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## CITY OF NEWARK STORMWATER UTILITY PROGRAM

### **POLICY: ERU DETERMINATION**

#### **DISCUSSION:**

The primary steps involved in determining the Equivalent Residential Unit (ERU) for the City of Newark Stormwater Utility Program are as follows:

- Generate a random sample of residential properties from an existing database;
- Identify the impervious area within each property;
- Digitize (measure) the amount of impervious area within each property;
- Estimate the population ERU from the sample ERU;
- Perform a statistical analysis on the data to determine the 95% confidence level and 5% confidence interval. This will determine the number of adequate samples to validate the estimate used for the population ERU.

#### GENERATE RANDOM SAMPLE

The Technical Advisory Committee held meetings relating to specific billing issue policies. The consensus reached in defining residential properties included two land use categories:

- Single-Family Residential Properties; and
- Two-Family (Duplex) Properties.

All properties from these land use category were used to generate a random sample to determine the average impervious area. The Project Team used data provided by the Licking County Auditor's office to determine the total number of properties that are located within the City of Newark, and are in these two land use categories. The total number of properties in these two land use categories is 13,519. Each of the 13,519 records were randomized and then assigned a random number using a random number generating Excel™ add-in program. The sample size was determined (372), and the first 600 records were selected for impervious area measurement. Since the Project Team used land use codes provided by the Licking County Auditor in determining the population size (13,519), 600 properties were selected in the event that a property was vacant (no structures), demolished, or was developed after the date of the aerial photography. The measured properties are shown in Table 1 of the Appendix.

## SAMPLE SIZE DETERMINATION

The representative sample size can be calculated by using the following formula:

$$S = \frac{X^2 NP(1-P)}{d^2 (N-1) + X^2 P(1-P)} \text{ Where,}$$

S = required sample size

N = the given population size

P = population proportion that for table construction has been assumed to be .50, as this magnitude yields the maximum possible sample size required  
d = the degree of accuracy as reflected by the amount of error that can be tolerated in the fluctuation of a sample proportion p about the population proportion P - the value for d being .05 in the calculations for entries in the table, a quantity equal to

$$\pm 1.96 \sigma_p$$

X<sup>2</sup> = table value of chi square for one degree of freedom relative to the desired level of confidence, which was 3.841 for the .95 confidence level represented by entries in the table.

A table has been provided in the Appendix, that shows various samples sizes for a variety of different population sizes. The table provides the required sample size for the City of Newark residential sample to be between the range of 370 and 375 and is within +/- .05 (confidence interval) of the total population, and with a 95% level of confidence.

### Confidence Level

Confidence level tells how sure you are that the results are accurate. It is expressed as a percentage (95% for this sample) and represents how often the true percentage of the population is represented in the sample. For this project, we are 95% sure that the entire population is represented.

### IDENTIFY IMPERVIOUS AREA

The City of Newark's Geographic Information System (GIS) database and base mapping information were used to identify and measure the properties. After locating the property and determining that the property contained impervious area, the impervious area was measured and recorded in a spreadsheet for that property. All layers containing impervious area measurements were identified and saved for further analysis.

### ESTIMATE POPULATION ERU

To estimate the population ERU the sample mean and standard deviation were calculated and the results shown below:

*Sample mean (x) = 2,537 sq. ft. of impervious surface*

*Standard deviation (σ) = 53 sq ft*

Number of Samples = 391

$\alpha = 0.05$  (at 95% confidence)

$z_{\alpha/2} = 1.96$

To arrive at a 95% confidence level for the population mean the following formula was used:

$$[x + \alpha * (\sigma/(n^{1/2}))] < u < [x + \alpha * (\sigma/(n^{1/2}))]$$

Where u is an estimate of the population mean (average impervious area for all residential properties within the City of Newark).

### Confidence Interval

Using the result from the above formula, the 95% confidence interval was found to be in a range between of +/- 4.9% of the mean, or between 2,412 sq. ft. and 2,661 sq. ft. of impervious area (see chart below). This translates into a 95% confidence that the true population mean is within the stated range. Theoretically, the Project Team could use any one number between the confidence intervals to represent the ERU. The lower number (2,412 sq. ft.) would generate more Equivalent Residential Units (ERUs) within the City due to the effect on non-residential properties. On the other hand, the higher (2,661 sq. ft.) number would generate a lower number of ERUs. However, the Project Team believes the impact on revenues is insignificant and the decision should center on ease of implementation. Application of 2,600 sq.ft. representing one ERU would appear to be more practical since it is more representative of the actual sample mean of 2,537 sq. ft.

### **RECOMMENDATION:**

The Project Team recommends the City of Newark Stormwater Utility Program use 2,600 square feet of impervious area to represent one (1) Equivalent Residential Unit (ERU).

### **ACTION:**

Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**APPENDIX**

Sample Size Table

TABLE FOR DETERMINING NEEDED SIZE  $S$  OF A RANDOMLY CHOSEN SAMPLE FROM A GIVEN FINITE POPULATION OF  $N$  CASES SUCH THAT THE SAMPLE PROPORTION  $p$  WILL BE WITHIN  $\pm .05$  OF THE POPULATION PROPORTION  $P$  WITH A 95 PERCENT LEVEL OF CONFIDENCE

Population Size	Sample Size	Population Size	Sample Size	Population Size	Sample Size
10	10	220	140	1200	291
15	14	230	144	1300	297
20	19	240	148	1400	302
25	24	250	152	1500	306
30	28	260	155	1600	310
35	32	270	159	1700	313
40	36	280	162	1800	317
45	40	290	165	1900	320
50	44	300	169	2000	322
55	48	320	175	2200	327
60	52	340	181	2400	331
65	56	360	186	2600	335
70	59	380	191	2800	338
75	63	400	196	3000	341
80	66	420	201	3500	346
85	70	440	205	4000	351
90	73	460	210	4500	354
95	76	480	214	5000	357
100	80	500	217	6000	361
110	86	550	226	7000	364
120	92	600	234	8000	367
130	97	650	242	9000	368
140	103	700	248	10000	370
150	108	750	254	15000	375
160	113	800	260	20000	377
170	118	850	265	30000	379
180	123	900	269	40000	380
190	127	950	274	50000	381
200	132	1000	278	75000	382
210	136	1100	285	100000	384

**Table 1**

PIN	Combined Address	Area
5422882800000	3029 JAMES RD	5194
5423002200000	315 THORNWOOD DR	6158
5424391800000	45 RAMONA AVE	1705
5424633000000	87 RAMONA AVE	1919
5423416800000	90 RAMONA AVE	1475
5424625200000	148 ANNETTE AVE	1629
5424316800000	136 ANNETTE AVE	1349
5424588000000	124 ANNETTE AVE	1595
5424652800000	80 ANNETTE AVE	1653
5423440200000	1684 W MAIN ST	3316
5423461200000	1634 E MAIN ST	3228
5423329205000	1856 REDDINGTON RD	2905
5423329209000	1812 REDDINGTON RD	2404
5423324400011	229 CHERRY BEND DR	2545
5423324400031	208 CHERRY GROVE DR	2460
5423329243017	1900 LAKEVIEW DR	3061
5423729400000	1734 CHERRYWOOD DR	4256
5424056400000	1753 CHERRYWOOD DR	4662
5423464200000	109 GARRICK ST	2808
5423760600000	110 GARRICK ST	2783
5424511800000	93 GARRICK ST	3060
5424571800000	60 GARRICK ST	3252
5424302401000	110 TERRACE AVE	7418
5423655000000	90 TERRACE AVE	3141
5424150600000	204 WESTMOOR AVE	2406
5424193200000	105 WESTMOOR AVE	2856
5423931000000	138 WESTMOOR AVE	3698
5423331034000	266 WESTMOOR AVE	3690
5423331037000	310 WESTMOOR AVE	2348
5423331019000	331 WESTMOOR AVE	2940
5423331053007	266 LITTLE FAWN DR	2665
5423331005000	226 MCMILLEN DR	5268
5424303000000	1196 EVANSDALE AVE	3423
5422811400000	1191 W MAIN ST	2356
5422605600000	29 S 34TH ST	2313
5422749600000	59 S 34TH ST	4052
5422882200000	46 S 34TH ST	3624
5421851400000	123 S 33RD ST	3070
5422167600000	94 S 32ND ST	3029
5422027200000	127 S 31ST ST	1541
5422999200000	1085 W MAIN ST	3294
5424051000000	1120 MOUNDBUILDERS RD	3663
5424435000000	83 N 31ST ST	2621
5423596800000	60 N 31ST ST	1768
5423801400000	132 S 30TH ST	4605

5424409200000	1006 FAIRBANKS AVE	1805
5424637800000	1001 GUCKERT AVE	2483
5423777400000	1001 FAIRBANKS AVE	3887
5424529200000	992 GLENMORE AVE	1890
5423946600000	1006 GUCKERT AVE	1589
5424273600000	920 W MAIN ST	3100
5422273800000	20 S 25TH ST	3139
5421790200000	46 S 24TH ST	2444
5421832800000	77 S 21ST ST	2688
5422770600000	132 CAMBRIA ST	1819
5422069200000	51 S 27TH ST	2896
5421710400000	209 DECROW AVE	4327
5422355400000	129 HANCOCK ST	3135
5421788400000	121 HANCOCK ST	1878
5422782600000	130 RILEY ST	2971
5423263800000	96 RILEY ST	3087
5422647600000	78 RILEY ST	2876
5422664400000	893 IDLEWILDE AVE	1299
5422511400000	101 BURT AVE	1892
5422759800000	142 GRANT ST	3774
5422759200000	177 S WILLIAMS ST	1245
5422545600000	66 GRANT ST	1783
5422407600000	54 S WILLIAMS ST	1549
5422292400000	94 BURT AVE	3401
5423082600000	225 S WILLIAMS ST	1089
5423029800000	650 EDGEWOOD DR	3719
5421917400000	638 EDGEWOOD DR	3737
5423122800000	560 SENECA DR	2643
5422117200000	551 SENECA DR	2200
5421926400000	483 RIDGEFIELD RD	2293
5422992600000	489 RIDGEFIELD RD	1962
5421969000000	524 SENECA DR	2456
5421838200000	550 RIDGEFIELD RD	1948
5423191200000	540 SEROCO AVE	980.2
5422813200000	525 SEROCO AVE	1809
5423032200000	454 SEROCO AVE	1803
5422299600000	470 DANIEL AVE	1164
5423151600000	378 SEROCO AVE	801.7
5422059000000	408 SEROCO AVE	1322
5422817400000	24 POUND ST	950.8
5422904400000	29 S PINE ST	1748
5422724400000	330 ZELORA AVE	687.2
5420949600000	38 FRANKLIN AVE	5423
5420882400000	60 GAINOR AVE	1897
5420961600000	574 EDGEMONT RD	2101
5421297600000	578 EDGEMONT RD	754.5
5421596400000	142 WILWOOD AVE	1152

5421442200000	233 S 5TH ST	999.5
5420382600000	140 S 6TH ST	1631
5421465600000	39 WILWOOD AVE	1994
5421093600000	34 WILWOOD AVE	1505
5421931200000	275 WILSON ST	768.7
5422820400000	259 WILSON ST	2299
5422563000000	177 JEFFERSON ST	1970
5422077000000	203 WILSON ST	2793
5422210200000	115 JEFFERSON ST	1035
5423164800000	196 WILSON ST	3160
5423450400000	358 W MAIN ST	1237
5423967600000	356 W MAIN ST	928.3
5424844200000	48 WESTERN AVE	1358
5425321200000	225 W CHURCH ST	1820
5424519000000	72 DAY AVE	1408
5423885400000	544 W MAIN ST	2121
5424153600000	28 FULTON AVE	2033
5424612000000	28 N WILLIAMS ST	2676
5424622200000	54 FULTON AVE	2083
5424061800000	23 BOWERS AVE	1011
5424495600000	63-63.5 S WILLIAMS ST	2173
5424072000000	84 N WILLIAMS ST	1866
5424024600000	87 N WILLIAMS ST	800.1
5424274800000	123 FULTON AVE	1559
5424144000000	127 DAY AVE	2529
5423671800000	145 NEAL AVE	2298
5424604800000	160 LINDEN AVE	2662
5423809800000	171 LINDEN AVE	2103
5424655200000	170 N 21ST ST	1691
5421891600000	975 IDLEWILDE AVE	1278
5423773800000	116 N 25TH ST	2369
5424643800000	85 N 23RD ST	1351
5424012600000	76 N 24TH ST	1805
5423944200000	1013 FAIRLAWN AVE	2098
5424244200000	994 FAIRLAWN AVE	1324
5423908800000	935 WOODLAWN AVE	1745
5423905800000	981 WOODLAWN AVE	1796
5423370600000	976 WOODLAWN AVE	1234
5423512200000	969 LAWNVIEW AVE	2241
5424509400000	964 LAWNVIEW AVE	3337
5423701200000	958 LAWNVIEW AVE	1942
5429247000000	226 GREGORY DR	2873
5428863000000	241 GREGORY DR	2959
5428692600000	232 BRENTON DR	2156
5428707000000	248 BRENTON DR	4041
5429272800000	188 GREGORY DR	2999
5429233200000	117 GREGORY DR	3513



