	213	1,360	1,040
12/18/13	157	138	770	171	1,114	858
12/19/13	201	164	978	215	1,381	951
12/20/13	202	161	995	219	1,283	951
12/21/13	189	158	995	211	1,222	896
12/22/13	266	186	1,208	278	1,574	1,034
12/23/13	308	229	1,398	340	1,926	1,436
12/24/13	264	208	1,245	297	1,645	1,254
12/25/13	194	172	1,029	223	1,300	1,057
12/26/13	166	152	868	196	1,135	937
12/27/13	149	129	807	168	1,008	837
12/28/13	168	129	849	175	1,178	735
12/29/13	288	226	1,326	317	1,955	1,353
12/30/13	273	229	1,319	324	1,884	1,429
12/31/13	266	235	1,311	313	1,836	1,366
01/01/14	270	221	1,322	299	1,825	1,308
01/02/14	288	223	1,327	334	1,902	1,391
01/03/14	234	205	1,178	278	1,606	1,263
01/04/14	261	197	1,215	281	1,643	1,130
01/05/14	366	271	1,527	378	2,306	1,671
01/06/14	362	285	1,397	388	2,409	1,813
01/07/14	270	234	1,295	315	1,937	1,527
01/08/14	274	233	1,350	320	1,944	1,481
01/09/14	237	198	1,168	261	1,549	1,186
01/10/14	177	144	900	180	1,125	876
01/11/14	180	149	916	198	1,183	893

01/12/14	141	118	790	153	937	729
01/13/14	148	133	831	164	1,011	799
01/14/14	225	192	1,128	251	1,553	1,167
01/15/14	206	183	1,069	232	1,439	1,124
01/16/14	254	191	1,217	275	1,648	1,175
01/17/14	248	193	1,199	274	1,574	1,223
01/18/14	209	172	1,071	233	1,313	1,081
01/19/14	150	127	883	163	984	806
01/20/14	245	201	1,206	275	1,678	1,198
01/21/14	271	215	1,290	302	1,825	1,358
01/22/14	316	240	1,429	338	2,084	1,567
01/23/14	295	237	1,387	330	2,055	1,568
01/24/14	207	167	946	209	1,354	1,131
01/25/14	233	193	1,158	260	1,554	1,242
01/26/14	262	223	1,391	308	1,798	1,394
01/27/14	289	245	1,435	348	2,042	1,601
01/28/14	278	195	1,364	329	1,944	1,546
01/29/14	198	142	1,049	233	1,407	1,115
01/30/14	241	156	1,159	262	1,601	1,201
01/31/14	247	168	1,160	285	1,673	1,278
02/01/14	244	164	1,120	283	1,592	1,205
02/02/14	243	166	1,165	291	1,617	1,286
02/03/14	215	151	1,132	259	1,556	1,172
02/04/14	257	163	1,209	288	1,694	1,220
02/05/14	295	233	1,339	336	1,970	1,440
02/06/14	289	192	1,357	327	1,915	1,462
02/07/14	259	177	1,251	290	1,728	1,347
02/08/14	231	163	1,140	279	1,539	1,215
02/09/14	273	182	1,286	321	1,825	1,341
02/10/14	281	223	1,371	325	1,884	1,417
02/11/14	258	206	1,257	300	1,686	1,309
02/12/14	206	136	1,063	228	1,351	1,076
02/13/14	229	163	1,163	253	1,594	1,182
02/14/14	243	161	1,175	280	1,591	1,210
02/15/14	231	150	1,121	266	1,467	1,125
02/16/14	210	132	1,023	231	1,283	971
02/17/14	162	127	972	199	1,239	976
02/18/14	132	94	819	159	959	729
02/19/14	120	81	733	141	867	681
02/20/14	179	115	932	201	1,202	901
02/21/14	190	147	1,026	231	1,422	1,114
02/22/14	202	156	1,047	247	1,397	1,108
02/23/14	217	161	1,120	259	1,527	1,183
02/24/14	238	196	1,199	273	1,619	1,206
02/25/14	280	228	1,347	312	1,877	1,410
02/26/14	273	226	1,344	312	1,895	1,470
02/27/14	287	225	1,382	326	1,931	1,446

02/28/14	245	166	1,201	266	1,630	1,233
12/01/14	246	160	1,261	270	1,628	1,203
12/02/14	202	140	1,048	216	1,382	973
12/03/14	185	135	984	209	1,320	962
12/04/14	161	110	864	172	1,078	837
12/05/14	146	103	845	170	1,022	758
12/06/14	147	106	847	170	1,003	767
12/07/14	148	103	846	164	983	782
12/08/14	177	114	913	187	1,179	827
12/09/14	165	115	836	173	1,113	825
12/10/14	157	111	873	181	1,129	814
12/11/14	146	105	877	166	1,074	831
12/12/14	128	95	815	150	1,042	711
12/13/14	92	68	625	113	642	525
12/14/14	78	56	551	92	566	456
12/15/14	120	70	724	123	789	530
12/16/14	214	134	1,090	222	1,361	937
12/17/14	190	134	1,015	216	1,367	977
12/18/14	171	126	950	205	1,285	917
12/19/14	157	116	837	178	1,094	812
12/20/14	146	104	784	170	977	741
12/21/14	135	96	740	145	944	700
12/22/14	136	92	778	143	946	742
12/23/14	136	93	782	146	937	697
12/24/14	154	97	756	157	895	704
12/25/14	130	90	727	155	844	668
12/26/14	160	91	794	164	966	608
12/27/14	208	140	970	228	1,315	900
12/28/14	199	133	975	220	1,325	909
12/29/14	261	172	1,221	290	1,785	1,228
12/30/14	293	199	1,379	312	1,929	1,399
12/31/14	246	189	1,228	289	1,702	1,250
01/01/15	181	138	994	215	1,274	969
01/02/15	181	120	1,015	209	1,225	860
01/03/15	194	129	1,013	216	1,278	864
01/04/15	295	205	1,423	327	1,989	1,431
01/05/15	292	204	1,405	328	1,977	1,510
01/06/15	302	209	1,472	331	1,954	1,447
01/07/15	317	221	1,500	348	2,093	1,611
01/08/15	277	213	1,425	323	1,955	1,510
01/09/15	287	204	1,336	330	1,904	1,454
01/10/15	227	172	1,171	280	1,578	1,186
01/11/15	215	158	1,146	255	1,518	1,086
01/12/15	281	188	1,361	313	1,905	1,349
01/13/15	231	167	1,188	267	1,610	1,210
01/14/15	191	139	991	219	1,316	1,027

01/15/15	161	109	913	190	1,113	843
01/16/15	146	106	836	169	1,060	798
01/17/15	154	105	836	168	972	730
01/18/15	135	93	787	163	945	739
01/19/15	130	100	779	158	991	813
01/20/15	139	102	796	160	1,034	807
01/21/15	166	107	888	179	1,127	820
01/22/15	177	123	912	198	1,224	912
01/23/15	153	106	810	172	997	813
01/24/15	125	82	715	137	797	642
01/25/15	158	109	855	179	1,081	863
01/26/15	122	98	737	139	892	841
01/27/15	146	110	837	166	1,045	858
01/28/15	153	109	875	172	1,117	835
01/29/15	192	140	1,059	214	1,352	984
01/30/15	173	133	951	200	1,224	940
01/31/15	174	127	939	201	1,199	876
02/01/15	231	173	1,179	273	1,660	1,198
02/02/15	237	171	1,220	269	1,661	1,255
02/03/15	215	158	1,120	249	1,504	1,168
02/04/15	242	174	1,249	290	1,757	1,292
02/05/15	228	179	1,213	276	1,676	1,250
02/06/15	167	124	921	197	1,182	914
02/07/15	125	97	736	150	911	719
02/08/15	142	105	814	162	1,048	823
02/09/15	153	115	896	188	1,162	923
02/10/15	193	134	1,008	217	1,280	944
02/11/15	245	172	1,271	280	1,685	1,200
02/12/15	231	175	1,256	286	1,667	1,263
02/13/15	207	167	1,102	248	1,486	1,161
02/14/15	252	197	1,276	310	1,815	1,364
02/15/15	247	175	1,244	284	1,709	1,253
02/16/15	227	158	1,211	256	1,610	1,187
02/17/15	271	189	1,360	290	1,844	1,359
02/18/15	296	221	1,447	345	2,071	1,592
02/19/15	246	189	1,299	292	1,751	1,396
02/20/15	190	157	1,026	213	1,385	1,096
02/21/15	245	162	1,162	260	1,560	1,091
02/22/15	280	206	1,366	317	1,958	1,440
02/23/15	236	189	1,186	272	1,661	1,347
02/24/15	187	145	1,028	213	1,346	1,067
02/25/15	236	178	1,228	267	1,675	1,259
02/26/15	274	187	1,313	306	1,794	1,379
02/27/15	250	188	1,253	285	1,705	1,349
02/28/15	229	165	1,164	256	1,527	1,175
12/01/15	150	97	795	153	1,051	738
12/02/15	150	90	818	145	983	704

12/03/15	157	85	867	157	1,011	676
12/04/15	126	73	745	130	810	585
12/05/15	121	65	685	120	724	552
12/06/15	126	66	714	124	798	525
12/07/15	124	77	746	128	825	623
12/08/15	117	74	739	124	830	598
12/09/15	100	62	705	109	706	489
12/10/15	114	70	739	120	776	556
12/11/15	110	68	710	110	772	553
12/12/15	109	63	580	100	673	487
12/13/15	116	62	666	114	761	455
12/14/15	132	82	811	142	978	598
12/15/15	143	82	772	144	950	649
12/16/15	167	107	883	169	1,154	787
12/17/15	189	125	1,020	201	1,292	918
12/18/15	213	146	1,091	238	1,529	1,060
12/19/15	176	117	897	197	1,169	895
12/20/15	124	73	717	128	835	596
12/21/15	148	87	891	151	984	678
12/22/15	160	95	894	168	1,006	732
12/23/15	151	105	856	163	1,030	713
12/24/15	148	104	837	161	1,038	758
12/25/15	159	100	847	168	1,082	735
12/26/15	161	106	841	168	1,112	755
12/27/15	207	121	1,020	216	1,363	851
12/28/15	198	139	1,074	214	1,446	1,014
12/29/15	173	111	977	176	1,243	859
12/30/15	190	123	1,054	195	1,366	894
12/31/15	194	134	1,023	225	1,391	960
01/01/16	188	128	958	200	1,340	933
01/02/16	179	115	934	192	1,254	859
01/03/16	176	121	951	191	1,339	876
01/04/16	213	124	1,019	217	1,412	970
01/05/16	191	121	1,048	213	1,308	905
01/06/16	160	102	941	172	1,154	798
01/07/16	140	88	841	155	1,048	722
01/08/16	189	98	984	173	1,187	729
01/09/16	280	179	1,332	302	1,946	1,216
01/10/16	279	199	1,334	320	2,080	1,439
01/11/16	294	191	1,327	306	1,964	1,412
01/12/16	289	202	1,378	312	2,034	1,477
01/13/16	194	150	1,103	225	1,523	1,103
01/14/16	164	118	947	183	1,257	842
01/15/16	238	143	1,138	240	1,553	1,015
01/16/16	307	201	1,401	328	2,055	1,375
01/17/16	320	218	1,474	352	2,210	1,575
01/18/16	296	211	1,466	343	2,138	1,540

01/19/16	264	178	1,299	290	1,872	1,282
01/20/16	208	145	1,117	227	1,535	1,083
01/21/16	183	133	989	214	1,394	989
01/22/16	193	131	994	206	1,374	986
01/23/16	195	132	982	207	1,372	923
01/24/16	159	112	846	179	1,180	872
01/25/16	180	120	918	196	1,276	917
01/26/16	185	126	948	212	1,387	962
01/27/16	160	114	828	180	1,197	841
01/28/16	162	125	921	185	1,296	908
01/29/16	156	117	857	182	1,160	855
01/30/16	128	80	735	147	900	847
01/31/16	131	91	795	159	1,002	824
02/01/16	135	86	855	176	1,120	802
02/02/16	177	116	966	193	1,253	786
02/03/16	202	138	1,075	240	1,545	777
02/04/16	201	133	1,068	230	1,476	1,209
02/05/16	184	124	946	209	1,324	1,197
02/06/16	156	104	823	171	1,110	1,186
02/07/16	176	109	958	185	1,208	1,163
02/08/16	252	167	1,242	266	1,731	1,174
02/09/16	239	169	1,227	281	1,751	1,249
02/10/16	223	165	1,187	264	1,774	1,245
02/11/16	211	147	1,089	242	1,587	1,140
02/12/16	257	181	1,242	282	1,869	1,298
02/13/16	252	167	1,204	273	1,701	1,209
02/14/16	214	151	1,112	237	1,527	1,092
02/15/16	151	121	890	177	1,178	928
02/16/16	163	113	894	182	1,280	884
02/17/16	177	113	932	190	1,250	861
02/18/16	156	99	826	152	1,083	740
02/19/16	125	89	742	128	942	670
02/20/16	123	85	772	130	952	593
02/21/16	125	76	774	138	932	627
02/22/16	131	83	785	141	971	711
02/23/16	136	89	782	149	1,009	668
02/24/16	152	103	791	162	1,093	768
02/25/16	157	101	846	169	1,118	789
02/26/16	121	90	684	137	915	728
02/27/16	81	56	509	99	582	426
02/28/16	143	93	807	153	1,037	661
02/29/16	167	113	930	185	1,259	826

