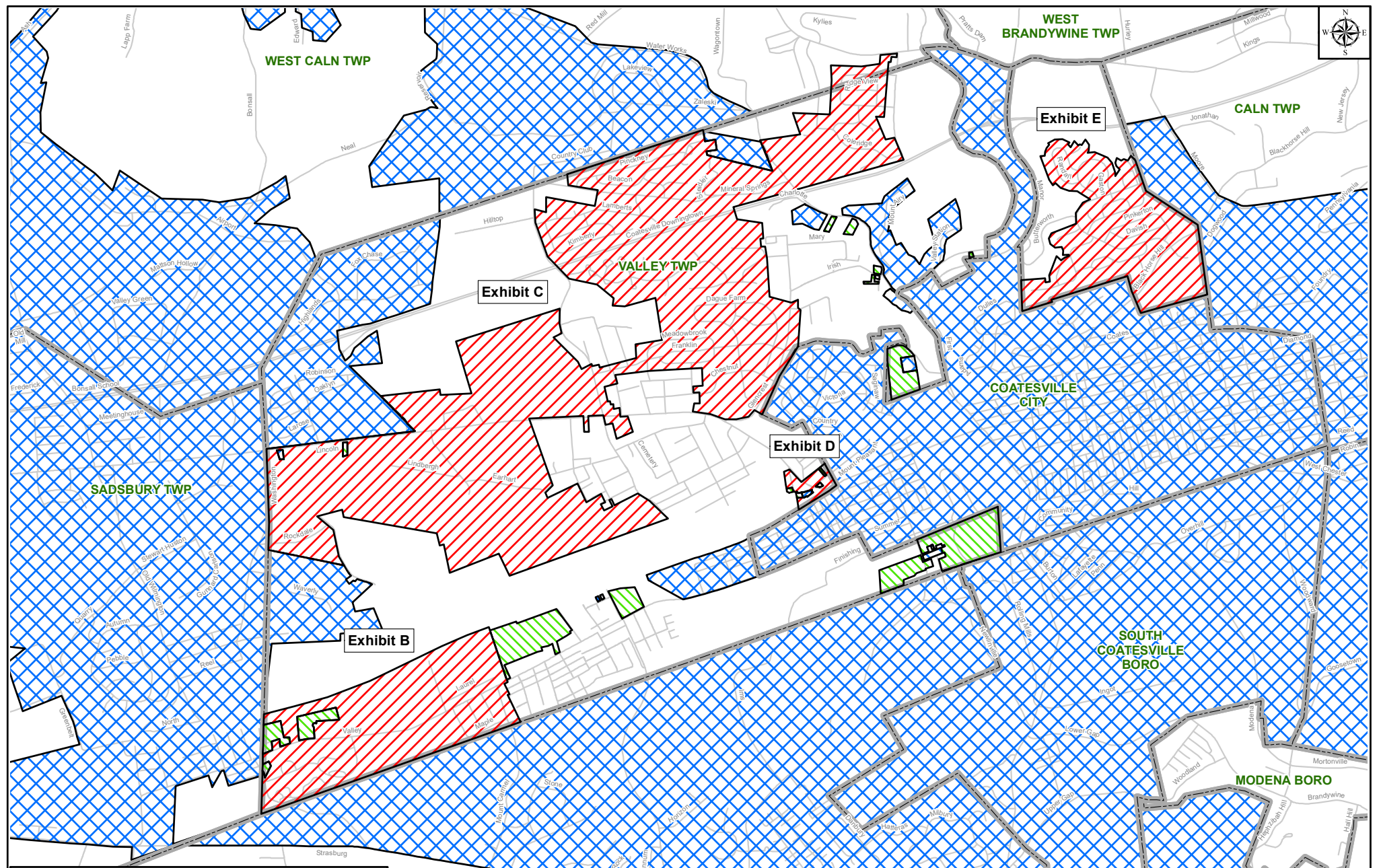


**AMENDED APPENDIX A-16-a through  
AMENDED A-16-e**



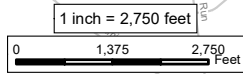
Pennsylvania-American Water Company  
 Coatesville Operating Area  
 Proposed Service Territory Overview - Exhibit A  
 Approximately 1,526 Acres  
 Valley Township, Chester County



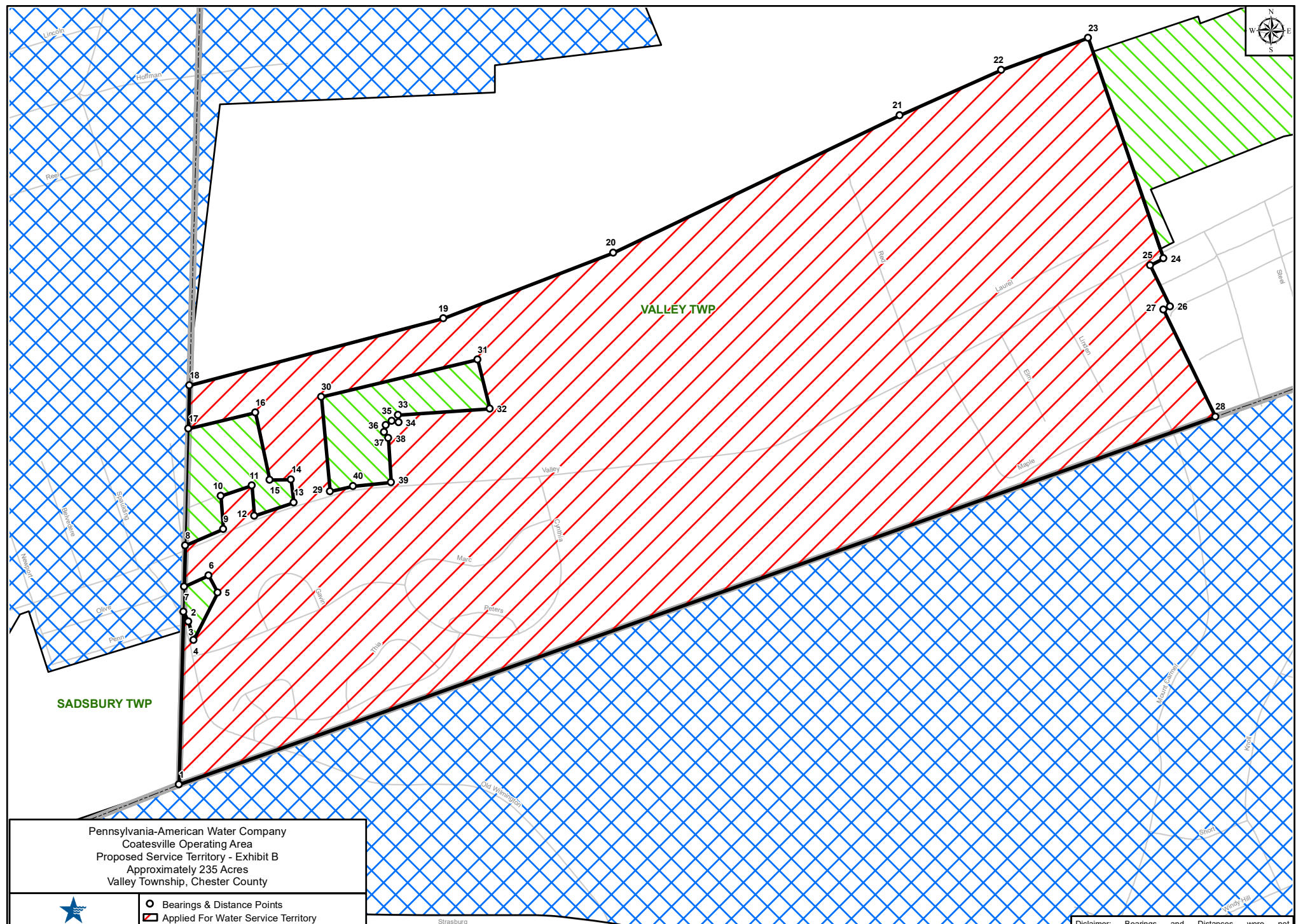
**Legend**

- Applied For Water Service Territory
- Nunc Pro Tunc Applied For Service Territory
- PAWC Certificated Water Service Territory

DO NOT USE FOR REGULATORY ONLY  
 This map was prepared from data provided by the user. The accuracy of the information, errors and omissions, regarding this  
 material is not warranted by the user and may be subject to the data supplied.



Disclaimer: Bearings and Distances were not developed as a result of a physical survey completed by a Professional Licensed Surveyor, but instead completed through employment of ESRI's ArcGIS COGO tool.  
 \* Bearings & Distances attached separately



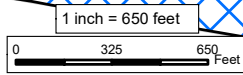
SADSBURY TWP

VALLEY TWP

Pennsylvania-American Water Company  
Coatesville Operating Area  
Proposed Service Territory - Exhibit B  
Approximately 235 Acres  
Valley Township, Chester County



- Bearings & Distance Points
- Applied For Water Service Territory
- Nunc Pro Tunc Applied For Service Territory
- PAWC Certificated Water Service Territory



Disclaimer: Bearings and Distances were not developed as a result of a physical survey completed by a Professional Licensed Surveyor, but instead completed through employment of ESRI's ArcGIS COGO tool.  
\* Bearings & Distances attached separately

## Exhibit B Area

**Starting Point:** The point at which the municipal boundaries of Valley Township, Sadsbury Township, and East Fallowfield Township meet.

Sequence	From	To	Bearing	Distance
1	27	28	S25°57'38"E	633.413055
2	28	1	S70°27'39"W	5856.727714
3	1	2	N1°31'44"E	919.82003
4	2	3	S27°50'58"E	57.333032
5	3	4	S14°47'18"E	103.115626
6	4	5	N26°53'20"E	284.570585
7	5	6	N28°10'31"W	101.685987
8	6	7	S65°54'31"W	142.614832
9	7	8	N1°31'44"E	217.902611
10	8	9	N66°31'08"E	221.457214
11	9	10	N4°36'02"W	177.096614
12	10	11	N71°40'54"E	174.294306
13	11	12	S4°28'33"E	161.87032
14	12	13	N71°06'08"E	222.316322
15	13	29	N73°22'04"E	202.259083
16	29	40	N76°38'47"E	125.822831
17	40	39	N84°10'59"E	203.937104
18	39	38	N3°40'07"W	235.008564
19	38	37	N33°25'45"W	39.667299
20	37	36	N12°19'08"E	38.068514
21	36	35	N57°04'06"E	38.067695
22	35	34	S78°40'34"E	37.26442
23	34	33	N3°40'04"W	40.000938
24	33	32	N86°12'48"E	488.123672
25	32	31	N13°50'36"W	270.000436
26	31	30	S76°35'48"W	854.609209
27	30	29	S5°15'33"E	506.275218
28	29	13	S73°22'04"W	202.259083
29	13	14	N6°19'55"W	123.268971
30	14	15	S89°03'19"W	114.999631
31	15	16	N11°47'39"W	365.56491
32	16	17	S76°35'08"W	367.427588
33	17	18	N1°31'43"E	229.332393
34	18	19	N75°13'36"E	1398.745402
35	19	20	N68°48'55"E	969.185255
36	20	21	N64°21'39"E	1691.821069
37	21	22	N65°55'42"E	591.237246
38	22	23	N69°51'50"E	493.251364
39	23	24	S18°53'49"E	1240.424245
40	24	25	S63°23'35"W	80.005639
41	25	26	S25°57'36"E	244.151088
42	26	27	S64°02'23"W	40.000117

## Exhibit C Area

**Starting Point:** The southwestern most point of parcel UPI 38-1-23.

Sequence	From	To	Bearing	Distance
1	52	53	S6°18'44"W	78.99426
2	53	54	N86°08'53"W	110.866461
3	54	55	S9°17'18"W	112.506143
4	55	56	N86°08'53"W	46.055046
5	56	57	S4°36'02"W	1178.271233
6	57	58	N87°09'45"W	170.126824
7	58	59	S22°32'03"E	528.799368
8	59	60	N78°34'14"E	188.087943
9	60	61	S23°06'41"E	507.399896
10	61	62	S74°25'32"W	3756.11148
11	62	63	S15°49'41"E	269.999239
12	63	64	S81°33'18"E	541.070726
13	64	65	S4°20'50"E	331.205835
14	65	66	S85°39'10"W	60.000616
15	66	67	S3°41'02"E	169.315864
16	67	68	N85°44'55"E	87.101664
17	68	69	S8°53'21"E	253.56656
18	69	70	S3°41'02"E	824.739649
19	70	71	S74°45'09"E	486.690922
20	71	72	N64°24'50"E	154.99958
21	72	73	S0°19'47"E	171.373326
22	73	74	S49°00'11"E	72.6178
23	74	75	S4°19'59"W	784.211532
24	75	76	S31°48'22"W	740.242976
25	76	77	S24°31'28"W	896.064272
26	77	78	N59°38'34"W	189.519723
27	78	79	S41°58'54"W	189.331493
28	79	80	S77°25'11"W	265.531014
29	80	81	N89°46'11"W	240.245938
30	81	82	N70°04'55"W	329.491957
31	82	83	N81°54'59"W	380.231099
32	83	84	N9°24'04"E	170.900407
33	84	85	N86°40'48"E	123.868919
34	85	86	N2°36'42"W	231.628348
35	86	87	S85°31'32"W	127.585916
36	87	88	N2°51'46"W	140.049797
37	88	89	N86°34'44"E	209.513412
38	89	90	N2°53'05"W	378.567714
39	90	91	S86°41'55"W	1136.539955
40	91	92	S83°03'07"W	713.949305
41	92	93	S12°58'25"E	185.489184
42	93	94	S76°34'07"W	280.958116
43	94	95	S12°57'20"E	329.568966

## Exhibit C Area

44	95	96	N76°34'07"E	47.442612
45	96	97	S13°08'40"E	75.960555
46	97	98	N76°51'22"E	49.439127
47	98	99	S5°55'02"E	103.660367
48	99	100	N79°00'05"E	127.975024
49	100	101	S5°02'44"E	190.98993
50	101	102	N87°13'36"E	158.763386
51	102	103	S18°07'43"E	341.650404
52	103	104	S66°10'21"W	376.191569
53	104	105	N14°11'11"W	342.208272
54	105	106	S76°51'43"W	154.580153
55	106	107	N13°07'59"W	211.520519
56	107	108	S87°40'21"W	321.970727
57	108	109	S2°51'15"E	339.251333
58	109	110	S86°47'44"W	105.672228
59	110	111	N2°51'13"W	339.683214
60	111	112	S87°13'16"W	1152.701775
61	112	113	S19°27'47"E	1504.997352
62	113	114	S44°43'35"W	225.848945
63	114	115	S25°50'54"E	117.210882
64	115	116	N64°09'02"E	703.772784
65	116	117	S25°22'42"E	446.414932
66	117	118	N60°07'18"E	361.478756
67	118	119	S25°28'08"E	199.209403
68	119	120	S64°40'36"W	100.05934
69	120	121	S27°01'53"E	149.978939
70	121	122	N62°58'06"E	199.95717
71	122	123	N25°50'50"W	150.057753
72	123	124	N62°34'19"E	45.018495
73	124	125	S25°50'49"E	150.058653
74	125	126	N63°05'32"E	558.637921
75	126	127	S57°24'39"E	296.692905
76	127	128	S46°25'37"E	540.633418
77	128	129	S70°06'36"W	3582.786195
78	129	130	N25°57'39"W	524.999356
79	130	131	S68°37'59"W	1121.650268
80	131	132	N11°51'38"W	614.086211
81	132	133	S75°06'11"W	93.332901
82	133	134	N12°34'34"W	267.856493
83	134	135	N80°07'41"W	2011.971957
84	135	136	N9°21'48"W	161.583895
85	136	150	N0°27'37"E	1132.033591
86	150	149	N71°19'42"E	105.455271
87	149	148	N0°09'42"W	276.4551
88	148	147	S83°25'43"W	100.630111
89	147	150	S0°09'43"E	298.700192
90	150	136	S0°27'37"W	1132.033591

# Exhibit C Area

91	136	137	S75°04'29"W	554.444743
92	137	138	S49°49'07"E	447.383677
93	138	139	S12°12'39"E	578.712989
94	139	140	S29°22'22"E	215.15916
95	140	141	N78°23'49"W	1642.544026
96	141	142	N1°31'42"E	570.911244
97	142	1	N1°54'03"W	1582.825094
98	1	143	S80°56'55"E	222.98166
99	143	146	S17°37'39"E	206.781276
100	146	145	N83°04'57"E	82.901514
101	145	144	N6°26'48"W	202.183968
102	144	143	S83°32'58"W	122.994672
103	143	1	N80°56'55"W	222.98166
104	1	2	N83°15'38"E	3174.76722
105	2	3	N44°21'18"W	1043.05211
106	3	4	N83°18'45"E	1267.044579
107	4	5	S7°01'00"E	123.349788
108	5	6	N86°52'24"E	662.156612
109	6	7	N16°42'00"W	1156.817873
110	7	8	N72°28'47"E	2315.343188
111	8	9	S1°12'15"W	311.090689
112	9	10	S12°42'35"E	219.783322
113	10	11	S63°05'00"W	195.428417
114	11	12	S45°07'38"E	730.368859
115	12	13	S26°30'37"E	174.485384
116	13	14	N63°29'07"E	238.760411
117	14	15	S18°37'24"E	53.858588
118	15	16	N74°19'33"E	145.118392
119	16	17	S17°07'36"E	72.23281
120	17	18	N74°50'54"E	802.069337
121	18	19	N2°57'21"W	286.918758
122	19	20	N80°31'57"E	576.765079
123	20	21	N9°18'36"W	910.726751
124	21	22	S74°08'30"W	677.594677
125	22	23	N86°27'52"W	255.760769
126	23	24	N8°53'18"E	157.915292
127	24	25	N50°31'14"W	463.886665
128	25	26	N77°54'24"W	611.551993
129	26	27	N44°23'46"W	652.842892
130	27	28	N19°23'34"W	765.667198
131	28	29	N3°00'43"W	289.437815
132	29	30	S75°05'19"E	252.425351
133	30	31	N0°14'06"E	317.059669
134	31	32	S79°44'34"E	1053.505957
135	32	33	N10°27'39"E	347.445953
136	33	34	N81°03'21"W	643.174521
137	34	35	N4°00'27"W	239.245366

## Exhibit C Area

138	35	36	N72°00'02"E	3039.427813
139	36	37	S8°54'56"E	247.920728
140	37	38	N79°42'24"E	220.062813
141	38	39	S8°55'00"E	220.000807
142	39	40	S81°05'00"W	219.999722
143	40	41	S8°55'00"E	78.000663
144	41	42	S76°27'23"E	1430.073234
145	42	43	N22°10'19"W	705.50172
146	43	44	N81°50'31"E	861.170772
147	44	45	N18°15'31"W	483.970864
148	45	46	S87°33'37"E	784.917413
149	46	47	N2°51'02"E	726.815363
150	47	48	N2°51'48"W	315.711157
151	48	49	S88°11'23"E	653.10194
152	49	50	N81°53'29"E	392.980703
153	50	51	N4°48'19"E	185.770961
154	51	52	N84°07'36"E	356.363109



## Exhibit D Area

**Starting Point:** The northwestern most point of parcel UPI 38-5-25.1.

Sequence	From	To	Bearing	Distance
1	8	9	S28°16'55"E	523.368651
2	9	10	S51°21'02"W	195.086208
3	10	11	S58°24'47"W	763.534294
4	11	12	N7°35'04"W	256.283379
5	12	13	N87°25'37"E	125.471614
6	13	14	N87°25'33"E	32.915685
7	14	15	N59°13'26"E	60.159188
8	15	16	S17°33'37"E	16.004964
9	16	17	N54°47'04"E	157.50003
10	17	18	N35°12'37"W	20.285987
11	18	19	S34°30'04"W	20.258752
12	19	20	N0°49'41"W	52.984929
13	20	35	N46°56'16"E	109.778721
14	35	39	S79°45'26"E	83.759864
15	39	38	N66°01'22"E	82.626618
16	38	37	N42°57'22"W	91.44714
17	37	36	S50°02'40"W	83.934811
18	36	35	S44°35'49"W	44.531247
19	35	20	S46°56'16"W	109.778721
20	20	21	S74°54'57"W	158.667676
21	21	22	S78°14'29"W	64.081668
22	22	23	S81°42'15"W	68.772007
23	23	24	N81°16'46"W	63.562184
24	24	34	N53°02'25"E	21.827674
25	34	33	S89°54'58"E	8
26	33	32	N0°00'07"E	8
27	32	31	N89°54'58"W	7.988224
28	31	34	S0°05'10"W	8
29	34	24	S53°02'25"W	21.827674
30	24	25	N58°44'07"W	31.249282
31	25	26	N42°40'13"W	38.811261
32	26	27	N25°19'48"W	36.674361
33	27	28	N13°03'43"W	31.570272
34	28	29	S78°08'31"W	123.801444
35	29	30	N9°27'07"W	75.699972
36	30	1	N7°28'41"W	288.293572
37	1	2	N68°04'28"E	123.932995
38	2	3	S43°43'30"E	364.594719
39	3	4	N51°59'54"E	459.639333
40	4	5	S39°25'54"E	211.446974
41	5	6	N52°41'52"E	48.375322
42	6	7	N39°10'54"W	212.473635
43	7	8	N51°07'51"E	122.269748

## Exhibit E Area

**Starting Point:** The northwestern most point of parcel UPI 38-3-122.

Sequence	From	To	Bearing	Distance
1	1	2	N85°09'30"E	512.550436
2	2	3	S4°56'17"E	86.780105
3	3	4	N80°26'21"E	89.701992
4	4	5	N4°14'05"W	132.197924
5	5	6	N21°16'13"E	437.757132
6	6	7	S46°54'08"E	127.234082
7	7	8	N53°40'43"E	98.906932
8	8	9	N68°30'28"E	95.598279
9	9	10	N5°07'21"W	27.429546
10	10	11	S87°15'44"W	126.83176
11	11	12	N3°55'27"E	88.623774
12	12	13	N20°37'15"W	84.121506
13	13	14	S83°41'56"W	146.820957
14	14	15	N52°32'26"W	126.660506
15	15	16	N12°45'05"W	123.920291
16	16	17	N25°26'40"E	121.181386
17	17	18	N68°50'03"E	563.815031
18	18	19	N1°41'02"W	228.394617
19	19	20	N34°12'00"E	267.045471
20	20	21	N64°50'57"E	167.036409
21	21	22	N58°43'44"W	238.397096
22	22	23	N51°53'36"W	85.692163
23	23	24	N87°46'30"W	173.781025
24	24	25	N70°15'25"W	187.485906
25	25	26	N49°42'17"W	152.352433
26	26	27	S49°28'45"W	70.652284
27	27	28	N33°00'13"W	143.00948
28	28	29	N20°47'05"W	532.4586
29	29	30	N85°43'17"E	98.581968
30	30	31	N3°06'15"E	89.396193
31	31	32	N20°58'27"E	89.029953
32	32	33	N37°44'36"E	89.029342
33	33	34	N43°52'18"W	37.740657
34	34	35	N60°06'09"E	165.660138
35	35	36	N88°03'05"E	165.659798
36	36	37	S63°59'57"E	165.65997
37	37	38	S39°58'32"W	50.469928
38	38	39	S42°51'49"E	86.91151
39	39	40	N29°07'00"E	158.425073
40	40	41	S41°35'41"E	126.242778
41	41	42	N63°02'31"E	40.378212
42	42	43	S70°15'14"E	40.292596
43	43	44	N34°27'41"E	137.896819

## Exhibit E Area

44	44	45	S36°18'47"E	129.279907
45	45	46	S1°30'53"W	129.524265
46	46	47	S32°31'43"W	55.601538
47	47	48	N84°51'06"E	148.95996
48	48	49	S68°13'19"E	297.539108
49	49	50	S40°52'28"E	149.780686
50	50	51	S18°35'11"E	224.656264
51	51	52	S0°18'37"W	74.228089
52	52	53	N31°54'21"E	174.739811
53	53	54	N46°36'57"W	94.395486
54	54	55	N17°51'56"W	73.999369
55	55	56	N13°54'51"E	108.85921
56	56	57	S60°10'12"E	114.694301
57	57	58	N59°23'51"E	59.091184
58	58	59	S73°04'23"E	92.161719
59	59	60	N30°34'53"E	118.53303
60	60	61	S46°06'50"E	137.205976
61	61	62	S19°05'48"E	690.439312
62	62	63	S56°38'32"E	1317.793909
63	63	64	S7°45'43"E	1495.68826
64	64	65	S74°17'04"W	1471.92274
65	65	66	N22°17'26"W	512.997191
66	66	67	N14°38'02"W	322.304778
67	67	68	S72°46'41"W	1695.107764
68	68	69	S16°11'36"E	45.794877
69	69	70	S73°00'02"W	666.818072
70	70	1	N1°43'33"W	656.372987

