Verification Data Report

2010 Census

Reapportionment of Oakland County Board of Commissioners

Plan Name: GOP 1st Amendment

Prepared by: Michael Gingell

Submission Date: 04/06/2012

Validation Date: 04/06/2012

Validated By: Plat Engineering Department

Validated Yes/No   Yes

1. **Run "Population Summary Report (Legal)".**
   a. All districts shall be single-member districts and be as nearly of equal population as is practicable.

Number Districts	Median Population	Low Populated	Dist #	Deviation	High Populated	Dist #	Deviation	Total Deviation
21	57,255	54,889	21	4.1	59,651	10	4.2	8.3

2. **Run "Check Plan Errors" report.**
   a. This Verify Plan tool allows you to check your current plan for errors in contiguity, unassigned, areas, and split features.
      i. Number of dis-contiguous Districts   0
      ii. Number of unassigned Precincts   0
   b. *Validation.*
      i. *Number of dis-contiguous Districts   0*
      ii. *Number of unassigned Precincts   0*

Dis-contiguous Districts		
District	Dis-contiguous Yes/No	Precincts involved
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

No Dis-contiguous Districts

Unassigned Precincts			
Precinct #	CVT Location	Adjacent Districts	Comments

No Unassigned Precincts

3. **Run "Identify Splits" report, then "Split Geography" and "Split Geography by Geography" reports.**
   a. This Identify Splits tool allows you to create a layer identifying the census data (precincts) which are split by the current District configuration. *(Precincts shall be divided only if necessary to meet the population standard).*
      i. Number of split Precincts   Old __9__ New _0_   Waterford _0__
   b. *Validation.*
      i. *Number of split Precincts New + Waterford   _0__*

Split Precincts			
Precinct #	CVT Location	Adjacent Districts	Comments
27	City of Troy	16 / 20	Precincts were redefined/No splits within new precincts
1	City Royal Oak	19 / 20	Precincts were redefined/No splits within new precincts
5	City Royal Oak	19 / 20	Precincts were redefined/No splits within new precincts
6	City Royal Oak	19 / 20	Precincts were redefined/No splits within new precincts
10	City Royal Oak	19 / 20	Precincts were redefined/No splits within new precincts
23	Waterford	4 / 5	Precincts were redefined/No splits within new precincts
20	West Bloomfield	5 / 13	Precincts were redefined/No splits within new precincts
8	Oak Park	17 / 18	Precincts were redefined/No splits within new precincts
9	Oak Park	17 / 18	Precincts were redefined/No splits within new precincts

4. **Run "Compactness Analysis" and "Compact Analysis (Legal)" reports.**

a. All districts shall be as compact and of as nearly square as is practicable, depending on the geography of the county area involved.
    i. Yes   ____   (This Process is up to Judicial Interpretation)
    ii. No   ____

b. *Validation*
    i. Yes   ____
    ii. No   ____

c. Before running any of the above reports; in **Analysis Tools** select and run **Compactness Analysis** function. (Make sure all districts are checked, and all defined measures are checked. Leave User Defined unchecked.)

Compactness Analysis

District	Polsby Method		Scwartzberg		Roeck-Ehrenberg		Compact Yes/No
	Value	As a %	Value	As a %	Value	As a %	
1	.38	38.1	.81	80.8	.26	26.4	
2	.65	64.9	.90	90.5	.35	34.8	
3	.47	446.5	.80	79.7	.22	21.8	
4	.31	31.4	.74	73.9	.25	25.4	
5	.42	41.7	.84	84.2	.39	38.8	
6	.51	51.1	.93	93.2	.26	25.6	
7	.47	47.1	.87	86.7	.26	26.3	
8	.58	58.1	.89	88.8	.44	44.1	
9	.64	64.0	.93	92.5	.36	35.5	
10	.48	47.6	.84	83.9	.37	37.5	
11	.32	32.0	.66	66.3	.24	24.0	
12	.48	47.5	.84	83.8	.28	28.3	
13	.31	31.0	.65	65.1	.18	18.0	
14	.21	21.3	.65	64.6	.11	10.6	
15	.57	57.2	.91	91.1	.32	32.3	
16	.25	24.8	.70	69.9	.26	26.2	
17	.46	46.3	.80	79.7	.30	29.7	
18	.42	42.2	.83	82.6	.22	22.0	
19	.56	56.4	.90	89.9	.32	32.0	
20	.30	29.9	.66	65.9	.27	26.7	
21	.43	42.5	.87	87.3	.25	24.8	
High	.65	64.9	.93	93.2	.44	44.1	
Low	.21	21.3	.65	64.6	.11	10.6	
Average	.44	43.9	.81	81.0	.28	28.1	