CANTON #1	CHATFIELD #1	CLAREMO NT #1	DODGE CENTER #1	DOVER #1	ELGIN #1	ELLENDAL E #1	EMMONS MN #1
59	577	98	1,318	104	273	157	71
59	589	92	1,632	103	288	173	67
58	571	93	1,658	106	366	164	64
80	726	130	2,056	133	388	218	94
113	1,000	181	2,782	196	476	295	128
119	1,063	195	2,638	205	512	314	138
110	970	178	2,288	186	390	280	124
103	907	157	2,075	172	356	265	115
129	1,106	190	2,755	209	413	309	131
110	997	172	2,694	189	447	286	119
128	1,093	190	2,872	207	493	308	134
99	834	146	2,319	158	443	235	104
99	800	153	2,296	160	455	240	100
108	909	170	2,307	176	370	268	119
110	986	173	2,337	190	390	274	122
99	888	149	2,276	171	509	239	104
94	842	143	2,244	172	386	225	96
73	704	120	1,937	128	353	185	76
87	764	148	2,192	148	559	238	100
85	748	137	2,028	145	396	226	101
83	716	140	1,728	133	277	220	99
101	899	174	2,264	167	343	297	135
136	1,203	210	2,578	219	460	351	154
121	1,039	186	2,055	196	398	307	133
95	849	148	1,686	158	323	233	99
80	754	127	1,776	142	298	195	85
74	635	113	1,480	119	266	168	75
73	599	121	1,421	113	240	181	87
129	1,152	201	2,373	218	444	325	148
130	1,208	197	2,439	221	454	321	141
128	1,164	199	2,360	221	452	325	139
118	1,111	196	2,310	205	431	322	137
127	1,180	205	2,779	222	451	331	145
116	981	182	2,363	195	370	278	117
112	956	182	2,453	185	373	298	135
159	1,354	240	2,959	261	522	396	177
168	1,472	242	3,183	273	558	401	176
132	1,247	197	2,827	227	463	326	139
132	1,272	203	2,915	232	483	324	140
105	975	172	2,429	185	368	275	116
73	698	123	1,754	132	270	198	92
82	702	132	1,740	131	279	205	95

63	571	100	1,340	107	226	166	73
69	622	107	1,733	119	278	186	77
105	932	164	2,470	179	455	264	119
101	880	152	2,329	169	427	248	103
107	971	178	2,629	182	364	288	129
111	986	168	2,416	189	376	277	122
99	810	147	1,926	152	324	236	109
68	610	112	1,477	114	244	177	79
109	1,003	180	2,664	189	379	285	123
124	1,113	193	2,905	206	416	313	136
144	1,246	219	3,212	231	463	355	162
147	1,253	210	3,109	236	477	354	150
99	824	150	2,082	159	319	232	105
114	958	165	2,286	189	373	274	120
138	1,073	201	2,568	214	412	332	148
150	1,230	225	3,279	246	466	373	163
140	1,185	204	3,207	230	419	338	143
102	853	153	2,303	165	275	230	97
108	960	175	2,644	181	329	275	121
114	1,064	180	2,702	199	368	287	123
111	986	174	2,396	184	380	274	123
118	1,087	182	2,499	192	393	280	121
102	975	169	2,610	182	370	263	108
112	1,037	187	2,782	191	388	297	130
132	1,217	204	3,077	225	456	331	147
134	1,198	203	3,021	222	447	327	144
123	1,104	189	2,728	199	420	294	126
109	1,058	170	2,373	186	395	259	119
124	1,127	197	2,736	209	435	314	141
128	1,230	200	3,012	222	459	322	144
123	1,074	189	2,703	202	408	295	127
99	853	152	2,308	163	325	240	102
104	958	175	2,673	183	371	266	114
110	990	182	2,542	188	383	279	124
102	915	165	2,276	167	355	254	115
93	785	152	2,039	149	308	241	104
84	811	132	2,000	147	294	208	83
60	607	108	1,681	109	227	168	69
58	526	95	1,602	95	207	152	62
84	737	135	1,895	134	263	222	95
100	852	164	2,102	160	344	246	104
104	859	160	2,208	161	351	244	107
104	932	170	2,287	174	361	259	111
107	982	174	2,643	177	379	288	118
131	1,151	203	2,911	210	433	325	139
136	1,144	206	2,914	216	434	324	136
131	1,218	209	3,060	223	466	329	141

108	982	184	2,632	186	383	279	123
111	1,052	175	2,624	180	364	309	123
85	892	142	2,344	146	324	312	102
84	853	133	2,179	143	641	261	95
72	684	115	1,816	118	270	220	81
66	642	107	1,702	110	452	196	78
69	612	112	1,539	112	252	173	75
68	592	108	1,393	110	232	176	77
74	734	121	1,950	127	553	209	94
70	745	112	1,917	127	290	222	83
69	689	112	1,864	123	469	209	83
70	648	109	1,736	118	243	179	78
62	566	99	1,482	100	211	186	68
46	385	73	1,105	71	157	106	48
38	346	60	961	63	136	91	40
48	462	82	1,408	76	153	217	62
86	787	140	2,234	142	282	277	111
85	825	136	2,343	145	296	249	99
77	787	126	2,137	131	270	205	91
72	686	113	1,782	117	235	196	85
69	586	107	1,522	107	215	169	77
63	547	97	1,381	104	199	155	68
60	596	96	1,592	103	273	160	70
61	571	97	1,573	102	235	158	70
63	576	100	1,399	107	203	168	75
57	581	93	1,342	103	193	154	70
57	574	107	1,477	104	204	172	81
91	785	141	1,906	151	278	217	103
85	819	145	1,892	152	301	218	97
120	1,060	181	2,491	194	383	285	129
134	1,169	197	2,737	214	445	324	147
118	1,022	176	2,134	191	402	288	129
84	799	138	1,681	148	315	220	94
77	711	133	1,647	131	293	228	94
85	722	143	1,671	135	297	226	103
134	1,154	206	2,578	220	461	328	152
130	1,226	205	2,734	220	454	323	148
133	1,178	209	2,780	213	448	337	153
143	1,253	219	2,953	230	473	342	156
134	1,172	205	2,655	215	434	318	146
133	1,151	200	2,546	212	438	315	144
108	979	171	2,114	181	364	264	118
98	924	161	2,129	171	358	249	111
120	1,203	194	2,773	214	449	309	140
106	997	165	2,381	181	376	262	116
89	803	135	2,012	143	301	214	100

74	690	119	1,766	117	258	189	85
72	640	115	1,531	112	246	173	75
66	579	106	1,298	101	234	167	77
63	631	102	1,326	112	237	154	73
66	642	96	1,466	112	233	153	69
65	627	104	1,463	109	238	164	73
71	667	114	1,595	115	251	182	87
83	719	127	1,752	133	272	196	95
71	638	108	1,433	114	243	172	82
57	507	92	1,157	89	204	146	65
72	659	116	1,434	120	257	183	81
63	568	91	1,279	105	216	157	64
75	669	107	1,483	121	249	176	78
72	649	113	1,507	123	247	182	83
90	806	136	1,922	147	297	221	103
84	739	126	1,629	136	285	197	89
82	699	131	1,504	130	279	204	91
111	973	176	1,987	182	374	270	121
110	1,028	171	2,313	182	376	275	121
98	934	157	2,128	163	341	250	112
117	1,055	180	2,423	186	386	286	127
116	1,000	174	2,265	181	373	266	118
81	723	124	1,601	129	276	203	85
60	580	98	1,242	104	231	153	64
70	648	108	1,344	116	249	167	72
79	750	119	1,628	131	268	191	84
84	771	135	1,792	138	288	215	97
113	980	174	2,245	176	364	281	131
115	1,050	169	2,288	186	386	263	119
104	895	154	1,953	165	338	240	105
129	1,107	189	2,221	206	412	282	132
113	1,033	176	2,097	191	375	278	130
104	944	162	2,133	167	363	258	118
122	1,101	189	2,445	191	419	297	138
138	1,256	204	2,731	224	487	331	157
121	1,102	178	2,349	194	426	284	125
97	848	144	1,767	150	337	222	99
104	917	167	1,947	164	362	259	125
132	1,213	201	2,425	217	469	310	147
120	1,036	175	2,199	188	400	271	123
91	827	144	1,875	146	322	221	101
109	1,045	174	2,330	177	392	272	122
124	1,155	195	2,518	197	426	305	142
126	1,143	186	2,324	195	412	292	134
108	942	173	1,988	172	366	259	119
19	621	95	1,516	103	236	171	74
27	568	94	1,435	93	218	170	72

28	568	100	1,515	91	213	175	74
25	444	85	1,127	74	176	144	60
24	404	79	968	69	165	136	57
22	452	78	976	76	178	139	61
25	481	77	1,098	83	186	149	58
23	502	77	1,064	82	186	141	58
19	410	66	1,028	65	154	122	48
23	436	68	1,112	73	159	133	56
22	412	74	1,068	75	175	131	54
22	379	70	903	68	157	109	49
20	406	80	947	72	165	132	55
24	545	98	1,336	91	207	166	68
27	530	91	1,298	91	205	159	68
35	636	116	1,523	110	245	191	82
40	727	127	1,770	129	282	215	90
48	847	153	1,909	156	337	246	109
40	672	129	1,418	121	273	202	87
24	466	91	1,069	83	186	144	60
28	564	98	1,371	95	209	174	72
31	582	103	1,402	102	226	180	77
31	609	106	1,379	105	232	181	76
32	599	103	1,190	106	237	178	75
33	595	109	1,216	102	236	188	81
34	587	113	1,261	107	242	185	81
39	727	129	1,560	134	298	230	104
44	789	141	1,900	142	309	246	100
35	695	117	1,639	117	263	198	84
38	772	124	1,839	130	292	220	95
43	784	136	1,713	138	316	236	100
42	727	128	1,529	135	302	225	97
39	665	124	1,456	120	280	208	90
38	723	122	1,562	131	296	205	89
42	786	139	1,893	137	311	234	99
41	723	132	1,872	131	283	214	89
33	642	108	1,635	109	244	187	76
28	572	97	1,425	96	219	165	70
33	607	115	1,595	106	244	201	91
61	1,018	189	2,264	193	407	311	144
65	1,192	195	2,366	219	462	323	141
60	1,117	187	2,493	197	431	308	134
63	1,184	192	2,631	211	464	312	133
43	897	141	2,100	154	350	229	93
34	703	123	1,808	121	290	199	80
48	839	153	2,036	156	335	266	121
65	1,123	200	2,457	218	468	337	152
71	1,280	212	2,579	240	515	353	157
65	1,298	199	2,766	233	512	341	145

54	1,103	176	2,555	196	415	306	126
44	887	144	2,114	153	335	250	102
40	813	130	1,979	140	308	222	91
42	772	131	1,952	136	305	224	96
43	740	133	1,790	134	296	221	96
36	691	111	1,483	120	264	186	81
38	737	123	1,790	128	273	212	92
40	796	126	1,857	136	293	215	92
36	671	110	1,569	114	255	191	82
38	779	117	1,675	132	290	199	83
37	680	113	1,529	119	263	186	80
27	502	87	1,155	83	199	148	65
30	595	91	1,268	102	226	154	67
31	609	103	1,556	101	236	172	70
36	695	129	1,474	123	268	212	89
45	880	143	2,000	152	331	236	102
44	875	139	2,049	146	320	234	102
41	756	128	1,732	129	294	209	92
37	610	112	1,445	110	241	175	79
36	664	120	1,572	118	262	199	91
52	978	171	2,308	173	367	278	123
54	1,027	169	2,389	181	384	275	122
53	1,073	166	2,491	184	402	268	114
48	938	152	2,245	159	353	249	108
58	1,048	182	2,463	192	418	291	127
56	982	167	2,213	182	393	278	125
47	884	149	2,020	159	342	246	106
36	726	109	1,688	121	267	182	75
36	750	115	1,810	128	284	194	82
36	725	119	1,815	120	275	206	87
32	577	108	1,539	103	233	174	75
31	506	88	1,266	89	205	151	64
26	519	90	1,246	88	216	147	62
26	525	88	1,240	90	209	146	63
27	580	88	1,408	92	218	156	68
28	567	94	1,477	99	219	163	68
32	629	99	1,549	106	240	176	76
33	628	104	1,646	109	240	188	79
30	541	84	1,331	96	209	139	60
20	342	60	940	58	140	90	39
30	561	98	1,329	100	230	162	73
36	699	118	1,794	119	266	205	83

