

Table W - 1
EXISTING WATER WORKS AGENCIES SERVING CHESTER COUNTY COMMUNITIES
December 1963

Name of Agency	Ownership	Political Subdivisions Served	Population Served	Source of Supply	Population Capacity	Probable Method of Supplementing Existing Sources if Necessary
City and Boroughs						
Coatesville Water Dept.	Public	Coatesville, & Part of S. Coatesville, Valley, Caln, & E. Fallowfield Twp.	17,000	Surface	23,000	W. Br. Brandywine Plan
Atglen Waterworks	Public	Atglen Borough	700	Ground		More Wells
Avondale Water Co.	Public	Avondale Borough	1,000	Ground		More Wells
Downingtown	Public	Downingtown & about 30 houses outside the Borough	6,000	Surface	7,000	E. Br. Brandywine Plan
Home Water Company	Private	Spring City & Pt. of E. Vincent Twp.	4,000	Schuyll. R.		More from Schuylkill R.
Honeybrook	Public	Honeybrook Borough	1,000	Ground		More Wells
Kennett Square	Public	Kennett Square Borough	4,000	Surf. & Grd.		More Wells
Malvern	Public	Malvern Borough	2,500	Ground	3,000	More Wells
Oxford	Public	Oxford Borough	3,400	Ground		More Wells
Octoraro Water Co.	Private	Parkesburg Borough	2,900	Surf. & Grd.		From Octoraro Water Co.
Phoenixville	Public	Phoenixville & Pt. of Schuylkill Twp.	18,000	Schuyll. R.	20,000	More from Schuylkill R.
West Chester	Public	W. Chester & Pts. of W. & E. Goshen, Westtown & E. Bradford	22,000	Chester Cr.	22,000	E. Br. Brandywine Plan
West Grove	Public	West Grove Borough	1,800	Ground	3,000	More Wells
Major Suburban Townships						
Phila. Suburban Water Co.	Private	Tredyffrin, Easttown, Willistown, E. Whiteland & Schuylkill Twp.	29,000	Surf. & Grd.	40,000	Delaware River
Pottstown	Public	Part of N. Coventry Twp., Chester Co., Pottstown, Stowe, Upper & Lower Pottsgrove Twp., - Montgomery Co.	1,800 33,000	Schuyll. R.	2,500	More from Schuylkill R.
Other Townships						
S. E. Chester Co. Authority	Public	Toughkenamon & New Garden Twp.	750	Surface	2,500	More from Chester Municipal Authority
Small Community Systems						
1. Chadds Ford Water Co.	Private	Chadds Ford - Pennsbury Twp.	200	Ground		Wells or Chester Auth.
2. Chatwood Water Co.	Private	Chatwood - W. Goshen Twp.	300	Ground		Wells or W. Chester
3. Exton Water Co.	Private	Chatwood Wedge - W. Goshen Twp.	250	Ground		Wells or W. Chester
4. Great Valley Water Co.	Private	Exton - W. Whiteland Twp.	750	Ground		Wells
5. Hamorton Water Co.	Private	Communities in W. Whiteland Twp.	900	Ground		Wells or P.S.W. Co.
6. Lionville Water Co.	Private	Hamorton - Kennett Twp.	60	Ground		Wells
7. North Hills Water Co.	Private	Lionville - Uwchlan Twp.	400	Ground		Wells
8. "Wedgewood" Water Co.	Private	North Hills - W. Goshen Twp.	100	Ground		Wells or W. Chester
9. Westtown Water Co.	Private	Wedgewood - Westtown Twp.	300	Ground		Wells or W. Chester
10. Whitford Water Co.	Private	Communities in Westtown Twp.	300	Ground		Wells
11. "Elverson Water Co."	Private	Whitford-Uwchlan, E. Caln, W. Whiteland	750	Ground		Wells, Downingtown
Octoraro Water Co.	Private	Elverson	100	Ground		Wells
Octoraro Water Co.	Private	Various Communities along P.R.R.	1500	Surface		

BRANDYWINE CREEK BASIN
F & W Reservoir - No. WA - 5 - A
Drainage Area - 4.1 Sq. Mi.
Water Supply Storage - 515 M.G.
Safe Yield - Water Supply - (Est.) 4 M.G.D.

