

Appendix B
Impervious Area Calculations
Single Family Residential Random Sample

CLEONA BOROUGH AUTHORITY
AVERAGE IMPERVIOUS AREA DETERMINATION FOR SINGLE FAMILY RESIDENTIAL PROPERTIES (SFR) IN BOROUGH

Randon ID No.	Parcel ID/ Acres	Parcel Address	Impervious Area, sf			Outliers	Total Lot Area, sf.
			Buildings	Other	Total		
3	24742 0.49	3752 Hill Church Rd	3,010.0	3,346.0	6,356.0	Yes	22,640.0
19	15866 0.38	715 E Pine St	1,771.7	881.5	2,653.2	No	16,427.6
42	16347 0.17	49 Rosemont Ave	1,652.4	264.8	1,917.2	No	7,646.1
71	16559 0.17	32 Rosemont Ave	1,553.3	547.1	2,100.4	No	7,290.8
77	16601 0.16	22 Willow Ave	914.6	357.4	1,272.0	No	6,863.9
142	16972 0.22	406 E Maple St	1,637.0	834.4	2,471.4	No	9,621.6
215	17214 0.12	313 E Penn Ave	1,535.7	1,194.5	2,730.2	No	5,248.3
217	30089 0.12	108 N Center St	2,018.6	734.5	2,753.1	No	5,178.7
269	30147 0.24	119 E Penn Ave	1,753.5	1,556.0	3,309.5	No	10,333.7
272	30148 0.16	103 N Washington Ave	2,644.1	2,812.5	5,456.6	Yes	7,256.2
274	30150 0.24	109 E Penn Ave	2,590.6	1,047.9	3,638.5	No	10,117.6
317	30185 0.1	118 W Maple St	1,048.1	697.8	1,745.9	No	4,463.7
320	17270 0.35	339 E Chestnut St	2,197.6	1,445.8	3,643.4	No	15,301.0
365	30221 0.15	40 E Penn Ave	990.8	69.9	1,060.7	No	6,726.2
391	30242 0.09	2 E Penn Ave	1,628.5	300.5	1,928.9	No	3,679.4
399	17351 0.32	403 E Walnut St	3,718.3	754.4	4,472.7	No	13,999.9
404	30251 0.18	20 S Lincoln St	1,991.5	840.1	2,831.6	No	8,118.9
424	30265 0.7	325 W Penn Ave	2,406.3	2,058.3	4,464.6	No	31,303.5
452	17468 0.28	204 S Christian St	1,376.1	629.7	2,005.8	No	12,254.3
487	30317 0.26	111 E Walnut St	3,467.9	976.8	4,444.7	No	11,479.9
511	30337 0.37	21 E Walnut St	2,596.6	2,052.0	4,648.6	No	15,782.6
560	30381 0.17	130 W Chestnut St	1,238.2	306.1	1,544.3	No	7,536.2
565	30386 0.16	200 W Chestnut St	1,122.4	661.4	1,783.9	No	6,861.4
599	30420 0.21	135 Walnut St	2,270.2	1,400.9	3,671.1	No	9,220.2
645	30470 0.11	7 Dogwood Ln	876.9	415.8	1,292.7	No	5,106.9
658	17806 0.57	266 S Christian St	2,191.3	594.3	2,785.7	No	27,787.8
702	30544 0.11	10 Dogwood Ln	1,200.4	354.6	1,555.0	No	5,147.1
703	30545 0.21	550 W Chestnut St	1,454.3	874.3	2,328.5	No	9,170.8
705	30548 0.13	23 Dogwood Ln	730.4	317.4	1,047.8	No	5,463.6
706	30551 0.19	210 S Wilson St	1,594.2	2,251.1	3,845.3	No	8,841.1
714	30560 0.16	227 W Locust St	1,383.1	597.5	1,980.6	No	6,574.5
737	30602 0.14	9 Walnut Mill Ln	622.6	332.8	955.4	No	5,968.1
752	30653 0.12	22 Dogwood Ln	867.1	350.8	1,217.9	No	5,337.8
756	30660 0.13	15 Walnut Mill Ln	834.7	286.5	1,121.2	No	5,415.5
768	30689 0.14	17 Walnut Mill Ln	1,233.2	280.9	1,514.1	No	5,681.0
788	30741 0.12	7 Natalie Ln	774.3	405.5	1,179.8	No	5,212.7
791	30754 0.12	16 Walnut Mill Ln	772.2	63.0	835.1	No	5,318.4
806	30793 0.12	219 S Center St	1,252.8	318.8	1,571.6	No	5,764.6
821	30831 0.12	223 S Center St	1,094.3	571.9	1,666.2	No	5,300.9
856	30938 0.12	235 S Center St	1,428.1	322.1	1,750.2	No	5,009.7
857	30941 0.11	44 Dogwood Ln	423.7	349.8	773.6	No	4,759.4
870	31010 0.16	57 Dogwood Ln	863.6	287.9	1,151.5	No	5,258.7

Impervious Area (IA) Determination Summary			
Total Parcels in Borough	886	Mean IA of Buildings, sf	1,588.8
Total Non Residential Properties	142	Mean IA of Other Areas, sf	827.3
Total Residential Properties	744	Mean Total IA, sf	2,416.1
Random Sample %	5.0%	Mean Total Lot Area, sf	9,106.4
Random Parcel Count Required	37	Mean IA Percent per Lot	26.5%
		Standand Deviation, sf	1345.0
		Mean - 2 x Standard Deviations, sf	0
		Mean + 2 x Standard Deviations, sf	5106.0
		Adjusted Total IA per Lot, sf	2,241.6
		USE 1 ERU (sf) =	2500






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**RESIDENTIAL PARCEL 15866
 SURFACE CALCULATIONS**

Legend

TYPE

-  Building
-  Impervious
-  Parcel