EMMONS MN #2	EYOTA #1	FOUNTAIN TBS #1	FREEBORN TBS #1	HARMONY #1	HAYFIELD #1	HAYFIELD MN #2	HAYWARD #1
4	311	184	54	296	352	64	59
5	302	211	53	383	435	77	54
4	327	146	50	425	345	77	52
8	401	170	79	391	492	95	83
16	569	235	110	501	594	118	111
13	603	323	121	538	644	90	122
107	533	195	105	510	587	59	110
144	517	175	96	472	545	94	103
13	623	252	113	556	644	117	116
69	567	241	104	496	645	117	106
57	617	246	116	559	640	117	117
138	463	220	83	444	582	113	89
9	464	207	88	427	538	82	93
93	511	151	103	463	722	59	108
150	556	184	102	488	653	100	108
9	503	223	88	446	571	113	91
107	474	207	79	410	573	100	89
63	382	176	63	331	643	91	66
24	442	190	85	382	730	105	89
70	419	153	84	391	616	78	87
132	405	113	84	381	593	46	92
122	507	184	115	453	576	104	115
64	658	236	132	591	704	100	135
101	576	174	112	532	611	59	118
55	468	167	80	427	489	59	84
70	398	178	68	371	653	55	75
78	340	131	59	339	407	32	66
7	331	95	73	311	390	32	75
15	642	214	124	559	702	86	130
12	655	257	120	569	670	104	125
21	651	199	121	557	669	63	125
151	624	205	119	541	654	81	124
162	637	242	130	551	688	123	129
152	546	216	100	515	585	109	109
118	521	154	114	484	599	95	121
32	775	254	154	680	794	123	161
17	826	300	148	733	817	123	157
14	668	262	120	593	672	119	123
13	677	263	123	583	670	124	125
11	538	228	95	484	556	120	107
52	392	145	73	353	394	83	78
75	405	115	74	367	421	84	84

6	333	122	57	297	344	88	64
7	361	163	59	314	361	89	68
12	540	219	98	452	545	116	104
9	510	216	84	450	503	102	91
13	552	229	106	468	595	110	116
49	551	201	100	487	571	105	110
161	458	143	86	436	495	86	99
149	348	140	59	328	373	73	68
124	569	223	110	479	581	100	115
105	632	253	114	552	636	96	117
119	709	284	135	608	709	128	146
118	703	287	127	630	711	124	131
102	477	184	80	439	479	96	93
68	541	167	97	500	530	87	114
16	633	202	125	573	571	96	135
17	724	259	136	658	679	96	144
14	673	276	123	611	676	133	131
14	487	211	79	448	501	132	87
145	543	218	102	477	568	123	109
161	574	209	103	514	598	119	110
158	530	160	103	493	585	101	114
160	558	197	101	519	594	59	110
147	536	220	92	468	540	114	95
157	561	233	114	497	591	118	116
157	679	263	124	584	682	119	130
155	664	267	121	597	679	118	124
144	592	211	103	538	608	86	113
141	541	158	98	491	571	77	109
170	629	216	117	559	658	77	125
160	652	258	124	587	673	118	127
115	583	241	106	536	617	109	111
132	466	200	86	437	496	96	89
158	538	223	94	476	561	111	102
14	539	201	100	486	574	69	111
131	501	154	92	466	546	64	103
156	431	162	89	400	488	82	93
155	427	179	67	391	434	95	77
144	321	156	55	294	346	77	62
114	287	151	49	271	313	91	55
9	416	139	78	371	436	37	89
9	489	144	85	436	503	36	97
8	488	142	89	447	514	36	98
19	528	191	92	480	542	87	101
169	540	225	102	489	576	124	107
264	630	260	122	573	653	134	127
253	628	259	117	589	651	129	120
263	640	253	123	574	677	129	128

160	532	198	104	485	571	106	105
19	557	219	108	766	777	79	104
123	463	200	85	740	463	9	80
141	444	252	79	670	431	51	82
124	443	216	64	407	583	60	64
65	369	122	60	348	622	79	61
12	332	143	59	321	683	33	63
15	334	143	60	322	516	32	64
16	390	200	74	349	405	32	72
14	388	176	68	359	367	32	64
60	371	173	66	338	407	32	62
140	357	179	60	340	563	32	60
76	308	107	51	361	320	32	54
135	214	62	37	308	242	32	39
20	192	87	30	215	207	32	34
11	251	141	49	257	272	32	47
117	442	188	89	395	465	32	88
145	451	189	79	397	477	32	80
121	410	183	70	381	422	32	73
140	360	133	65	339	376	32	67
51	321	96	59	320	351	32	63
110	307	111	54	295	324	32	56
127	309	150	56	289	324	33	55
133	316	117	54	286	321	33	56
19	325	79	58	305	330	33	59
13	312	43	52	286	318	33	56
119	317	81	60	274	343	33	66
16	431	124	84	401	457	32	90
108	444	160	80	398	458	32	86
113	592	230	107	503	599	32	110
145	649	267	122	584	660	32	125
112	587	204	104	544	585	32	111
133	445	129	73	412	455	37	85
125	397	111	76	373	427	37	79
139	405	127	85	388	446	37	88
139	667	204	124	594	679	37	132
141	685	226	124	596	672	37	125
140	660	243	127	597	685	37	129
138	707	210	132	637	705	37	134
112	656	172	121	611	672	115	126
46	646	214	120	598	661	116	130
140	523	158	98	501	560	116	110
134	513	178	94	471	527	116	102
118	643	237	119	565	643	118	126
137	544	211	94	479	545	116	99
121	443	182	78	415	591	116	86

114	373	158	66	350	692	116	74
127	344	128	57	336	615	115	67
24	321	96	59	315	344	116	70
8	332	123	55	302	338	116	64
10	344	149	50	320	328	116	63
117	347	150	56	307	948	116	63
129	367	157	69	324	1,009	116	73
142	407	166	74	370	926	116	79
137	355	129	60	334	964	116	69
73	282	77	50	264	304	116	54
65	365	129	63	331	408	116	74
8	317	138	47	303	889	116	51
127	366	150	59	330	978	116	65
130	367	148	61	330	958	116	69
35	447	180	79	397	1,055	116	85
14	407	132	70	389	942	116	76
29	393	108	75	359	410	116	81
120	550	158	101	498	553	93	114
66	557	191	102	491	565	78	105
132	512	197	93	458	1,006	83	93
149	569	220	107	508	1,098	92	114
146	561	208	98	513	1,150	92	99
124	395	127	67	365	966	92	74
146	317	85	49	288	320	92	56
215	363	129	58	327	362	65	64
139	404	156	62	364	825	56	68
139	432	170	77	385	981	84	81
138	557	211	106	478	871	97	108
144	575	213	98	506	548	97	99
108	503	176	85	456	1,106	56	91
137	600	186	106	558	689	60	115
143	566	198	107	516	580	79	112
138	530	202	97	471	538	88	100
146	616	234	115	537	618	111	116
150	706	261	130	620	678	111	133
139	612	211	106	547	583	107	111
132	472	152	80	431	468	74	82
145	495	153	101	451	535	42	109
148	665	222	121	579	658	83	126
91	601	222	100	545	551	111	102
124	468	184	79	407	757	92	84
97	572	205	105	495	623	111	105
102	622	225	117	540	609	102	118
115	589	194	108	534	596	79	112
105	509	152	99	477	583	55	103
145	350	138	61	301	340	65	63
130	319	127	58	273	326	70	59

137	319	125	60	280	345	79	62
135	255	83	49	244	293	70	53
80	232	62	45	233	274	56	49
110	257	80	50	228	288	60	53
133	274	111	51	251	281	51	51
54	275	124	45	245	272	56	48
118	228	108	39	210	260	56	39
162	254	139	41	236	339	51	45
142	257	90	42	232	260	56	44
135	224	61	38	201	236	33	41
135	245	91	44	213	259	38	48
138	311	122	53	264	302	67	61
138	314	122	53	277	316	70	55
139	371	141	66	333	383	85	73
128	422	167	73	379	426	47	77
150	487	159	89	441	507	47	95
147	386	113	70	368	411	47	76
109	269	103	48	253	294	33	52
140	316	134	57	285	325	80	59
176	336	145	62	313	351	80	65
154	350	108	62	307	358	47	65
143	345	85	60	317	355	47	66
144	348	89	66	312	369	47	69
146	344	96	65	321	373	47	72
149	427	131	85	375	446	47	91
150	467	154	83	418	475	47	86
150	387	128	66	357	397	47	71
150	422	129	78	374	434	47	80
149	453	121	81	407	462	47	85
146	431	118	78	390	438	74	81
148	391	111	70	376	419	75	76
150	420	135	69	375	418	80	77
121	446	173	85	394	459	80	83
148	417	169	74	383	425	79	79
121	360	153	61	328	366	79	68
140	327	131	56	293	328	80	58
146	356	122	76	321	392	80	77
153	597	178	125	529	632	80	128
153	666	213	125	587	661	79	128
146	646	232	116	578	632	79	116
124	678	227	113	593	658	79	113
121	501	174	78	433	478	79	78
139	407	155	64	333	403	79	68
90	483	155	98	429	511	79	100
147	647	191	124	572	674	79	126
130	722	239	133	655	722	79	131
218	709	239	124	626	709	79	124

136	598	201	106	534	595	78	108
147	479	172	84	446	488	79	85
42	445	171	75	398	449	79	74
30	435	145	78	398	446	79	78
122	422	119	78	405	447	79	80
186	378	127	64	353	384	79	66
146	415	144	72	370	408	79	76
143	440	169	74	390	435	79	74
145	380	148	62	352	374	79	62
146	420	156	66	359	408	79	68
100	377	126	64	349	386	79	65
143	281	79	49	273	313	79	50
109	323	107	52	299	325	79	55
160	331	124	56	297	368	79	58
147	407	125	73	341	422	79	75
106	479	176	82	419	487	79	85
164	466	174	86	415	481	79	84
130	416	140	74	377	432	84	74
74	360	97	61	343	380	84	64
150	387	129	71	338	402	84	73
156	563	208	100	470	544	79	106
117	583	226	99	495	572	79	104
118	593	213	99	499	554	78	96
122	511	193	88	455	507	78	88
156	598	194	110	526	606	79	110
132	546	160	106	503	564	78	103
105	494	168	87	444	491	79	88
31	401	159	60	367	381	79	60
14	403	164	68	341	399	79	68
14	396	166	70	350	405	79	72
12	341	147	61	302	347	79	58
85	300	106	49	281	304	79	49
114	292	79	47	254	301	79	47
11	295	99	48	264	296	79	51
125	313	134	51	273	311	79	52
92	325	131	53	271	325	69	56
13	360	154	59	308	353	78	64
14	359	145	63	318	368	87	66
105	310	105	46	299	305	42	51
88	198	54	34	204	216	19	33
134	334	118	57	289	338	23	62
80	403	156	69	340	408	28	74

HOUSTON #1	KASSON #1	KENYON #1	LA CRESCENT #1	LAKE BYLLESB Y MN. TBS #1	LANESBOR O #1	LANSING #1	LEWISTON #1
239	1,295	414	861	60	276	45	334
273	1,255	521	849	53	358	45	452
200	1,337	570	859	56	190	43	428
290	1,885	648	1,032	79	246	62	450
364	2,415	906	1,537	110	364	84	594
405	2,591	834	1,666	118	406	86	626
396	2,305	745	1,574	114	374	75	580
352	2,146	698	1,464	100	342	70	554
470	2,552	821	1,704	114	400	83	653
426	2,349	776	1,536	106	368	76	599
443	2,521	821	1,738	114	411	82	657
337	1,883	639	1,344	84	326	65	494
334	1,963	643	1,337	96	306	66	491
342	2,218	699	1,415	105	342	72	545
385	2,289	740	1,594	102	372	80	601
363	1,994	672	1,498	95	329	66	536
318	1,881	723	1,306	85	310	64	500
282	1,536	515	1,120	69	288	52	399
285	1,912	629	1,209	88	276	64	467
284	1,801	596	1,209	84	280	64	445
269	1,741	603	1,147	82	267	63	434
318	2,300	800	1,287	102	331	81	510
450	2,810	963	1,849	118	450	95	687
408	2,414	827	1,611	110	382	84	610
322	1,912	687	1,363	86	315	62	504
293	1,604	625	1,232	81	278	56	440
325	1,411	484	1,028	66	244	51	373
228	1,425	496	922	65	226	51	353
433	2,656	937	1,806	121	430	93	682
468	2,676	1,003	1,889	124	452	95	702
449	2,646	974	1,867	127	432	93	693
416	2,589	952	1,768	125	409	91	661
445	2,662	989	1,834	120	443	97	674
428	2,265	763	1,533	106	352	80	603
371	2,309	782	1,450	102	352	87	564
536	3,258	1,047	2,133	142	500	114	813
579	3,307	1,065	2,341	153	534	114	886
514	2,657	984	2,000	122	470	95	712
520	2,695	1,007	1,995	124	484	98	715
390	2,156	821	1,518	97	356	80	563
261	1,576	556	1,104	72	252	60	416
269	1,677	567	1,117	76	248	62	418