5429441400000	88 GREGORY DR	3229
5429131800000	76 BRENTON DR	2879
5428743000000	113 BRENTON DR	2843
5429087400000	546 DERBY DOWNS RD	4563
5429125306000	490 DERBY DOWNS RD	2744
5427623400000	352 MYRTLE AVE	3270
5427927600000	1604 WYNNEWOOD DR	3358
5427948600000	1548 WYNNEWOOD DR	2751
5427362400000	369 SABRECUTT DR	3021
5427961800000	1516 KENARBRE DR	2636
5428761600000	1472 MOLOVISTE AVE	4322
5429293200000	1433 MOLOVISTE AVE	4190
5428642200018	1370 INDEPENDENCE CT	2846
5428642200007	565 GOOSEPOND RD	2614
5426992800074	1659 CAROLINA DR	3022
5426992800073	1651 CAROLINA DR	2736
5424129600000	958 FAIRLAWN AVE	3272
5423865600000	909 FAIRLAWN AVE	2951
5424590400000	1047 W CHURCH ST	2988
5424078600000	1073 W CHURCH ST	1421
5423830200000	1072 W CHURCH ST	1560
5424826800000	540 KENWELL DR	2621
5425057200000	559 MANOR DR	4197
5425536000000	583 KENWELL DR	4540
5423329800002	945 JASON CT	2998
5423410200000	942 SHAW DR	2937
5423731800000	982 SHAW DR	3837
5424129000000	981 SHAW DR	3462
5423880600000	346 N 26TH ST	3040
5423698801000	844 W CHURCH ST	4906
5423788800000	175 N 21ST ST	1890
5424447000000	205 LINDEN AVE	2874
5424123000000	128 N 21ST ST	2852
5423569200000	99 N 21ST ST	2533
5424048600000	104 N 21ST ST	2428
5423383800000	64 N 22ND ST	1466
5424294000000	75 N 21ST ST	2186
5424281400000	783 COLUMBIA ST	3030
5424584400000	790 W LOCUST ST	3116
5424417600000	817 WALKER ST	2199
5424194400000	812 WALKER ST	3945
5424005400000	775 WALKER ST	6815
5425486800000	543 JUTLEW RD	1723
5425749000000	572 JUTLEW RD	3018
5424823200000	565 GRANVILLE ST	7197
5425345200000	240 HULL ST	2012
5424825600000	600 EUCLID AVE	2573

5425406400000	709 MEADOW DR	2510
5425055400000	686 KAREN PKWY	2347
5425189800000	675 EUCLID AVE	2237
5425914000000	710 EUCLID AVE	2647
5424789600000	475 DEERFIELD DR	1921
5424774000000	514 DEERFIELD DR	2460
5425144800000	446 DEERFIELD DR	2190
5425363800000	439 MOULL ST	2336
5425804200000	357 MOULL ST	1580
5426421000000	293 MOULL ST	2566
5425579800000	819 N 21ST ST	2977
5425665000000	824 N 21ST ST	3126
5425367400000	733 N 21ST ST	2487
5424883200000	724 SHERWICK RD	2795
5425374000000	730 MAXOLA AVE	4095
5429150400000	181 GREENFIELD AVE	3861
5429385000000	229 GREENFIELD AVE	4086
5428058400000	274 ENGLISH AVE	3047
5426768400000	242 RUGG AVE	2847
5426549400000	275 RUGG AVE	1419
5426256600000	269 RUGG AVE	1559
5426535000000	264 RUGG AVE	2327
5426241600000	621 KING AVE	2386
5426806200000	634 KING AVE	2939
5426571600000	193 RUGG AVE	1285
5426234400000	189 RUGG AVE	2850
5426526600000	188 RUGG AVE	2392
5426668200000	233 FAIRFIELD AVE	1539
5426695200000	217 FAIRFIELD AVE	2927
5426947200000	213 FAIRFIELD AVE	2559
5426158800000	218 MOULL ST	1724
5426838000000	173 FAIRFIELD AVE	2187
5426230800000	153 FAIRFIELD AVE	2158
5426938800000	142 MOULL ST	2167
5426390400000	155 MOULL ST	2834
5426304000000	444 WOODS AVE	2322
5426353800000	408 N 11TH ST	1658
5426815200000	395 WOODS AVE	1630
5426770800000	415 EDDY ST	2707
5426959800000	397 EDDY ST	2329
5426572200000	156 W SHIELDS ST	1794
5426263800000	341 BUCKINGHAM ST	2660
5426278800000	345 CENTRAL AVE	1846
5426580000000	328 CENTRAL AVE	2056
5426004600000	87 COMMODORE ST	1609
5426299800000	243 CENTRAL AVE	1250
5426241000000	246 BUCKINGHAM ST	902.5