5. **Print Map and Identify District Township and City Distribution.**

a. No township or part thereof shall be combined with any city of part thereof, for a single district, unless such combination is needed to meet the population standard.
    i. Number of districts with combined townships and cities   9
b. _Validation._
    i. _Number of districts with combined townships and cities_   _9_

District CVT Assignment					
District	Complete Townships	Partial Townships	Complete Cities	Partial Cities	Township/City Combination
1	1	1	1	1	Y
2	5	0	0	0	N
3	4	0	0	0	N
4	0	2	0	0	N
5	0	2	3	0	Y
6	1	1	0	0	N
7	1	1	1	0	Y
8	2	0	2	0	Y
9	1	0	2	0	Y
10	0	0	1	0	N
11	0	0	0	3	N
12	0	1	2	0	Y
13	0	2	0	1	Y
14	1	0	1	1	Y
15	0	0	1	1	N
16	0	0	1	1	N
17	0	0	1	2	N
18	1	0	3	1	Y
19	0	0	1	1	N
20	0	0	2	2	N
21	0	0	0	2	N
Total					9

6. **From Printed Map Identify Whole and Split Townships and Cities.**
    a. Townships, Villages, or Cities shall be divided if necessary to meet the population standard.
    b. SEE TABLES NEXT PAGE.

Number of whole Townships			17				
Number of whole Cities			4				
Number of split Townships			24				
Number of split Cities			7				
Number of Township Splits			6				
Number of City Splits			10				

Township & City Completeness Report

Township	Whole	Split	No. Splits	City	Whole	Split	No. Splits
Holly	X			Clarkston	X		
Groveland	X			Pontiac	X		
Brandon	X			Lake Angelus	X		
Oxford	X			Auburn Hills		X	1
Addison	X			Rochester Hills		X	1
Oakland	X			Rochester	X		
Orion	X			Troy		X	2
Independence		X	1	Bloomfield Hills	X		
Springfield	X			Birmingham	X		
Rose	X			Sylvan Lake	X		
Highland	X			Keego Harbor	X		
White Lake	X			Orchard Lake	X		
Waterford		X	2	Walled Lake	X		
Bloomfield		X	1	Wixom	X		
West Bloomfield		X	2	South Lyon	X		
Commerce	X			Novi	X		
Milford	X			Northville	X		
Lyon	X			Farmington Hills		X	2
Novi	X			Farmington	X		
Southfield	X			Southfield		X	1
Royal Oak	X			Lathrup Village	X		
				Oak Park		X	1
				Royal Oak		X	2
				Berkley	X		
				Huntington Woods	X		
				Pleasant Ridge	X		
				Ferndale	X		
				Hazel Park	X		
				Madison Heights	X		
				Clawson	X		
				Fenton	X		
Total	17	4	6	Total	24	7	10

7. **Residents of state institutions who cannot by law register in the county as electors shall be excluded from any consideration of representation.**

8. **Districts shall not be drawn to effect political advantage.**

9. **Run "Summary Majority Minority", "Racial Demographics" and Voting Age Minority Population Report(Legal)" reports.**

   a. At least 3 (three) districts shall be created to represent a minority population base.

District Number	Total Population	Total All Minority's Percent	Total Voter Population	Voter Black Minority Percent
10	59,651	72.70	43,427	50.8
17	55,873	67.08	43,119	63.9
21	54,889	59.06	43,667	54.1

Verified by: Validation date:

   Ron Crank   04/06/2012

Department: Plat Engineering

If plan cannot be verified please indicate the reason and describe corrective action: