STATE OF IOWA

1964

CENSUS OF PUBLIC WATER SUPPLIES

FOR

IOWA COMMUNITIES

Prepared by

DIVISION OF PUBLIC HEALTH ENGINEERING

STATE DEPARTMENT OF HEALTH

Des Moines, Iowa 50319

Special Engineering Number

March 1964

Published by The State of Iowa Des Moines

IOWA STATE DEPARTMENT OF HEALTH

DIVISION OF PUBLIC HEALTH ENGINEERING

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CENSUS OF PUBLIC WATER SUPPLIES

INTRODUCTION

This census lists the public water supplies in Iowa, their ownership, the source of water and any treatment provided.

Ownership is listed either M for public (municipal, benefited water districts serving incorporated areas, local government authority, etc.) or P for private (private corporations or companies).

A Code for describing treatment provided will be found on the following page. Principal treatment features, identified by capitalized letters, are further described by lower case letters following them. In general, the symbols are arranged in the order in which treatment occurs. Combination units, performing more than one function in a single structure, are denoted by enclosing the appropriate symbols in parentheses.

The census concludes with a list of known Benefited Water Districts serving unincorporated areas of the state.

Key To Symbols:

TYPE OF PLANT

P - Purification

H - Softening

I - Iron or manganese removal

D - Disinfection

TREATMENT OR DEVICE

A - Aeration

Ac - contact bed or trays, filled with coke or other material

Ak - potassium permanganate

Am - patented aerator

As - spray aerator

At - overflow trays, cascade or other splash aerator

Ao - other type aerator

C - CHEMICALS FOR COAGULATION OR SOFTENING

Ca - with alum

Ci - with iron salts

C1 - with lime

Cs - with soda ash

Co - with other coagulapt

D - DISINFECTION

Dc - with chlorine gas

Dh - with hypochlorite

Do - by other means

F - FILTER

Fa - anthrafilt

Fg - gravity (slow)

Fm - catalytic mineral

Fp - pressure

Fr - gravity (rapid)

Fs - sand

Ft - carbon

Fz - zeolite

K - CHEMICAL DOSAGE FOR CORROSION CORRECTION OR WATER STABILIZATION

Kc - by phosphate compounds

Kg - by chlorine gas

Kh - by hypochlorite

Ko - by sodium silicate

Kp - by alkali feed for pH adjustment

M - MIXING DEVICE OR TANK

Ma - air agitation

Mb - baffle mix

Mh - hydraulic (standing wave flume)

Mi - injection or pump suction application

application

Mp - slow mechanical mix

Ms - patented sludge blanket

Mt - rapid mechanical mix

N - AMMONIATION

Nc - with ammonium compound

Ng - with ammonia gas

R - RECARBONATION

S - SEDIMENTATION

Sb - baffled basins (other than inlet or outlet baffles)

Sc - covered basins (other than housed)

Sm - mechanical sludge

So - open basin (may be inside plant building)

Sv - upward flow cylindrical tanks

T - CHEMICAL TASTE AND ODOR CONTROL

Tc - activated carbon

Td - chlorine dioxide

Tk - potassium permanganate

Ts - sulfur dioxide

V - Fluoridation

Vt - with sodium fluoride

Vs - with sodium silicofluoride

Va - with hydrofluosilicic acid

IOWA PUBLIC WATER SUPPLIES

Compiled by Division of Public Health Engineering State Department of Health Des Moines, Iowa March 1964

		POP. OWNER-	
CITY OR TOWN	COUNTY	1960 SHIP SOURCE	TREATMENT
Ackley Ackley	Hardin	1,731 M Drilled Wells	ID-AoFpsDc
Adair	Adair	742 M Drilled wells	ID-AtSbAkFmpDh
Ade1	Dallas	2,060 M Raccoon River	PHD-AsClaTMSFrsDc
Afton	Union	773 M Imp. reservoir	PD-ClaMpSFrsDc
TIT COIL		Dug wells	Dh standby
Agency	Wapello	702 M Drilled wells	I-AsFtFs
Ainsworth	Washington	371 M Drilled wells	None
Akron	Plymouth	1,351 M Gravel packed wells	None
Albert City	Buena Vista	722 M Drilled wells	ID-AtFpsDh
Albia	Monroe	4,582 M Imp. reservoir &	PD-AsCalSFrsDcTcKc
		drilled well	
Albion	Marshall	588 M Shallow well	DH Available
Alburnett	Linn	341 M Drilled well	None
Alden	Hardin	838 M Drilled well, Artesian	IH-AoFpzKp
		well	
Alexander	Franklin	294 M Drilled wells	I-AtFps
Algona	Kossuth	5,702 M Gravel packed wells &	ID-AtFrsDcVs
		drilled wells	
Allerton	Wayne	692 M Imp. reservoir	PD-AtClaTdcMtbSFrsDc
Allison	Butler	952 M Drilled wells	I-AoFps
Alta	Buena Vista	1,393 M Drilled wells	IHD-AtFpsFpzDcKp
Alta Vista	Chickasaw	276 M Drilled well	None
Alton	Sioux	1,048 M Gravel packed wells	Dc
		Dug well	Dh
Altoona	Po1k	1,458 M Drilled well	ID-AmFpsDcKc
Alvord	Lyon	238 M Driven wells	Dh
Amana	Iowa	500* P Gravel Pkd. & dr. wells	None
Amber	Jones	150* P Drilled well	None
Ames	Story	27,003 M Deep wells	HD-AtC1sMsSmRFrsDcVsKc
Anamosa	Jones	4,616 M Drilled wells	None
Andrew	Jackson	349 M Drilled well	None
Anita	Cass	1,233 M Drilled well	Dh
Ankeny	Polk	2,964 M Drilled well	IHD-AoFpszKcDh
Anthon	Woodbury	681 M Drilled wells	AtDh
Aplington	Butler	840 M Drilled well	H-FpzKp
Arcadia	Carrol1	437 M Dug & drilled wells	DhAt
Arion	Crawford	201 M Drilled well	None
Arlington	Fayette	614 M Drilled wells	None
Armstrong	Emmet	958 M Drilled wells	IHD-AoFpsFpzKpDc
Arnolds Park	Dickinson	953 M West Okoboji Lake	Dc (Do standby wells)
Arthur	Ida	265 M Dug wells	Dh - (Do standby wells)
Ashton	Osceola	615 M Bored wells	Dh
Aspinwall	Crawford	95 M Bored well	None
Atkins	Benton	527 M Drilled well	ID-AmFpsDhAt ID-AtFmDcKp
Atlantic	Cass	6,890 M Gravel packed wells	ID-ACT IIIDCKP