5426294400000	78 PEARL ST	1713
5426432400000	110 HOOVER ST	1177
5426073000000	100 HOOVER ST	3738
5426674200000	64 CHESTNUT ST	1865
5427981000000	248 MT VERNON RD	1192
5427420000000	256 MT VERNON RD	1134
5427929400000	431 HUDSON AVE	2092
5427930600000	426 MT VERNON RD	2471
5427648000000	349 CLINTON ST	1376
5427243600000	195 CLINTON ST	1329
5427434400000	200 ELMWOOD AVE	1189
5426243400000	289 WOODS AVE	2303
5426190000000	281 WOODS AVE	2408
5426620800000	277 WOODS AVE	2390
5426326800000	227 HOOVER ST	1463
5425342800000	245 GRANVILLE ST	2131
5426631600000	329 N 10TH ST	1163
5419281000000	431 LEXINGTON AVE	1996
5419296600000	436 ARLINGTON AVE	2259
5418901800000	518 ARLINGTON AVE	2412
5419788600000	479 ARLINGTON AVE	1773
5419435200000	454 ARLINGTON AVE	3309
5419360200000	459 NEW HAVEN AVE	2004
5419713000000	374 RIDGE AVE	2164
5420075400000	385 RIDGE AVE	1966
5419761600000	515 LEXINGTON AVE	2323
5419301400000	386 BALLARD AVE	1825
5419603200000	361 RIDGE AVE	1641
5418765000000	236 OAKWOOD AVE	1930
5418831600000	259 WING ST	2739
5418826200000	457 GARFIELD AVE	2632
5419855200000	240 WING ST	2559
5419673400000	586 MCKINLEY AVE	1184
5419370400000	669 GARFIELD AVE	3164
5419372800000	762 MCKINLEY AVE	3646
5418864600000	820 LINWOOD AVE	1897
5418951600000	87 HOMEWOOD AVE	1484
5419553400000	746 RUSSELL AVE	1123
5419338000000	790 LOGAN AVE	1728
5419880400000	750 LOGAN AVE	1613
5419857000000	772 E MAIN ST	2393
5420067000000	756 E MAIN ST	1768
5424361200000	162 DAY AVE	3368
5427979200000	339 HUDSON AVE	6427
5427312000000	316 PIERSON BLVD	2430
5427565200000	281 PIERSON BLVD	2646
5427409200000	258 STARE RD	2508

5428151400000	294 STARE RD	1301
5427535800000	234 STARE RD	2210
5426665800000	303 STARE RD	3209
5426737800000	305 STARE RD	3523
5428121400000	349 PIERSON BLVD	2939
5426747400000	245 STARE RD	5075
5426967001003	764 S HAMPTON RD	3430
5426883000000	175 STARE RD	4317
5427378000000	209 PIERSON BLVD	2494
5427519000000	172 PIERSON BLVD	3672
5428097400000	186 PIERSON BLVD	3617
5427252600000	193 BACHMANN AVE	3305
5428002000000	247 NEWTON AVE	2776
5427588600000	223 NEWTON AVE	3840
5427156000000	1125 CRANWOOD DR	4048
5426166000000	669 KENNEDY ST	2259
5426065800000	473 MEADOWBROOK DR	2613
5426142000000	648 KING AVE	2661
5426380200000	429 CATALINA DR	3246
5426847600000	641 CANTERBURY CT	2516
5426557800000	655 CANTERBURY CT	3462
5426977800000	640 MELANIE CT	2335
5426475000000	393 ALFORD DR	3078
5425986600000	653 KING AVE	2849
5426732400000	471 KING CT	2379
5428170600000	187 BACHMANN AVE	3405
5421091200000	125 S 2ND ST	1824
5420614800000	95 S 3RD ST	1511
5421423000000	83 S 3RD ST	1542
5420944200000	47 WILSON ST	2514
5421282000000	33 CURTIS AVE	1307
5421431400000	73 CURTIS AVE	2416
5421304800000	59 CURTIS AVE	2463
5419509600000	512 E MAIN ST	1195
5419583400000	419 TUSCARAWAS ST	1688
5419968000000	55 DEWEY AVE	1875
5420085600000	81 DEWEY AVE	1182
5419321200000	76 DEWEY AVE	3844
5419330200000	30 FAIRMONT AVE	1319
5418787200000	33 IRWIN AVE	2172
5419789200000	35 MONROE AVE	2286
5419612800000	15 IRWIN AVE	1819
5419726200000	28 MONROE AVE	2578
5419772400000	49 MONROE AVE	1545
5419449000000	24 HOMEWOOD AVE	2689
5419271400000	702 E MAIN ST	2089
5426107200000	771 MT VERNON RD	6336