212	1,314	456	905	58	206	50	342
232	1,401	474	981	58	223	52	365
347	2,163	691	1,429	97	332	77	560
349	1,995	641	1,421	88	318	71	535
356	2,311	718	1,428	102	342	85	565
384	2,216	689	1,524	97	362	83	579
348	1,874	588	1,415	84	308	72	484
238	1,414	444	977	58	228	48	373
365	2,361	769	1,578	116	366	83	586
430	2,550	846	1,754	120	410	91	648
479	2,898	936	1,941	131	452	102	753
498	2,827	902	1,979	129	469	101	754
337	1,889	586	1,373	85	304	69	520
402	2,232	675	1,577	101	354	78	586
435	2,691	771	1,755	128	392	98	641
526	3,076	883	2,068	139	472	109	716
511	2,794	900	1,988	129	484	100	713
350	1,959	627	1,385	82	325	66	527
357	2,272	735	1,485	102	360	82	562
436	2,366	749	1,729	109	404	84	607
398	2,322	706	1,588	106	374	82	576
448	2,349	771	1,772	108	418	87	619
400	2,212	763	1,575	109	374	79	560
376	2,392	816	1,581	115	374	87	592
466	2,757	916	1,849	129	442	99	693
479	2,689	891	1,915	125	454	95	702
468	2,438	782	1,792	114	426	88	628
467	2,254	696	1,759	107	396	83	583
462	2,598	843	1,788	119	430	93	653
495	2,678	918	1,895	127	470	98	685
427	2,396	794	1,681	112	398	87	617
344	1,928	635	1,412	87	316	70	498
369	2,249	752	1,565	102	352	78	569
392	2,266	706	1,552	102	380	83	574
385	2,108	652	1,484	100	344	75	528
310	1,854	588	1,221	82	284	71	461
323	1,757	560	1,330	78	298	64	450
243	1,340	432	982	59	222	50	345
203	1,219	392	876	51	194	46	306
269	1,740	551	1,192	76	264	61	417
331	1,978	679	1,438	92	312	71	511
341	2,036	706	1,434	92	330	75	514
360	2,185	778	1,532	95	352	77	551
358	2,270	826	1,558	102	352	81	568
441	2,647	876	1,851	118	422	94	673
441	2,629	861	1,876	125	430	91	696
473	2,694	883	1,950	120	460	96	694

392	2,291	725	1,652	109	372	80	571
378	2,307	777	1,573	104	360	78	567
382	1,966	858	1,260	89	448	63	513
308	2,337	834	1,228	80	444	63	516
278	1,507	668	1,060	65	478	53	412
224	1,467	462	957	68	381	50	378
244	1,460	439	1,000	66	230	52	349
238	1,429	435	972	63	213	50	355
237	1,655	740	1,029	72	242	58	391
242	1,563	731	1,064	74	244	53	390
241	1,603	706	1,074	68	243	54	392
244	1,582	690	1,066	63	235	51	371
206	1,433	559	903	57	203	45	313
154	937	267	706	38	144	34	229
123	866	240	584	33	120	30	195
187	1,123	358	628	42	150	33	234
261	1,941	624	1,150	84	268	67	445
295	1,961	648	1,246	82	294	65	459
273	1,817	586	1,186	79	271	62	419
233	1,556	469	1,035	69	238	54	371
215	1,414	414	964	62	211	50	330
210	1,322	396	871	55	192	46	318
273	1,317	421	849	54	186	45	310
191	1,339	417	872	56	189	47	306
196	1,370	390	858	59	201	47	308
207	1,291	385	897	58	205	48	300
207	1,424	421	784	67	199	50	302
285	1,903	562	1,204	88	286	67	441
289	1,905	577	1,212	87	296	67	455
376	2,492	795	1,637	113	386	84	597
431	2,742	882	1,848	125	434	92	662
378	2,380	763	1,612	110	381	81	595
298	1,879	602	1,269	84	286	65	452
264	1,791	562	1,108	82	248	64	400
258	1,843	592	1,126	85	263	63	406
453	2,856	916	1,871	125	428	98	697
476	2,789	909	1,950	134	453	96	711
438	2,759	910	1,816	127	430	97	678
495	2,918	925	1,999	128	467	100	741
447	2,734	866	1,833	125	418	94	691
468	2,699	825	1,881	118	446	94	664
419	2,299	709	1,640	109	382	80	557
350	2,197	724	1,438	102	348	76	546
427	2,705	929	1,819	124	447	97	651
409	2,255	765	1,623	102	378	79	565
324	1,873	782	1,319	78	295	66	460

254	1,606	743	1,018	65	251	60	374
228	1,567	576	984	67	227	53	359
216	1,437	421	917	60	207	54	333
228	1,416	438	935	58	228	53	335
246	1,379	429	1,070	54	230	50	360
227	1,469	478	1,019	62	218	51	356
236	1,584	525	1,022	68	234	57	368
255	1,729	541	1,123	72	252	62	411
239	1,482	425	1,032	58	233	54	367
191	1,209	358	830	51	182	45	288
253	1,616	488	1,139	74	229	58	385
235	1,242	397	1,133	48	205	45	340
243	1,499	474	1,098	63	232	54	381
229	1,534	522	1,033	66	221	55	379
279	1,897	586	1,219	80	279	66	458
283	1,713	503	1,232	74	270	62	433
271	1,749	524	1,150	80	252	63	413
359	2,362	728	1,580	107	356	82	578
375	2,306	758	1,602	102	378	83	578
350	2,078	688	1,479	93	339	76	523
364	2,411	762	1,631	103	392	87	595
380	2,271	703	1,595	97	368	78	595
289	1,670	507	1,192	67	271	63	408
240	1,333	404	968	59	209	49	332
243	1,491	465	1,089	67	232	52	370
281	1,628	526	1,193	63	273	59	403
273	1,820	628	1,179	80	262	64	437
355	2,326	847	1,438	99	341	83	566
405	2,315	837	1,615	103	387	80	598
343	2,099	688	1,412	93	329	73	532
418	2,553	841	1,778	114	418	89	631
378	2,417	837	1,622	107	372	85	602
340	2,239	813	1,487	97	339	76	540
404	2,558	932	1,662	110	395	90	635
502	2,865	1,040	2,003	126	459	99	732
439	2,421	877	1,787	107	402	85	634
325	1,959	651	1,425	88	305	67	500
333	2,254	730	1,408	98	332	79	523
444	2,815	979	1,889	121	448	96	699
386	2,289	847	1,638	101	376	79	613
310	1,892	712	1,309	79	290	65	485
381	2,343	875	1,641	107	368	84	588
414	2,574	929	1,788	109	415	92	636
416	2,441	841	1,736	106	422	90	610
359	2,209	746	1,477	99	348	79	537
212	1,435	477	933	62	209	52	324
193	1,331	455	873	56	190	50	294

201	1,419	484	854	57	203	49	293
176	1,185	415	714	46	168	40	255
160	1,057	405	650	45	147	36	226
148	1,144	456	666	47	150	38	231
169	1,154	382	752	44	166	38	261
168	1,223	382	727	50	166	38	254
134	923	319	589	39	136	33	204
152	1,041	340	626	43	149	37	245
150	1,080	333	661	47	150	36	251
140	960	283	597	42	133	32	216
126	1,053	328	554	46	132	37	221
162	1,317	434	739	56	168	43	287
179	1,302	422	820	53	170	44	288
213	1,592	502	925	65	217	54	356
262	1,790	588	1,137	75	260	59	426
308	2,115	663	1,327	93	312	68	490
265	1,651	517	1,108	71	252	57	390
166	1,170	378	717	52	174	38	260
186	1,350	451	840	59	195	44	293
199	1,426	455	882	59	200	48	315
204	1,455	434	870	65	200	49	326
226	1,461	442	939	66	206	50	328
224	1,500	454	936	64	209	51	324
221	1,494	452	951	69	207	52	333
256	1,846	576	1,097	79	258	64	406
300	1,924	591	1,306	85	278	66	461
257	1,625	504	1,134	71	244	57	366
271	1,785	562	1,141	77	258	63	402
284	1,896	579	1,168	83	275	68	417
289	1,784	543	1,178	77	281	63	413
268	1,646	495	1,066	68	256	61	379
263	1,729	552	1,092	77	272	62	409
307	1,888	614	1,179	80	289	65	422
278	1,751	554	1,101	73	258	62	409
233	1,489	475	979	62	221	49	342
211	1,338	418	914	56	203	49	306
217	1,560	474	932	68	223	57	334
388	2,587	780	1,533	117	381	92	584
468	2,753	884	1,910	125	452	99	670
432	2,561	881	1,774	119	415	89	636
467	2,695	892	1,842	119	441	92	675
358	1,966	670	1,413	86	328	67	502
263	1,622	629	1,058	76	258	56	389
298	2,087	713	1,251	91	308	74	478
443	2,801	948	1,768	126	425	98	647
505	3,022	1,079	2,061	132	482	105	743
499	2,874	1,119	2,005	128	470	102	725

415	2,465	955	1,646	111	396	85	596
324	1,980	736	1,356	87	322	71	479
296	1,815	675	1,264	78	298	62	437
308	1,796	646	1,275	81	301	64	427
289	1,811	634	1,159	81	283	64	415
264	1,556	574	1,116	66	260	56	383
262	1,675	652	1,131	72	268	60	398
286	1,797	690	1,198	80	289	63	425
247	1,517	568	979	66	239	56	361
276	1,660	600	1,157	76	281	58	408
260	1,546	532	1,114	66	248	55	374
200	1,212	421	810	51	190	46	274
226	1,301	485	953	53	221	50	311
212	1,438	545	925	63	213	55	302
248	1,666	624	1,108	77	249	60	395
321	1,959	754	1,299	84	320	71	464
309	1,928	694	1,280	86	320	71	447
278	1,745	603	1,150	77	279	64	412
225	1,501	503	919	63	233	55	338
231	1,608	600	948	68	248	58	369
340	2,250	815	1,437	101	359	78	547
376	2,297	776	1,562	97	380	82	575
388	2,314	783	1,639	104	398	81	560
343	2,044	688	1,420	92	352	74	505
399	2,465	787	1,619	108	419	86	594
388	2,283	734	1,561	96	388	84	541
331	2,045	665	1,384	89	332	73	489
271	1,537	499	1,207	57	272	53	393
270	1,665	550	1,147	74	275	58	387
253	1,623	548	1,063	66	256	61	370
201	1,390	441	886	54	201	52	316
185	1,210	381	806	50	189	44	284
186	1,269	401	733	57	187	43	277
184	1,207	421	779	51	190	43	277
208	1,274	438	954	57	203	47	293
196	1,324	422	856	57	198	46	291
222	1,426	444	992	62	223	52	336
222	1,464	466	961	60	228	55	334
219	1,197	366	931	47	211	46	302
127	797	246	488	34	137	31	186
190	1,390	437	828	62	202	49	300
241	1,621	535	1,084	73	252	59	379

MABEL #1	NEW RICHLAND #1	OAKLAND #1	PETERSON TBS #1	PINE ISLAND #1	PLAINVIEW #1	PRESTON #1	ROCHESTE R #1B
242	288	16	47	1,285	960	4,227	8,518
329	283	16	100	1,470	1,121	4,333	8,181
260	266	14	89	1,243	1,115	4,302	8,361
259	383	20	104	1,516	1,408	4,272	10,576
360	524	28	83	1,825	1,795	4,441	14,530
385	557	29	95	1,971	1,735	4,604	15,427
372	497	27	90	1,768	1,496	4,334	14,106
364	465	26	82	1,719	1,290	4,482	13,240
503	543	28	100	1,886	1,825	4,717	15,346
362	497	27	88	1,999	1,844	4,626	14,662
405	548	28	104	1,821	1,995	4,521	15,852
329	424	22	139	1,575	1,617	4,573	12,559
313	423	22	170	1,596	1,404	4,603	12,477
337	469	25	80	1,749	1,345	4,487	13,752
367	475	27	89	1,782	1,434	4,743	14,729
331	420	23	82	1,597	1,582	4,766	13,166
301	399	22	72	1,479	1,516	4,604	12,614
239	328	18	109	1,584	1,366	4,437	10,826
278	413	21	89	1,779	1,383	4,416	12,191
280	402	21	111	1,677	1,410	4,614	11,930
271	378	21	81	1,427	1,129	4,324	11,279
317	517	28	73	1,751	1,301	4,636	13,848
428	609	31	104	1,692	2,251	4,786	17,342
381	508	29	88	1,200	1,732	4,708	14,818
311	388	23	80	1,015	1,482	4,511	12,386
275	346	19	71	1,520	1,776	4,197	11,475
241	306	17	59	1,293	1,168	4,512	10,159
221	331	19	53	1,293	1,079	4,360	10,044
409	563	31	101	1,574	1,643	4,701	16,439
422	552	30	110	1,361	2,148	4,211	17,074
405	541	30	105	1,361	2,084	4,880	16,639
392	530	30	99	1,358	1,599	4,846	16,141
415	586	31	105	1,960	2,225	4,871	16,796
367	461	28	86	1,687	2,093	4,662	13,948
356	510	29	81	1,739	1,623	4,407	14,046
490	670	36	117	1,689	1,818	4,713	14,810
522	689	37	131	1,607	1,828	4,527	15,602
440	541	30	118	1,893	1,442	4,868	16,620
444	570	30	119	1,973	2,077	4,800	17,585
354	471	27	87	1,742	1,730	4,534	14,222
257	371	19	61	1,352	1,233	4,485	11,143
264	380	21	58	1,455	1,177	4,290	11,145