F & W Reservoir No. WA - 2
Drainage Area - 4.5 Sq. Mi.
Water Supply Storage - 981 M.G.
Safe Yield - Water Supply - (Est.) 6 M.G.D.

F & W - SCS - Reservoir No. WA - 15
Drainage Area - 4.4 Sq. Mi.
Water Supply Storage - 692 M.G.
Safe Yield - Water Supply - (Est.) 2.4 M.G.D.

*Safe yields for Brandywine Creek projects are based upon 25 year frequency droughts, while those for Army Engineers projects are based upon droughts occurring much less frequently and therefore of much greater severity.

CHESTER MUNICIPAL AUTHORITY
Octoraro Storage Reservoir
Drainage Areas 139.6 Sq. Mi.
Storage Capacity 2,500 M.G.
Safe Yield 30 M.G.D.

PUMPING STATION AND FILTRATION PLANT

42" Force Main

Oxford Summit Reservoir

OCTORARO WATER CO.
24" Water Supply Transmission Line

COATESVILLE
RockRun Reservoir
Drainage Area - 6 Sq. Mi.
Storage Capacity - 335 M.G.
Safe Yield - 2.8 M.G.D.

BRANDYWINE CREEK BASIN
ICEDALE LAKE
F & W - SCS Reservoir No. WA-7
Drainage Area - 20.2 Sq. Mi.
Water Supply Storage - 4,774 M.G.
Safe Yield* Water Supply - (Est.) 33 M.G.D.

BRANDYWINE CREEK BASIN
MARSH CREEK
F & W - SCS Reservoir No. DO - 8
Drainage Area - 20.2 Sq. Mi.
Water Supply Storage - 1,648 M.G.
Safe Yield* Water Supply - (Est.) 22 M.G.D.

U.S. ARMY ENGINEERS
Newark Project
Drainage Area 67 Sq. Mi.
Water Supply Storage 10,000 M. G.
Safe Yield * Water Supply 28 M.G.D.

ATLAS OF CHESTER COUNTY

MAP W-1

PHILADELPHIA SUBURBAN WATER CO.
Pickering Creek Reservoir
Drainage - 38 Sq. Mi.
Storage Capacity - 400 M.G.
Safe Yield - 5.5 M.G.D.

PHILADELPHIA SUBURBAN WATER CO.
Chester Territory Boundary

WEST CHESTER
Chester Cr. Reservoir
Drainage Area - 4.0 Sq. Mi.
Storage Capacity - 195 M.G.
Safe Yield - 2.3 M.G.D.

WATER SUPPLY TERRITORY
Publicly Owned Systems
Privately Owned Systems
Small Community Systems

SOURCE OF WATER SUPPLY
Surface Water
Ground Water
Surface and Ground Water

WATER SUPPLY TRANSMISSION LINES

PROPOSED BRANDYWINE BASIN
Water Supply Reservoirs

PROPOSED U.S. ARMY ENGINEERS
Water Supply Reservoirs

EXISTING
Water Supply Reservoirs

THIS MAP SHOWS MAJOR RESERVOIR PROPOSALS MADE IN THE PAST. IT DOES NOT NECESSARILY IMPLY ENDORSEMENT OF ANY BY THE CHESTER COUNTY PLANNING COMMISSION, PARTICULARLY NOT THE LARGE FRENCH CREEK RESERVOIR.

Public Water Supply System

1964
2025

WATER SUPPLY
JANUARY 1964
CHESTER COUNTY
PENNSYLVANIA
PUBLISHED BY THE CHESTER COUNTY PLANNING COMMISSION
COURT HOUSE ANNEX WEST CHESTER, PENNSYLVANIA