WEST CALN TWP

WEST BRANDYWIL TWP

VALLEY TWP

COATESVILLE CITY

SADSBURY TWP

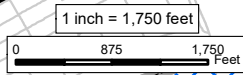
VALLEY TWP

FALLOWFIELD TWP

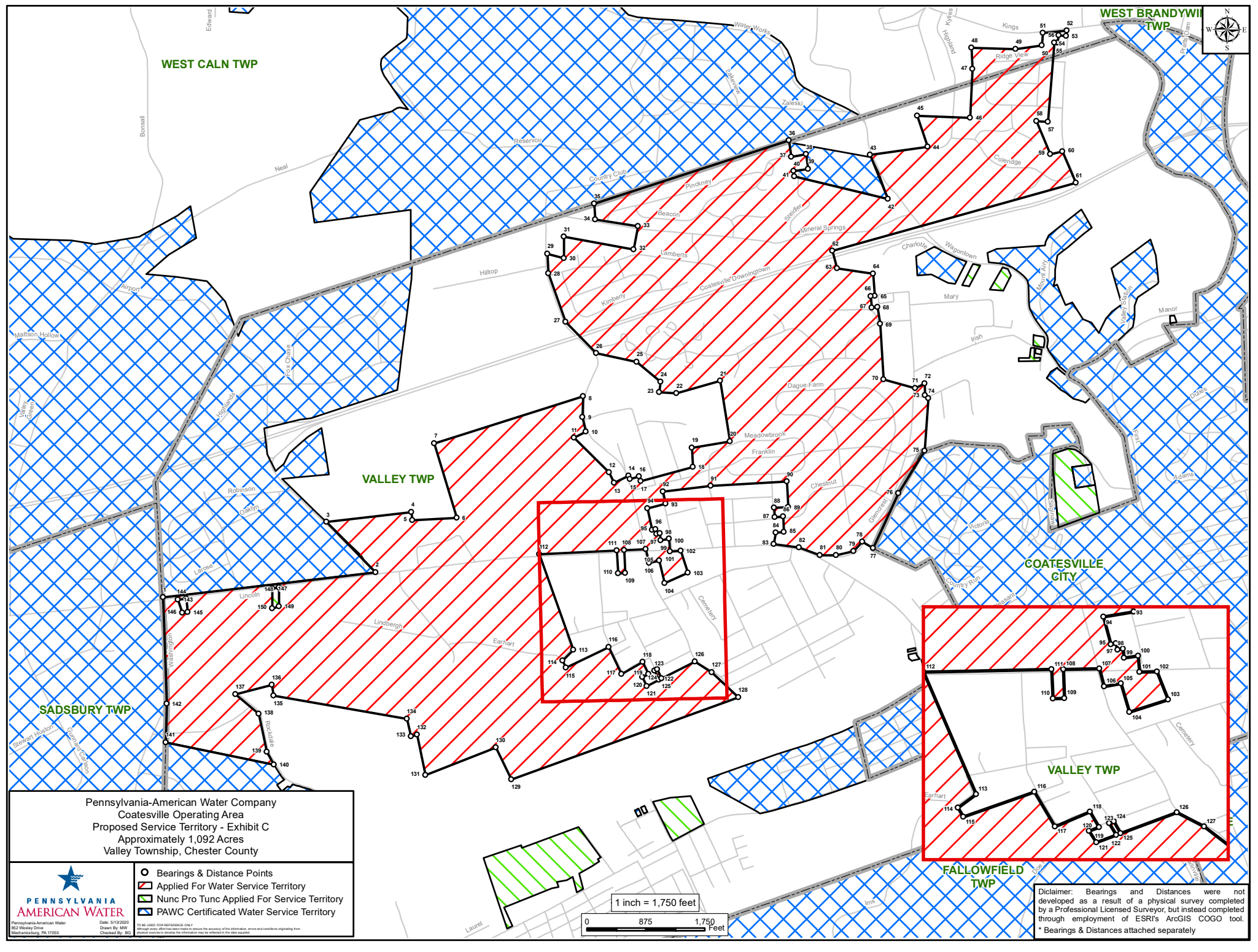
Pennsylvania-American Water Company  
Coatesville Operating Area  
Proposed Service Territory - Exhibit C  
Approximately 1,092 Acres  
Valley Township, Chester County