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211	305	16	48	1,195	1,028	4,117	9,915
229	316	18	51	1,334	1,279	3,848	10,602
335	458	25	78	1,592	1,694	3,358	14,096
327	421	23	79	1,677	1,688	4,668	13,489
340	504	27	78	1,712	1,816	4,638	14,586
357	471	27	91	1,754	1,907	4,682	14,667
321	415	23	79	1,482	1,162	4,391	12,490
237	312	18	51	1,334	965	4,333	10,356
345	487	26	84	1,806	1,836	4,730	15,167
395	541	30	100	1,920	2,038	4,698	16,446
441	607	32	106	1,873	2,135	4,882	17,656
456	598	32	116	2,022	2,154	4,790	17,630
323	410	22	75	1,606	1,486	4,502	12,696
363	458	26	90	1,679	1,464	4,445	14,125
411	565	31	96	1,433	1,559	4,544	12,355
476	636	33	123	1,728	1,934	4,862	13,981
446	586	31	120	1,635	1,852	4,936	14,611
329	407	23	79	1,371	1,699	4,594	12,965
346	482	26	82	1,549	1,793	4,606	14,737
385	490	27	97	1,674	1,630	4,741	15,840
362	468	26	89	1,625	1,540	4,594	14,954
383	472	28	99	1,671	1,425	4,690	15,692
342	453	25	90	1,768	1,640	4,530	14,874
360	509	28	87	1,826	1,766	4,582	15,415
413	571	31	106	1,864	1,988	4,878	17,670
427	575	30	109	1,970	1,880	4,299	17,383
394	509	28	103	1,873	1,675	4,335	16,124
377	457	26	101	1,777	1,385	4,331	15,179
409	553	31	104	1,888	1,570	4,130	16,603
435	578	31	116	1,996	1,942	4,007	17,623
386	497	30	97	1,517	1,847	4,640	15,701
319	409	23	76	1,321	1,518	4,511	13,453
338	463	25	83	1,511	1,561	4,742	14,790
355	487	27	92	1,792	1,442	4,796	15,165
335	438	25	83	1,660	1,429	4,443	14,020
299	422	25	66	1,534	1,067	4,307	12,632
287	352	20	69	1,498	1,194	4,376	12,522
212	267	16	54	1,216	1,281	3,982	10,645
197	254	15	47	1,022	1,049	4,135	10,079
266	368	20	59	971	1,185	4,198	11,974
319	410	23	75	1,537	1,541	4,416	13,714
326	435	24	77	1,686	1,400	3,750	13,859
345	455	26	82	1,651	1,316	3,750	14,597
350	487	26	83	1,762	1,671	3,965	15,520
409	555	30	100	1,912	1,870	4,236	17,263
422	555	30	101	1,969	2,048	4,074	16,896
429	583	31	111	2,015	1,854	4,136	17,905

PUBLIC DOCUMENT--TRADE SECRET DATA HAS BEEN EXCISED

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356	488	26	92	1,762	1,640	4,546	15,342
487	494	27	86	1,811	1,627	4,542	13,028
362	421	25	100	1,880	1,254	4,475	10,608
414	403	24	66	1,847	1,161	4,496	10,472
361	335	23	127	1,523	1,132	4,315	8,491
313	319	22	54	1,353	861	4,302	7,908
219	313	22	55	1,336	949	4,259	7,877
217	298	22	54	1,257	917	4,229	7,502
235	357	23	92	1,493	1,194	4,062	8,820
340	339	22	57	1,626	1,079	4,379	9,048
346	322	22	59	1,402	1,125	4,248	8,451
349	326	22	55	1,341	1,031	3,963	7,946
291	240	21	50	1,306	827	4,071	7,060
145	166	17	37	1,137	547	4,102	5,500
137	151	15	31	945	613	4,162	5,247
238	233	18	33	1,340	838	3,654	6,440
325	415	25	64	1,513	1,293	4,030	10,526
283	407	24	71	1,621	1,239	4,255	10,602
256	360	23	66	1,504	1,161	3,700	9,681
286	331	23	57	1,379	1,010	3,005	8,351
214	317	22	51	1,280	907	4,189	7,524
200	261	21	44	1,202	907	4,161	7,064
234	289	21	41	1,254	1,065	4,321	7,292
192	292	21	43	908	1,063	4,138	7,534
200	268	21	44	698	1,037	4,315	7,368
194	261	21	47	694	1,034	4,352	7,193
181	313	22	46	1,260	1,085	4,221	7,584
274	376	24	65	1,583	1,198	4,208	10,004
272	392	24	69	1,544	1,539	4,520	10,658
356	509	27	90	1,872	1,740	4,610	13,743
401	585	29	104	1,922	2,051	4,278	15,112
376	496	27	90	1,750	1,894	4,490	13,058
290	363	24	66	1,544	1,338	4,171	9,963
254	376	24	59	1,458	1,390	4,056	9,307
262	395	24	60	1,502	1,394	4,013	9,237
415	572	31	99	2,015	1,922	4,283	14,979
426	576	31	108	2,044	1,919	4,127	15,589
417	592	32	100	1,941	1,724	4,490	14,602
447	607	32	111	2,082	1,808	4,452	15,929
422	555	29	100	1,972	2,011	4,642	14,539
414	557	30	103	1,963	1,759	4,624	14,633
352	468	27	92	1,762	1,552	4,474	11,992
325	442	26	79	1,748	1,398	4,114	11,674
406	544	29	104	2,086	2,155	3,847	14,967
354	475	26	91	1,682	1,584	3,149	12,730
309	393	24	70	1,513	1,246	4,547	10,399

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244	349	23	56	1,391	1,098	4,304	8,986
231	310	22	52	849	1,355	4,167	8,337
217	304	21	47	1,301	910	3,913	7,642
220	288	21	51	1,329	911	4,214	8,172
227	288	21	53	1,252	1,111	4,430	8,216
215	295	22	51	1,290	1,087	4,477	8,256
225	349	23	53	1,390	1,204	4,148	8,768
247	373	24	57	1,418	1,041	4,362	9,330
230	317	22	56	1,318	1,104	4,095	8,228
185	253	19	42	1,163	693	4,138	6,984
243	322	23	55	1,402	951	4,360	8,598
213	278	20	50	1,192	1,328	4,158	7,804
238	303	23	53	1,264	1,343	4,186	8,611
230	315	23	51	1,297	1,126	4,220	8,440
277	405	24	61	1,529	1,102	4,218	10,459
267	355	24	65	1,413	1,382	4,258	9,834
252	341	24	62	1,463	1,061	4,245	8,971
348	450	26	85	1,714	1,312	4,490	12,643
346	500	27	91	1,743	1,778	4,458	13,402
321	428	25	82	1,563	1,461	4,186	11,966
366	521	28	88	1,890	1,754	4,150	13,749
360	480	27	90	1,692	1,502	4,353	13,053
265	343	24	64	1,474	1,430	4,200	9,493
208	259	22	50	1,250	1,011	4,099	7,800
234	296	22	53	1,312	880	4,015	8,741
274	329	23	63	1,402	1,342	3,880	9,844
270	377	24	60	1,383	1,318	3,731	10,041
337	506	27	76	1,787	1,634	4,580	12,823
363	473	28	89	1,696	1,824	4,537	13,544
321	422	26	76	1,668	1,573	4,347	11,476
397	492	28	98	1,876	1,591	4,514	14,117
365	483	29	88	1,789	1,388	4,565	13,497
330	466	26	78	1,701	1,597	4,391	12,586
381	543	29	89	1,802	1,774	4,645	14,194
438	596	33	108	2,084	2,221	4,830	15,828
393	490	29	97	1,849	1,820	4,583	14,074
301	409	26	74	1,607	1,439	4,229	10,944
318	479	27	75	1,765	1,343	4,173	11,938
419	580	32	105	2,027	1,583	4,618	15,183
382	493	27	91	1,781	1,672	3,963	13,274
294	403	24	67	1,434	1,421	3,937	10,924
346	492	27	88	1,863	1,690	4,163	13,335
378	569	32	99	1,982	1,565	4,665	14,615
401	513	29	100	1,846	1,567	4,683	14,258
344	453	26	83	1,740	1,577	4,298	12,044
211	319	23	48	1,384	1,107	4,399	10,455
196	323	22	44	1,285	827	4,491	9,868

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193	336	23	43	1,344	885	4,396	10,072
163	239	21	41	1,184	939	4,172	9,115
158	195	20	33	1,152	543	4,006	8,685
152	233	41	33	1,181	654	4,276	9,265
173	275	54	42	1,147	927	4,438	9,436
169	251	34	40	1,054	869	4,283	9,386
142	225	33	34	873	773	4,387	8,829
155	247	19	36	1,104	830	4,239	9,169
156	232	53	35	1,172	982	3,886	9,091
145	179	17	34	1,040	788	4,093	8,702
130	211	18	30	1,130	675	4,283	8,850
155	315	22	36	1,304	1,090	4,324	9,570
187	296	97	38	1,139	906	4,486	9,333
226	345	50	47	1,295	1,248	4,594	10,198
263	377	46	59	1,545	1,157	4,370	10,827
307	441	33	73	1,699	1,494	4,557	11,957
256	357	24	65	1,439	915	4,416	10,199
170	255	21	40	1,232	725	4,465	8,629
194	315	21	45	1,302	1,281	4,549	9,319
213	328	23	45	1,339	1,358	4,497	9,526
206	331	22	47	973	1,320	4,529	9,712
219	306	23	49	775	1,183	4,565	9,688
220	318	23	49	809	1,288	4,368	9,735
220	325	23	50	1,357	1,248	4,391	9,692
257	402	25	62	1,533	1,430	4,675	11,053
292	423	25	69	1,469	1,593	4,647	11,160
243	341	23	58	1,422	1,435	4,592	10,413
253	383	25	61	1,141	1,536	4,706	10,986
275	397	25	67	986	1,384	4,521	11,074
271	381	25	68	963	1,340	4,660	10,644
255	363	24	61	1,448	1,161	4,758	10,137
262	348	24	62	1,538	1,087	4,768	10,807
287	410	25	68	1,520	1,466	4,415	10,930
261	371	25	60	1,504	1,402	4,460	12,889
226	325	23	50	1,343	1,173	4,306	12,666
204	290	21	46	1,242	1,080	4,464	12,447
216	373	23	50	1,260	1,332	4,406	12,666
367	563	31	86	1,953	1,487	4,531	15,686
425	575	32	107	2,088	1,563	4,628	17,109
403	546	30	97	2,040	1,751	4,357	16,529
412	568	30	105	2,122	1,859	4,092	17,100
303	420	25	80	1,716	1,635	2,808	14,092
237	376	23	59	1,532	1,169	3,839	12,935
296	500	26	71	1,554	1,607	3,908	13,915
406	630	33	98	2,002	1,466	4,037	16,831
456	634	34	113	2,153	1,727	4,306	18,060
446	617	33	114	2,111	2,091	3,482	18,049

Minnesota Energy Resources Corporation

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376	527	28	95	1,963	1,887	3,022	16,100
309	444	25	74	1,570	1,463	4,243	14,040
279	385	24	67	1,495	1,442	4,607	13,524
289	426	25	69	1,020	1,342	4,609	13,342
275	405	25	67	1,506	968	4,508	13,053
254	322	23	57	1,424	968	4,577	12,673
259	373	24	58	1,485	1,342	4,549	12,980
274	388	24	63	1,602	1,207	4,502	13,515
242	351	23	53	1,413	1,108	4,557	12,589
267	363	23	60	1,571	1,166	4,339	13,133
244	327	24	56	1,362	1,199	4,515	12,580
190	280	21	43	1,233	651	4,149	11,621
212	276	21	51	1,320	863	4,515	12,116
203	298	22	47	1,409	1,268	4,234	12,596
239	371	24	56	1,499	1,255	4,307	12,856
296	425	25	73	1,683	1,503	4,457	14,148
284	430	25	71	1,638	1,317	4,307	14,073
263	378	24	64	1,456	1,113	4,253	13,153
229	321	23	53	1,381	800	3,790	12,294
232	353	23	50	1,515	978	4,033	12,822
331	501	26	77	1,800	1,746	4,376	14,882
352	502	27	88	1,825	1,696	4,462	15,437
363	497	27	86	1,903	1,753	4,553	15,937
322	449	26	79	1,746	1,488	4,475	14,807
373	528	29	91	1,926	1,853	4,490	16,102
360	487	27	87	1,794	1,247	4,206	15,081
319	422	26	74	1,655	1,190	4,554	14,111
254	319	23	60	1,436	1,530	4,394	13,003
252	357	23	62	1,531	1,511	4,402	13,244
244	383	23	56	1,402	1,216	4,489	12,897
212	319	24	44	1,245	1,204	3,430	12,203
190	263	20	42	1,241	1,120	3,796	11,815
174	266	20	40	1,232	888	3,629	11,887
183	250	20	41	1,246	773	3,583	11,872
194	292	21	45	1,325	998	3,610	12,261
186	300	22	44	1,242	1,132	3,737	12,193
216	318	22	47	1,310	1,034	4,411	12,458
220	341	23	48	1,160	1,054	4,385	12,471
208	267	20	48	1,220	1,238	4,312	11,879
127	169	16	33	968	465	4,090	10,875
189	283	22	44	1,302	837	4,375	12,159
235	352	23	55	1,450	1,287	4,493	13,141