5427793800000	716 MT VERNON RD	2140
5427634800000	666 EVANS ST	1013
5427567000000	612 EVANS ST	2409
5427135000000	26 CHARLES ST	2147
5427783000000	588 MT VERNON RD	1347
5427946200000	494 HUDSON AVE	2815
5427397200000	552 PRIOR AVE	2385
5428035600000	492 MAPLE AVE	3276
5427895200000	495 HUDSON AVE	5875
5427691800000	469 MAPLE AVE	2350
5428096800000	424 PARK AVE	1761
5427378600000	60 E NORTH ST	2316
5427706800000	96 MANNING ST	2561
5427987600000	296 HUDSON AVE	2704
5427994200000	312 HUDSON AVE	3997
5426584800000	121 FAIRFIELD AVE	2667
5426206200000	109 FAIRFIELD AVE	2680
5425981200000	80 FAIRFIELD AVE	1867
5426641200000	68 FAIRFIELD AVE	1409
5426658600000	95 JEFFERSON RD	3132
5426361600000	94 JEFFERSON RD	2698
5426336400000	144 JEFFERSON RD	2342
5428090800000	303 PIERSON BLVD	3890
5428647000161	1119 EMPIRE DR	2093
5426929800000	1003 ADAMS AVE	2620
5428647000132	1005 LATEGLOW CT	2488
5426127600000	974 ADAMS AVE	2374
5426525400000	968 ADAMS AVE	2393
5428647000128	964 EMPIRE DR	3911
5428647000126	951 LATEGLOW CT	2141
5426832600000	934 HARDING CT	2399
5426797800000	934 CLEVELAND AVE	2213
5426506200000	928 CLEVELAND AVE	2161
5426308800000	902 ADAMS AVE	3283
5428647000044	902 EMPIRE DR	3770
5428647000053	685 ROBINSON DR	3680
5426384400000	639 TAFT AVE	2873
5428648200127	780 MIDWAY DR	2430
5428648200016	960 SHARON GLYN DR	2049
5428648200114	947 GLYN DENNIS DR	2504
5428648200079	903 GLYN OWEN CT	2437
5428648200083	895 SHARON GLYN DR	2447
5428648200033	949 GLYN EVANS CT	2133
5428648200029	922 GLYN EVANS CT	2431
5428648200124	1027 GLYN DENNIS DR	3878
5425520400000	891 N VILLAGE DR	4754
5425015200000	881 N VILLAGE DR	5939

5425111200000	862 N VILLAGE DR	4464
5424877800000	797 SMITHFIELD DR	3202
5425324200000	269 W LOCUST ST	1818
5425244400000	211 W LOCUST ST	3727
5425006800000	172 W LOCUST ST	1893
5424733200000	11 COLUMBIA ST	1178
5419468200000	348 CEDARCREST AVE	2343
5418747000000	329 CEDARCREST AVE	1598
5418796800000	247 HUNTER ST	923.1
5420029200000	213 HUNTER ST	2039
5420082600000	211 ROSE HILL AVE	2926
5419742400000	276 ROBBINS DR	2124
5418889800000	256 EVERETT AVE	2290
5419421400000	216 N GAY ST	999.2
5418808200000	182 N GAY ST	1968
5419834200000	167 FIELDE DR	1877