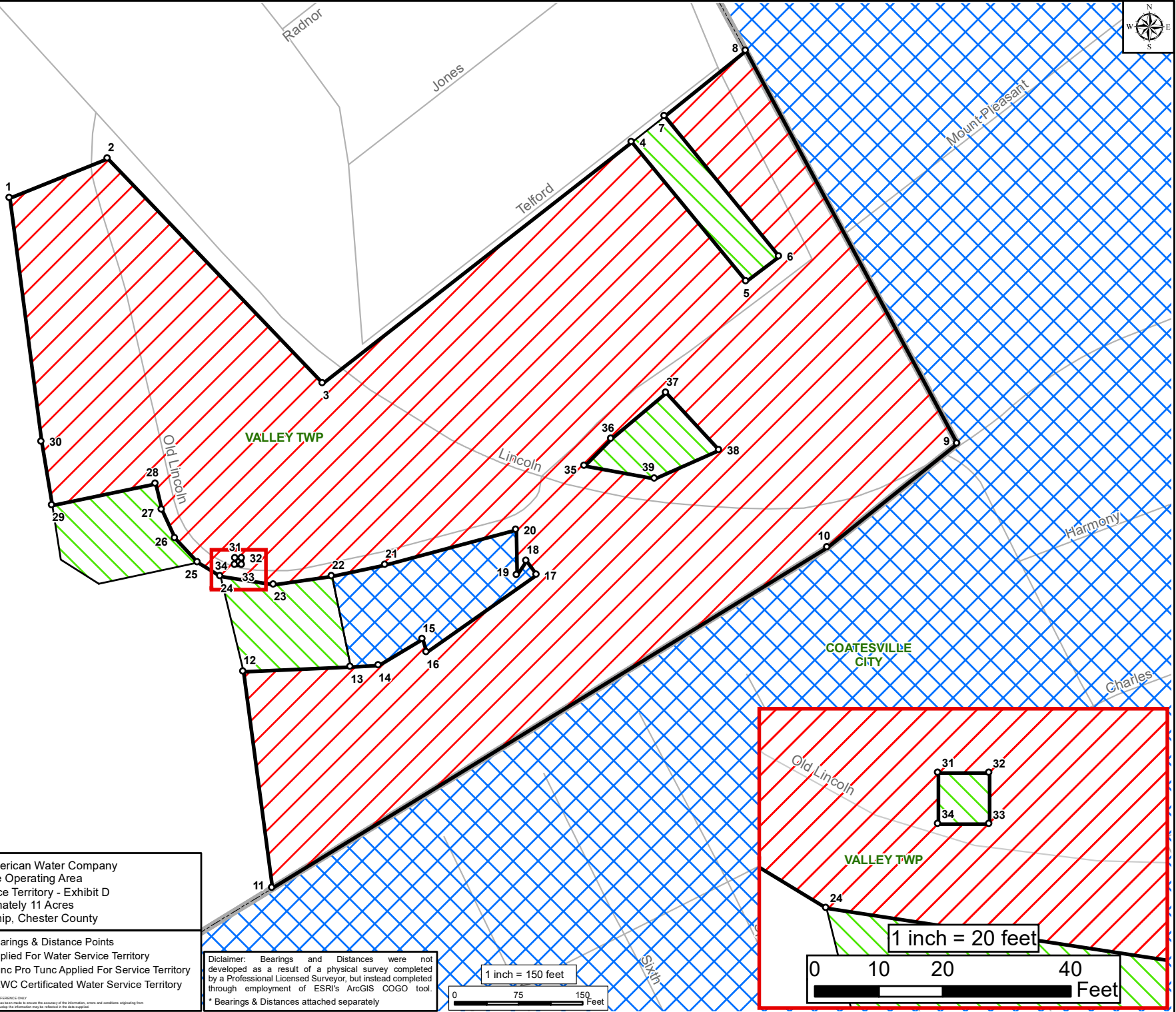


- Bearings & Distance Points
- Applied For Water Service Territory
- Nunc Pro Tunc Applied For Service Territory
- PAWC Certified Water Service Territory



Disclaimer: Bearings and Distances were not developed as a result of a physical survey completed by a Professional Licensed Surveyor, but instead completed through employment of ESRI's ArcGIS COGO tool.  
\* Bearings & Distances attached separately





Pennsylvania-American Water Company  
 Coatesville Operating Area  
 Proposed Service Territory - Exhibit D  
 Approximately 11 Acres  
 Valley Township, Chester County



• Bearings & Distance Points  
 ▭ Applied For Water Service Territory  
 ▭ Nunc Pro Tunc Applied For Service Territory  
 ▭ PAWC Certified Water Service Territory

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Date: 10/27/2020  
 Drawn By: MAF  
 Checked By:

Disclaimer: Bearings and Distances were not developed as a result of a physical survey completed by a Professional Licensed Surveyor, but instead completed through employment of ESRI's ArcGIS COGO tool.  
 \* Bearings & Distances attached separately