ROCHESTE R #1D TBS	Glenville #1	RUSHFOR D #1	SHERWOO D FOREST TBS	SHORE ACRES MN TBS #1	SPRING GROVE #1	SPRING VALLEY #1	ST CHARLES #1
23,289	4,789	463	86	39	481	561	676
22,681	4,755	516	77	37	569	546	646
22,887	4,154	344	78	38	537	548	705
29,171	3,202	434	102	46	646	731	858
40,295	4,766	660	144	69	858	1,018	1,216
42,769	4,859	935	163	74	900	1,075	1,319
39,774	4,805	927	167	60	795	962	1,207
36,579	4,801	624	143	47	753	919	1,129
43,383	4,815	917	162	50	1,072	1,111	1,334
41,185	4,813	800	154	40	854	1,009	1,199
42,619	3,099	738	162	47	894	1,131	1,319
33,667	4,723	635	123	33	809	873	995
33,984	3,690	543	135	34	751	837	996
38,655	4,575	612	140	37	681	914	1,130
38,932	4,627	671	159	41	770	991	1,223
34,283	4,620	611	128	38	798	892	1,071
32,627	4,623	562	121	35	736	832	1,002
26,839	4,434	484	103	33	621	676	795
31,385	4,489	502	124	49	708	812	948
30,700	4,505	503	114	52	625	767	920
29,367	4,547	482	114	46	504	728	888
36,423	4,584	569	124	39	580	950	1,089
45,628	4,498	792	165	57	835	1,221	1,410
38,784	4,391	667	145	45	742	1,048	1,237
31,461	4,118	553	120	35	622	835	1,004
28,310	4,033	500	115	33	532	734	885
24,049	4,078	445	88	31	485	639	754
24,028	4,273	402	102	45	461	608	731
43,555	4,618	767	171	89	795	1,136	1,389
46,997	3,372	798	176	93	817	1,170	1,406
44,037	4,612	776	179	95	811	1,138	1,394
42,842	4,553	719	173	66	832	1,103	1,312
44,430	4,450	876	178	57	934	1,168	1,373
36,219	4,025	674	133	38	812	1,008	1,215
37,205	2,458	624	150	41	695	968	1,168
43,100	3,476	914	197	69	875	1,365	1,654
44,449	3,664	965	211	80	982	1,458	1,738
46,196	2,999	840	178	60	951	1,213	1,422
47,343	523	878	180	60	985	1,202	1,450
37,554	919	680	134	39	848	977	1,138
27,241	2,843	548	96	38	598	704	836
27,999	3,505	470	95	35	544	720	869

22,354	3,010	380	80	33	485	595	697
24,673	2,782	431	95	34	597	660	752
35,478	2,993	600	133	46	808	960	1,133
33,806	3,743	592	126	39	804	915	1,084
37,531	4,268	620	137	44	831	1,000	1,154
37,411	4,455	670	138	46	791	1,005	1,200
31,271	4,256	583	116	39	642	851	996
23,954	4,146	415	85	37	521	647	762
39,057	4,304	638	157	47	851	987	1,197
42,280	4,226	734	163	51	938	1,124	1,328
47,196	4,364	817	177	60	1,048	1,239	1,484
47,358	4,517	847	175	58	1,062	1,277	1,517
31,531	3,994	567	122	39	738	859	1,014
35,928	4,319	648	145	48	726	964	1,152
35,078	4,388	732	170	66	764	1,163	1,339
39,860	3,777	850	196	76	994	1,349	1,542
39,277	4,243	876	181	61	790	1,239	1,384
31,890	3,053	586	121	36	800	901	1,023
37,016	1,686	633	147	43	830	986	1,138
39,487	4,157	777	155	44	816	1,035	1,234
37,813	4,544	674	144	41	738	993	1,173
39,319	4,248	760	149	49	817	1,043	1,229
37,128	4,530	701	146	39	809	966	1,111
39,947	4,716	671	151	41	827	1,038	1,185
46,091	4,736	797	166	48	976	1,196	1,410
44,806	3,348	805	165	53	970	1,205	1,360
40,688	4,607	775	159	49	801	1,082	1,239
38,331	4,897	758	144	48	721	963	1,181
43,014	4,956	789	163	47	837	1,132	1,309
46,514	4,842	840	172	53	965	1,197	1,404
39,918	2,714	723	144	42	911	1,080	1,237
32,512	4,440	576	110	37	782	876	1,000
37,113	4,853	646	126	37	811	970	1,148
38,034	4,782	674	139	40	786	992	1,171
35,191	4,732	645	134	39	654	913	1,079
30,198	4,314	531	118	36	619	812	963
29,545	4,111	536	106	41	687	780	925
23,050	4,744	423	82	31	531	603	708
20,851	4,630	357	72	32	514	566	636
27,618	2,105	468	98	40	561	756	870
33,168	3,841	578	138	39	641	844	1,020
33,922	2,720	608	141	36	618	871	1,051
36,164	2,671	642	139	38	701	945	1,128
38,308	2,806	656	143	40	853	996	1,157
44,078	2,239	778	158	45	951	1,152	1,324
43,312	2,839	778	168	47	970	1,160	1,425
45,293	2,784	839	174	54	976	1,188	1,437

38,572	3,082	693	150	48	798	966	1,179
42,937	4,794	1,306	156	53	1,118	995	952
36,794	4,691	700	129	50	947	922	1,043
34,362	4,253	948	122	41	1,043	958	947
28,975	3,883	782	90	42	733	764	795
27,295	4,547	774	94	37	638	698	740
27,382	4,601	801	95	38	652	595	761
26,133	4,355	617	81	41	543	607	735
30,304	3,913	630	100	40	665	702	834
30,585	4,004	742	103	41	719	694	834
29,392	4,810	796	96	42	814	678	806
27,927	4,798	616	83	41	790	647	786
24,374	4,758	370	74	39	681	565	681
18,039	4,733	266	57	30	344	398	504
16,638	4,744	227	48	25	316	350	446
22,662	3,756	255	73	41	467	458	530
33,670	1,656	502	113	55	693	804	938
36,155	4,721	756	117	60	714	791	970
32,856	4,785	583	103	55	689	749	886
28,294	4,766	436	90	39	676	659	794
25,439	4,822	400	82	38	486	594	728
23,429	4,737	361	73	40	468	566	679
23,913	4,612	347	74	45	560	569	650
25,088	4,523	358	72	39	497	565	656
24,384	4,558	351	72	33	415	575	692
23,289	4,618	378	75	37	401	533	657
25,510	4,588	345	86	38	361	564	681
33,402	4,705	523	105	43	537	783	932
34,296	4,556	534	127	43	572	787	984
42,808	4,608	687	151	55	1,064	1,018	1,237
47,681	3,367	770	159	47	1,098	1,160	1,244
40,771	4,326	675	139	36	718	1,032	1,224
32,775	4,097	524	120	30	589	771	955
31,128	3,404	455	111	27	574	718	837
31,521	4,065	484	122	32	503	733	951
47,760	4,201	789	183	49	832	1,152	1,379
49,039	2,530	823	174	58	929	1,181	1,430
46,629	3,520	777	171	50	942	1,179	1,328
51,551	4,126	848	175	58	985	1,256	1,438
46,141	4,146	773	161	58	944	1,160	1,357
46,309	4,103	810	166	54	838	1,149	1,352
40,059	3,875	706	152	40	665	953	1,179
38,714	3,468	636	156	33	654	891	1,109
46,790	4,121	798	176	49	892	1,126	1,316
40,104	4,047	699	144	40	813	970	1,159
33,819	4,049	542	106	29	737	812	932

30,121	4,083	458	91	26	604	703	786
27,718	3,999	415	100	26	537	654	765
25,732	3,869	398	85	27	441	579	742
26,302	3,855	425	83	24	462	603	742
26,554	2,651	435	87	26	603	626	741
27,153	1,632	414	91	30	768	613	766
29,678	3,960	434	94	26	681	661	782
31,080	4,022	468	96	25	735	732	873
27,134	4,027	437	74	25	578	645	769
22,287	4,025	345	78	26	377	505	627
28,682	4,019	451	99	29	534	650	812
24,812	4,004	414	79	25	604	560	709
28,219	4,033	444	84	25	633	653	807
27,512	4,040	427	88	25	628	651	845
34,018	4,167	513	117	30	700	797	1,012
31,953	4,296	513	104	26	571	760	919
30,540	4,494	487	108	37	506	719	897
40,160	4,626	676	147	41	709	974	1,210
41,018	4,601	690	142	37	817	991	1,204
37,359	4,603	632	132	40	864	901	1,094
42,279	3,458	700	146	40	906	1,039	1,226
40,058	4,493	684	128	36	836	1,007	1,202
30,197	4,284	501	97	28	574	721	869
25,391	4,497	412	87	27	406	551	713
27,954	4,447	446	107	26	512	629	787
30,603	4,347	508	97	28	680	713	898
31,791	4,605	502	107	32	678	770	936
40,671	4,658	628	137	35	803	985	1,194
41,321	4,658	708	139	41	844	1,015	1,248
36,970	4,683	613	127	32	832	882	1,096
44,113	4,665	775	158	49	756	1,083	1,366
41,903	3,989	697	150	36	748	1,031	1,246
40,176	3,952	627	134	34	903	952	1,127
44,279	3,551	730	156	39	908	1,074	1,257
48,808	4,120	875	177	57	993	1,219	1,457
43,281	4,004	756	149	50	915	1,082	1,318
35,201	3,923	587	116	31	686	837	1,035
38,691	4,039	614	140	36	649	906	1,111
47,127	4,119	833	177	51	835	1,171	1,439
40,466	4,076	692	130	39	889	1,050	1,246
34,285	4,092	552	112	32	741	815	1,004
41,155	4,019	703	144	40	848	996	1,241
45,433	3,918	787	155	43	860	1,106	1,354
42,939	3,876	769	139	44	780	1,086	1,295
37,729	3,970	655	125	35	653	947	1,143
31,489	4,468	375	76	37	534	619	739
30,504	4,571	342	75	35	522	567	667

25,166	3,362	347	86	33	513	576	650
19,911	4,761	298	68	30	432	463	549
17,908	4,741	269	61	29	376	426	514
22,264	4,720	262	74	30	361	454	551
21,732	4,722	415	65	33	502	490	607
20,677	4,685	311	68	31	482	484	663
17,721	3,180	240	58	25	462	420	527
19,329	4,618	252	61	29	464	463	565
19,376	4,694	258	67	30	418	437	570
17,622	4,588	235	67	30	326	384	523
18,462	4,624	230	66	38	321	421	542
23,817	4,703	304	80	38	481	538	675
23,163	4,486	309	79	35	524	546	684
28,333	4,610	389	87	38	570	668	830
31,390	4,393	471	111	44	649	762	942
37,194	4,723	563	134	49	699	875	1,115
29,311	4,085	461	112	41	534	703	920
21,469	4,461	311	81	32	384	494	608
25,086	4,387	346	85	33	535	573	681
24,209	3,107	370	81	35	554	615	758
25,102	4,659	365	87	44	488	611	772
25,500	4,605	388	102	38	432	585	779
25,706	4,628	379	87	38	441	610	772
26,009	4,479	392	94	38	429	611	783
32,285	4,446	463	121	44	532	749	949
33,602	3,909	503	117	47	681	813	1,002
35,282	4,303	450	106	30	604	689	836
34,518	4,683	477	112	30	603	739	942
33,396	4,733	497	120	29	561	787	991
31,156	4,617	512	106	29	555	750	949
28,892	3,412	471	96	47	516	709	868
31,248	4,560	485	108	37	562	731	926
34,149	4,558	522	108	46	704	789	979
27,690	4,533	453	93	54	668	741	921
26,176	4,514	401	86	51	604	654	781
21,727	4,328	369	79	44	556	576	711
24,648	4,536	429	98	41	526	628	779
41,864	4,593	680	169	55	685	1,043	1,349
45,920	4,158	824	184	54	831	1,173	1,469
43,717	3,038	749	173	51	910	1,115	1,412
45,600	4,644	811	169	55	929	1,160	1,471
33,755	4,584	611	134	50	738	838	1,085
26,948	4,546	454	112	54	610	672	876
33,311	4,640	542	131	51	646	851	1,077
45,556	4,654	775	183	60	750	1,144	1,473
49,538	4,646	888	193	67	885	1,290	1,620
48,841	2,233	879	181	64	984	1,265	1,563

42,117	3,412	723	155	40	853	1,069	1,298
34,297	4,575	573	125	56	747	879	1,057
33,633	4,587	525	115	61	676	788	976
33,167	4,627	530	121	61	656	771	973
29,122	4,624	507	111	52	593	763	932
25,483	4,532	459	93	53	508	687	845
27,756	4,106	463	97	65	643	727	889
30,405	4,623	517	110	63	687	776	937
24,542	4,489	427	92	43	613	679	778
28,095	4,582	482	107	55	645	719	885
24,837	4,659	453	92	52	617	662	814
17,905	4,551	345	76	45	438	516	619
20,871	4,536	399	80	44	440	581	722
25,137	4,501	361	89	42	517	630	669
26,325	3,941	416	106	75	524	688	832
33,430	3,924	559	121	65	736	853	1,067
35,666	3,895	542	126	66	698	829	1,027
28,988	4,119	484	106	55	651	738	937
22,983	4,235	400	81	44	534	643	813
25,757	4,349	415	105	53	482	678	857
38,347	4,704	615	142	78	800	942	1,212
40,508	4,367	666	148	78	829	984	1,290
41,952	4,740	677	153	82	831	998	1,299
36,688	4,794	604	135	70	778	898	1,132
41,812	4,749	708	164	82	854	1,018	1,353
38,438	4,438	663	149	77	757	960	1,265
34,351	4,471	584	127	72	652	850	1,137
27,795	4,641	477	92	57	655	692	866
27,810	4,666	480	101	54	625	701	901
26,161	4,693	447	100	35	604	712	867
21,197	4,747	351	80	33	532	608	720
18,683	4,633	325	75	32	491	527	648
19,616	4,536	318	84	25	407	499	657
19,165	4,196	339	88	29	394	506	652
22,384	4,472	365	80	35	533	541	660
21,365	4,115	351	81	37	520	559	676
23,209	4,519	391	84	40	575	613	739
25,223	4,565	395	87	36	581	624	758
19,357	4,542	374	73	34	485	540	691
11,444	4,419	223	50	22	216	380	439
20,802	4,484	356	89	34	406	560	723
26,899	4,605	439	110	42	618	698	848

STEELE TBS #1	STEWART VILLE #1	STEWART VILLE #2-	TWIN LAKES #1	UTICA #1	VIOLA #1	WALTHAM #1	WANAMIN GO #1
21	1,058	288	30	72	14	29	254
16	1,049	263	28	89	15	27	362
16	1,183	307	27	48	13	26	337
31	1,538	458	43	62	20	35	303
37	1,915	584	58	90	26	53	424
42	1,962	643	63	100	29	58	457
37	1,743	519	57	91	26	53	411
31	1,665	509	49	85	25	48	385
42	2,070	655	59	99	28	56	442
37	1,799	588	54	93	30	50	415
42	2,041	628	60	131	32	54	456
31	1,567	457	45	162	24	43	340
26	1,495	482	46	93	25	42	504
37	1,688	508	55	86	27	50	414
32	1,817	563	54	93	27	51	434
31	1,646	491	43	81	23	45	513
26	1,540	457	43	78	22	40	349
21	1,275	347	31	59	17	33	274
31	1,497	438	44	71	21	40	331
26	1,399	424	44	68	20	41	311
26	1,338	379	44	67	21	42	302
37	1,720	553	63	82	24	52	396
42	2,187	677	72	107	31	63	486
42	1,843	568	58	92	30	57	412
26	1,515	457	43	74	22	43	328
21	1,336	407	35	67	19	35	308
21	1,140	330	32	56	17	32	347
26	1,138	338	38	55	17	34	253
37	2,054	645	67	108	30	60	477
42	2,163	612	62	105	32	60	484
37	2,077	614	61	106	30	58	473
42	2,021	593	61	100	29	56	457
37	2,131	626	64	105	31	62	488
42	1,772	581	51	92	28	56	385
47	1,768	532	61	91	27	54	400
42	2,269	782	84	130	38	74	562
42	2,617	776	78	140	40	74	589
37	2,197	630	62	108	31	60	492
42	2,202	621	62	111	32	60	498
42	1,772	514	50	89	25	54	372
21	1,303	365	37	63	18	37	272
27	1,325	382	40	68	22	39	284

21	1,092	332	29	52	15	32	223
21	1,194	329	34	56	15	31	326
32	1,835	515	53	89	23	47	513
32	1,710	469	44	82	24	46	341
37	1,915	546	59	91	26	50	441
31	1,812	540	53	94	26	51	388
31	1,491	424	46	80	23	46	326
31	1,162	340	32	56	16	32	244
31	1,952	606	56	89	26	48	412
31	2,059	591	59	102	30	57	443
47	2,329	665	75	115	34	63	497
42	2,320	686	66	119	34	64	490
32	1,523	480	43	81	23	44	388
32	1,715	514	53	97	27	50	390
47	2,025	602	69	112	35	62	446
47	2,288	697	73	125	37	67	511
42	2,220	678	63	115	32	63	489
26	1,629	502	41	79	25	47	330
37	1,810	518	54	88	26	50	403
37	1,840	555	53	96	28	52	415
37	1,790	515	55	94	26	53	398
42	1,889	558	53	95	26	53	414
37	1,784	474	48	85	24	49	413
37	1,914	538	58	91	27	53	427
47	2,222	640	67	111	31	62	474
52	2,200	642	63	110	31	61	481
42	1,934	582	55	98	27	56	444
42	1,785	494	53	93	27	50	402
52	2,084	619	64	104	30	59	459
47	2,215	619	64	109	30	60	487
53	1,947	620	55	99	27	57	411
48	1,573	438	43	76	21	46	332
43	1,783	530	52	89	25	49	396
53	1,804	530	55	94	25	51	400
47	1,623	473	50	87	25	50	365
53	1,467	451	46	77	20	45	322
37	1,446	416	36	68	20	40	312
26	1,164	303	28	54	13	30	236
32	1,019	278	26	47	12	28	214
42	1,378	447	42	68	10	37	297
53	1,606	512	43	86	26	46	362
53	1,600	495	48	88	25	47	367
58	1,745	582	48	92	25	49	383
53	1,916	568	52	94	25	50	412
69	2,112	648	62	109	29	59	475
69	2,106	666	60	113	31	60	475
69	2,183	646	61	117	31	60	485

59	1,779	559	53	94	25	51	409
59	2,063	558	53	85	25	115	404
43	2,056	443	43	68	24	39	401
32	1,963	438	39	114	24	38	380
37	1,358	312	34	177	22	32	376
37	1,650	310	31	105	21	31	250
32	1,248	279	32	57	21	29	260
32	1,234	293	32	56	22	31	235
37	1,493	407	39	60	23	69	275
37	1,494	448	33	57	23	32	286
32	1,442	339	35	55	23	32	271
32	1,442	329	31	55	21	32	245
27	1,356	302	27	49	21	73	214
21	802	181	24	35	16	24	153
27	760	201	21	30	15	26	129
27	986	227	29	38	18	86	189
59	1,685	428	48	71	24	43	324
48	1,659	405	41	72	24	38	334
48	1,549	414	36	64	23	37	306
43	1,347	340	34	57	23	33	255
43	1,169	276	33	52	22	30	232
43	1,126	311	27	50	21	28	219
32	1,157	278	29	48	20	28	213
32	1,511	279	30	48	20	26	212
43	1,167	319	32	44	20	28	218
32	1,130	254	29	43	19	27	210
43	1,173	292	34	47	21	30	323
59	1,565	415	44	71	24	38	327
43	1,626	448	41	72	24	39	334
64	2,175	606	58	92	27	50	425
64	2,374	659	63	102	29	58	466
58	2,116	592	54	105	27	53	411
48	1,575	409	40	81	23	38	324
37	1,539	382	40	62	24	40	303
48	1,510	400	45	68	24	38	315
64	2,384	670	68	108	31	59	484
64	2,501	649	62	111	31	61	501
64	2,466	682	66	103	31	62	483
69	2,576	728	68	105	31	64	499
58	2,410	693	64	105	31	61	473
53	2,348	693	59	103	28	58	470
48	1,853	519	50	86	28	49	404
48	1,822	505	46	81	26	45	392
59	2,505	674	61	99	29	54	490
48	2,034	539	47	85	26	49	400
37	1,710	428	39	68	25	39	325

32	1,543	396	37	56	22	34	315
27	1,357	373	29	57	22	32	345
21	1,182	325	31	51	22	32	291
21	1,259	355	30	53	22	30	296
21	1,349	285	29	55	22	27	277
21	1,329	297	31	56	22	30	295
27	1,387	340	35	58	23	33	309
27	1,537	450	37	61	23	38	330
27	1,277	377	33	57	23	34	279
16	968	263	27	44	19	27	243
27	1,334	389	34	59	22	35	309
16	1,175	275	27	51	19	27	234
27	1,411	346	33	56	22	32	276
21	1,417	327	35	59	22	33	278
27	1,670	424	43	71	24	38	336
27	1,546	424	36	65	24	38	336
27	1,420	384	37	65	23	39	357
37	2,009	590	52	90	26	51	455
37	2,097	550	52	87	28	51	442
37	1,875	485	44	82	25	44	373
37	2,245	589	53	90	29	52	461
37	2,077	621	46	89	26	53	409
27	1,453	399	35	65	24	36	315
21	1,089	288	28	55	21	28	256
21	1,304	378	30	60	23	32	272
21	1,551	355	34	61	23	35	313
32	1,580	416	38	67	24	40	327
37	2,080	577	58	90	27	50	423
32	2,120	544	50	91	26	53	435
37	1,784	514	45	85	27	46	395
37	2,152	581	57	103	29	54	480
43	2,036	561	54	91	26	52	450
37	1,969	509	49	83	27	48	421
37	2,320	595	60	97	29	54	480
48	2,579	663	67	115	33	62	531
37	2,209	568	52	96	29	54	468
38	1,660	464	40	78	26	44	372
37	1,836	496	55	84	28	50	418
48	2,401	629	64	109	31	61	519
37	2,097	617	50	90	29	53	420
32	1,753	434	42	73	24	40	351
37	2,165	574	52	92	27	50	435
43	2,294	608	60	97	29	58	472
43	2,261	607	56	94	28	56	456
37	1,833	503	51	85	26	52	407
27	1,372	319	32	53	21	32	263
22	1,242	283	31	51	20	30	238

22	1,261	323	32	44	20	32	251
16	1,015	261	26	39	19	30	207
16	885	207	25	37	17	25	190
16	990	235	27	38	17	26	205
16	1,030	267	25	41	18	26	203
16	1,008	231	26	42	17	26	211
16	859	183	23	34	17	26	172
16	970	217	25	38	17	26	189
16	920	226	25	39	18	25	198
11	832	179	24	36	17	24	176
16	900	239	27	37	18	25	194
22	1,147	288	28	47	20	29	242
22	1,162	276	28	49	19	28	239
22	1,384	365	33	56	22	36	283
22	1,578	427	38	64	23	40	320
33	1,878	491	48	79	25	47	382
27	1,414	354	36	66	24	44	296
16	981	247	26	42	19	28	220
16	1,251	309	29	48	20	30	245
22	1,345	312	30	54	22	32	247
22	1,282	330	32	56	22	33	265
22	1,266	332	32	54	22	31	269
27	1,300	299	32	54	21	33	270
22	1,300	307	35	58	22	32	272
33	1,609	432	45	68	24	42	333
27	1,730	430	43	78	24	40	349
27	1,467	359	34	61	23	33	300
27	1,671	380	40	64	24	36	330
32	1,718	439	41	69	24	41	354
27	1,561	386	41	68	24	38	335
27	1,455	368	37	63	23	38	303
22	1,551	412	37	65	24	36	335
33	1,708	414	41	67	24	45	360
22	1,664	398	36	65	24	41	314
22	1,429	305	30	56	22	34	272
22	1,295	271	28	49	20	30	245
27	1,461	366	39	58	22	33	291
43	2,231	583	65	100	28	57	490
38	2,441	653	59	111	31	59	544
38	2,366	661	56	102	30	54	507
43	2,489	638	55	108	29	57	525
27	1,854	416	39	78	25	40	393
27	1,508	347	33	63	23	32	336
38	1,906	463	53	77	25	45	397
48	2,405	632	66	104	31	59	538
48	2,662	733	68	115	34	62	574
48	2,698	666	62	111	32	61	562

43	2,296	560	53	95	26	54	474
32	1,883	437	42	76	25	43	368
27	1,780	429	38	71	24	39	337
27	1,684	429	40	71	24	41	338
32	1,626	409	40	68	24	43	331
27	1,463	395	33	60	23	33	290
21	1,645	354	38	66	23	36	306
27	1,741	401	36	68	24	38	338
27	1,527	346	32	59	24	35	279
27	1,649	369	33	68	24	33	317
27	1,454	345	32	62	23	32	284
22	1,130	253	25	45	20	29	221
21	1,264	288	28	52	20	27	243
27	1,387	345	28	48	21	34	271
32	1,588	349	37	64	23	35	317
38	1,885	482	44	80	26	41	379
38	1,829	430	42	73	24	45	375
32	1,699	394	37	69	24	42	321
27	1,394	330	31	55	23	37	273
27	1,486	395	39	63	22	38	312
48	2,212	535	54	90	28	51	420
43	2,270	575	53	92	27	54	426
37	2,293	504	48	90	26	54	445
37	2,091	459	44	80	25	47	388
48	2,299	592	56	101	27	58	469
48	2,047	487	53	91	27	50	429
43	1,829	478	43	83	26	46	378
32	1,516	323	30	64	24	38	266
32	1,668	357	35	64	23	36	311
32	1,543	323	36	60	24	39	302
32	1,299	295	30	53	22	34	239
21	1,100	287	27	49	20	30	225
21	1,110	246	27	45	20	28	245
21	1,096	279	26	45	20	27	227
22	1,276	291	27	47	21	29	233
21	1,262	275	30	47	20	30	245
27	1,406	295	31	55	22	31	263
27	1,426	307	33	55	22	32	274
21	1,176	274	26	50	21	28	222
11	799	166	21	32	14	22	151
27	1,247	312	31	50	22	31	263
27	1,564	353	36	62	23	36	319

WEST CONCORD WELLS #1	WEST CONCORD #1	ZUMBROT A #1	TILLER CORP TBS #1	TWIN CITY SILICA	ALL AMERICAN CO-OP	ZONE EF FARMTAPS	
742	171	1,240	0	6	22	311	60,470
786	170	1,299	0	473	21	311	61,785
758	169	1,345	0	589	25	311	60,960
1,052	237	1,557	0	589	18	311	73,750
1,370	334	1,666	0	477	8	311	98,643
1,449	365	1,673	0	351	0	312	103,972
1,278	328	1,724	0	7	0	311	95,619
1,199	298	1,871	0	15	0	311	89,642
1,437	358	2,110	0	231	0	311	105,477
1,340	335	1,993	0	221	0	311	99,892
1,431	358	2,092	0	255	1	312	103,147
1,121	277	1,798	0	80	0	311	85,119
1,129	287	1,476	0	8	0	311	83,406
1,216	305	1,799	0	9	0	311	92,389
1,258	320	1,809	0	32	1	311	95,626
1,128	285	1,815	1	385	0	312	87,506
1,051	271	1,600	0	407	0	311	83,105
840	222	1,588	0	410	0	311	71,180
1,075	270	1,410	0	464	0	311	80,693
1,043	255	1,733	0	376	0	311	79,020
1,007	247	1,654	0	91	0	312	74,635
1,361	318	1,912	0	121	0	311	90,610
1,558	386	2,116	0	388	0	311	111,263
1,277	346	1,466	0	354	0	311	95,456
1,006	266	1,457	0	12	1	311	79,151
870	237	1,750	0	12	0	312	73,618
779	206	1,426	0	11	0	311	64,494
914	209	1,469	0	12	1	311	64,014
1,474	371	2,260	0	12	0	311	105,972
1,413	376	2,254	1	370	0	311	109,512
1,403	379	2,118	0	393	0	312	107,150
1,395	364	1,786	0	139	0	289	103,512
1,472	382	2,124	0	432	0	290	109,530
1,405	332	1,669	0	357	1	290	92,345
1,381	326	1,704	0	121	0	290	90,546
1,785	447	1,818	0	123	0	290	108,540
1,922	478	1,887	0	124	0	290	112,774
2,047	382	2,270	0	131	1	290	109,810
1,462	388	2,282	0	476	0	290	110,264
1,260	325	1,835	0	346	0	290	89,774
940	233	1,634	0	131	0	290	69,778
924	243	1,576	0	13	0	290	71,204

764	192	1,339	0	44	0	290	59,262
824	206	1,351	0	181	0	290	64,044
1,222	305	1,830	0	182	0	290	87,709
1,114	290	1,433	0	14	0	290	85,415
1,325	324	1,886	0	12	0	290	93,992
1,207	322	1,845	0	13	0	290	93,808
1,069	274	1,144	0	13	0	290	79,393
818	205	1,391	0	13	0	290	64,115
1,264	329	1,994	0	13	0	290	97,089
1,414	364	2,167	0	13	0	290	104,653
1,606	413	2,246	0	13	0	290	115,046
1,491	412	2,289	0	14	0	290	115,224
1,001	278	1,395	1	12	0	290	80,672
1,122	321	1,899	0	14	0	290	90,332
1,368	379	2,210	0	15	0	290	92,078
1,516	431	2,190	705	15	0	290	104,203
1,789	406	2,217	0	14	0	290	102,464
1,052	294	1,833	1	15	0	290	81,643
1,257	319	1,755	0	13	0	290	90,373
1,277	346	1,737	0	14	0	290	98,049
1,259	334	1,377	0	15	0	321	93,684
1,269	340	1,688	0	14	0	322	97,347
1,160	325	2,135	0	14	0	321	93,569
1,377	343	1,870	0	14	0	322	98,895
1,510	390	2,243	0	15	0	321	112,565
1,493	389	2,293	0	14	0	322	108,849
1,277	355	2,048	0	15	0	321	101,061
1,140	326	1,867	1	14	0	322	95,059
1,553	375	1,979	0	15	0	321	105,297
2,484	384	2,268	0	14	0	322	113,101
1,627	357	2,142	6	16	0	321	98,289
1,201	288	1,547	6	16	0	322	83,514
1,167	318	1,940	0	15	0	321	93,672
1,222	325	1,769	0	16	0	322	95,047
1,100	309	1,711	0	16	0	322	88,440
1,086	280	1,525	0	17	0	321	78,146
866	248	1,690	0	16	0	322	76,685
735	198	1,100	1	15	0	321	63,118
677	183	916	0	15	0	322	58,263
888	237	1,463	0	16	0	321	70,043
1,082	289	1,596	0	17	0	322	83,757
1,057	294	1,606	14	16	0	321	83,256
1,151	306	1,719	1	16	0	322	87,982
1,266	319	1,756	0	17	0	321	93,718
1,463	383	2,033	4	16	5	322	105,731
1,432	380	1,941	0	16	0	321	105,389
1,488	381	2,038	0	17	0	322	109,238

1,268	333	1,754	0	16	0	322	94,533
1,186	329	2,023	2	146	53	1,186	101,179
977	278	1,722	0	324	53	1,187	88,109
904	265	1,527	0	423	53	1,187	85,088
781	213	1,503	0	439	53	1,187	71,975
695	198	1,475	0	462	54	1,186	68,570
669	207	1,463	0	378	40	1,187	67,327
688	201	1,450	0	275	40	1,187	64,407
835	221	1,454	0	390	40	1,187	73,215
820	216	1,578	0	410	0	1,186	73,854
760	214	1,570	0	278	0	1,187	72,420
705	197	1,576	1	214	0	1,187	69,201
596	176	1,251	0	373	0	1,187	61,803
407	133	1,064	0	385	0	1,186	48,087
350	105	1,106	0	303	0	1,187	44,897
603	149	1,207	0	206	0	1,187	54,667
1,008	257	1,793	0	177	0	1,187	78,399
920	257	1,686	0	96	0	1,186	84,529
829	244	1,550	0	207	0	1,187	77,814
686	213	1,504	0	224	0	1,187	68,159
626	196	1,392	0	427	0	1,187	63,505
580	184	1,370	0	376	0	1,186	59,807
625	176	1,145	0	471	0	1,187	61,281
606	178	1,225	2	389	0	1,187	62,125
610	180	1,144	0	358	0	1,187	60,472
570	173	1,141	0	39	0	1,186	58,348
669	193	1,378	0	299	0	1,187	62,880
847	255	1,697	0	424	0	1,187	79,619
887	266	1,868	0	415	0	1,187	82,291
1,138	340	2,105	0	347	0	1,187	101,755
1,264	378	2,218	1	336	0	1,186	109,884
1,076	338	2,035	29	361	0	1,188	97,488
824	264	1,501	3	381	1	2,470	79,556
976	251	1,733	0	344	1	2,470	75,448
883	255	1,560	25	384	1	2,470	76,751
1,322	386	2,334	14	357	0	2,470	112,335
1,382	391	2,301	19	381	0	2,470	113,188
1,442	381	2,295	15	396	0	2,470	110,489
1,479	409	2,334	20	301	0	2,470	119,390
1,384	376	2,162	50	331	0	2,471	110,454
1,327	380	2,058	40	398	0	2,470	109,729
1,084	326	1,839	37	337	0	2,470	94,792
1,066	310	2,014	11	264	0	2,470	91,062
1,355	364	2,291	8	399	0	2,470	110,831
1,152	318	1,977	23	393	0	2,470	95,286
948	265	1,617	3	257	0	2,470	82,667

837	223	1,464	0	362	0	2,471	74,056
707	222	1,598	0	271	0	2,470	68,976
692	202	1,084	0	363	0	2,470	63,577
668	187	1,483	0	383	0	2,470	65,548
678	178	1,396	0	368	0	2,470	65,482
726	200	1,549	0	325	0	2,470	66,376
823	214	1,501	0	335	0	2,470	72,738
860	239	1,572	5	254	0	2,470	76,434
719	199	1,388	0	316	0	2,471	68,225
601	167	1,314	0	317	0	2,470	57,412
749	216	1,633	0	376	1	2,470	70,844
616	167	1,338	0	80	0	2,470	63,631
710	202	1,463	9	387	0	2,470	70,718
761	207	1,206	0	385	0	2,470	69,594
951	254	1,765	0	359	0	2,470	82,782
831	236	1,461	3	370	0	2,471	78,230
825	245	1,541	0	117	1	2,470	74,467
1,090	321	1,960	1	338	0	1,951	95,829
1,175	325	2,001	0	290	0	1,951	98,657
1,080	295	1,961	0	332	1	1,951	91,039
1,265	338	2,008	12	358	0	1,951	100,794
1,126	326	1,961	2	232	0	1,951	97,226
817	227	1,426	0	345	0	1,951	75,088
611	183	1,282	0	359	1	1,951	63,173
689	200	1,577	0	366	0	1,951	68,824
782	217	1,553	0	373	0	1,951	75,487
893	251	1,710	0	410	0	1,951	78,752
1,185	326	1,781	0	387	1	1,951	97,792
1,122	325	2,016	0	308	0	1,951	99,675
980	289	1,775	1	268	0	1,951	89,816
1,153	347	1,999	0	387	0	1,951	104,593
1,147	341	2,097	0	402	0	1,951	99,281
1,122	314	1,894	243	382	1	1,951	95,123
1,290	357	2,098	3	324	0	1,951	104,640
1,667	397	2,388	0	315	0	1,951	116,775
1,930	341	1,918	0	345	0	1,951	104,008
923	273	1,845	5	280	0	1,951	84,386
1,064	305	1,855	0	311	1	1,951	91,108
1,283	378	2,285	4	377	0	1,951	111,213
1,159	326	1,957	1	385	0	1,951	97,498
943	266	1,676	6	104	0	1,951	82,882
1,166	318	1,959	7	83	1	1,951	98,231
1,306	354	2,113	0	341	0	1,951	106,994
1,202	342	2,013	3	214	0	1,951	102,482
1,040	313	1,945	2	258	0	1,952	90,906
1,159	196	1,449	0		0	1,725	73,917
1,071	184	1,386	0		0	1,725	70,993

1,028	197	1,363	0	0	1,725	65,007
765	171	1,284	0	0	1,726	56,730
499	145	1,159	0	1	1,725	51,973
576	151	1,227	0	0	1,725	58,125
712	153	1,133	0	0	1,726	59,257
752	153	1,183	0	0	1,725	57,619
582	129	1,140	0	0	1,725	50,353
617	138	1,067	0	0	1,726	54,961
620	142	1,230	0	0	1,725	54,806
463	128	1,188	0	1	1,725	50,718
531	143	1,174	0	0	1,726	52,682
725	181	1,418	0	0	1,725	63,126
761	180	1,168	0	0	1,725	61,797
876	215	1,506	0	0	1,726	71,772
937	243	1,717	0	1	1,725	77,982
1,048	289	1,793	4	0	1,725	89,188
782	239	1,619	4	0	1,726	72,791
605	169	1,281	0	0	1,725	57,448
738	185	1,391	0	0	1,725	65,103
764	197	1,433	0	1	1,726	64,113
757	197	1,343	0	0	1,725	66,123
670	204	1,318	7	0	1,725	65,891
720	204	1,374	0	0	1,726	66,388
726	203	1,463	0	0	1,725	67,302
976	246	1,687	1	1	1,725	79,580
1,065	265	1,711	0	0	1,726	82,487
937	228	1,617	0	0	1,725	80,186
974	250	1,654	0	0	1,725	81,975
921	270	1,706	2	1	1,726	81,155
837	257	1,596	0	0	521	76,033
776	235	1,355	0	0	521	70,839
799	243	1,695	0	0	521	76,293
1,022	272	1,688	0	0	521	81,452
914	252	1,573	0	1	522	75,482
792	208	1,515	2	0	522	70,335
725	184	1,335	0	0	522	63,484
989	218	1,395	0	0	522	69,219
1,227	358	2,002	0	0	523	101,575
1,285	382	2,220	6	0	522	110,078
1,403	361	2,227	4	0	522	105,122
1,407	379	2,242	2	0	522	110,313
1,043	281	1,915	1	1	522	85,146
903	234	1,642	0	0	523	72,981
1,244	283	1,868	1	0	522	85,574
1,310	385	1,931	0	0	522	108,632
1,435	417	2,441	1	0	522	118,218
1,476	400	2,386	2	0	523	114,283

1,324	348	2,164	6		0	522	100,771
1,117	287	1,827	0		0	522	86,815
1,011	258	1,794	1		1	522	83,799
920	246	1,642	0		0	522	82,141
890	262	1,529	0		0	523	77,040
767	218	1,599	0		0	522	70,620
1,032	235	1,553	0		1	522	74,876
965	250	1,784	0		0	522	79,894
864	226	1,367	0		0	523	69,291
862	236	1,607	0		0	522	75,367
750	222	1,603	0		1	522	69,925
580	173	1,300	0		0	522	56,577
657	178	1,466	0		0	523	62,298
669	204	1,456	0		0	2,476	70,267
857	243	1,596	0		1	2,476	73,745
970	277	1,832	0		0	2,477	86,947
1,040	271	1,575	0		0	2,476	88,522
847	251	1,598	0		0	2,476	78,272
670	219	1,244	0		0	2,477	67,063
804	226	1,615	0		1	2,476	72,831
1,116	318	1,975	0		0	2,476	97,337
1,152	326	2,034	16		0	2,477	100,741
1,120	323	2,018	6		0	2,476	103,417
1,017	292	1,935	10		0	2,476	93,620
1,174	347	2,087	1		1	2,477	104,633
1,110	327	1,957	2		0	2,476	96,609
948	291	1,796	0		0	2,476	88,682
725	217	1,442	0		0	2,477	75,924
800	225	1,704	0		1	2,476	77,329
845	233	1,362	0		0	2,476	74,302
718	217	1,464	0		0	2,477	64,614
604	174	1,255	0		0	2,476	59,667
545	174	1,446	0		0	2,476	60,076
576	170	1,331	0		1	2,477	58,987
726	183	1,391	0		0	2,476	64,809
728	183	1,314	0		0	2,476	63,451
768	199	925	0		0	2,477	67,607
827	205	1,506	0		0	2,476	70,578
650	168	1,358	0		1	2,476	61,506
423	115	1,156	0		0	2,477	45,657
621	189	1,370	0		0	2,476	63,594
801	227	1,500	0		0	2,477	75,322

No.	Description	Rate	Quantity	Amount
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