* 1950 Census

	POP. OWNER-							
CITY OR TOWN	COUNTY		HIE		TREATMENT			
CIII OR IOWN	0001122							
Auburn	Sac	367	M	Drilled wells	H-FpzKp			
Audubon	Audubon	2,928		Dug & grvl.pkd.wells	DcVt			
Aurelia	Cherokee	904		Drilled wells	None			
Avoca	Pottawattamie			Gravel packed wells	HD-AClasMtpsSvFraDc			
Ayrshire	Palo Alto	298		Drilled well	ID-AtFpsKpDh			
Ayishire	rato meo	2,0						
Badger	Webster	340	M	Drilled well	None			
Bagley	Guthrie	406		Drilled well	None			
Baldwin	Jackson			Drilled well	Dh			
Bancroft	Kossuth			Drilled wells	IHD-AoFpsFpzKpDhVa			
Barnes City	Mahaska	273		Drilled wells	None			
Batavia	Jefferson			Gravel packed well	(Dh Available) Kc			
Battle Creek	Ida	786		Kelley & grvl. pkd. wells				
Baxter	Jasper	681		Drilled well	ID-AtFpsDc			
Bayard	Guthrie	597		Drilled well	ID-AoFpsDh			
Beacon	Mahaska	718		Purchases from Oskaloosa	(See Oskaloosa)			
Beaman	Grundy	247		Drilled well	None			
Beaver	Boone	115		Drilled well	None			
Bedford	Taylor	1,807		Imp.res. & 102 River	PD-AtClaSoTcFrsDc			
Belle Plaine	Benton			Shallow wells	Dc & Dh			
	Jackson	2,181		Drilled wells	None			
Bellevue	Wright	2,506		Drilled wells	H-AtClaMSFrsR			
Belmond	Cedar			Drilled well	I-AtFps			
Bennett	Scott			Purchases from Davenport	(See Davenport)			
Bettendorf	Hamilton	287		Drilled wells	None			
Blairsburg	Benton	583		Drilled well	I-AmFps			
Blairstown		401		Drilled well	ID-AokFpmKpDh			
Blakesburg	Monroe	174		Drilled well	None			
Blanchard	Page	343		Drilled well	None			
Blockton	Taylor	2,771		Fox River (imp.)	PD-ClaTcMpSDcFrs			
Bloomfield	Davis			Drilled well	Ao			
Blue Grass	Scott	430		Drilled wells	None			
Bode	Humboldt	574		Drilled well	Dh			
Bonaparte	Van Buren	389		Drilled well	I-AtFps			
Bondurant	Po1k			Gravel packed wells	DcVa			
Boone	Boone	12,468	M	Bored well & drilled well				
Boxholm	Boone	562		Dug & bored wells	Dh			
Boyden	Sioux	322		Drilled wells	Dh			
Brandon	Buchanan Audubon	225-		Gravel packed well	None			
Brayton		543		Drilled wells	None			
Breda	Carroll	225		Gravel packed well	None			
Bridgewater	Adair	724		Drilled well	IHD-FpsFpzKpDc			
Brighton	Washington	268		Drilled well	None			
Bristow	Butler	2,042		Drilled wells	ID-AmFpsDhAt			
Britt	Hancock	1,415		Gravel packed wells	IHD-FpsFpzKpDh			
Brooklyn	Poweshiek	1,088		Drilled well	ID-AtDc			
Buffalo	Scott	1,140		Drilled well	I-AcFpsDh			
Buffalo Center	Winnebago	32,430		Mississippi River	PD-CalDcTMpSFrsDcVs			
Burlington	Des Moines			Drilled wells	None			
Burt	Kossuth	620 557		Drilled wells	ID-AmDhFps			
Bussey	Marion	337	M	DITITED WELLS				
Calamus	Clinton	435	M	Drilled well	None			
Callendar	Webster	358	M	Drilled wells	Dh			
Calmar	Winneshiek	954		Drilled wells	I-AoFps			
Calumet	O'Brien	225	M	Bored wells	None			

			OWNE		TO DE A TIMENT
CITY OR TOWN	COUNTY	1960	SHI	P SOURCE	TREATMENT
0	Clinton	2,22	5 N	Drilled & grvl.pkd.well	None
Camanche		58		Drilled well	ID-AtFpsDh
Cambridge	Story Warren	1,31		Gravel packed wells	ID-AtDhFps
Carlisle	Carroll	7,68		Drilled & grvl pkd.wells	Dc
Carrol1					HD-FpzKpDh
Carson	Pottawattamie	58		Gravel packed wells	
Carter Lake	Pottawattamie	2,28		Purchases from Omaha, Neb	
Cascade	Dubuque	1,60		Dug well & drilled well	Dc (none on drilled)
Casey	Guthrie	58		Dug wells & drilled wells	but not used)
Castalia	Winneshiek	21		Drilled well	Dc
Castana	Monona	23		Drilled wells	None
Cedar Falls	Black Hawk	21,19	5 M	Drilled wells	Va
Cedar Rapids	Linn	92,03	5 M	Cedar River & drilled wells	PHD-AtC1MpSmTckFrsKc DcVs
Center Junction	Jones	20	1 M	Drilled well	Dh
Center Point	Linn	1,23	6 M	Drilled wells	None
Centerville	Appanoose	6,62		Imp. reservoir	PD-AtClaTMSFrsDcVa
Central City	Linn	1,08		Drilled wells	Dh available
Chariton	Lucas	5,04		Imp. reservoirs	PD-AtClaMtpsFrsDcVa
Charles City	Floyd	9,96		Drilled wells	HD-AoCalMupsSvFrsDc
	Clinton	41		Drilled well	None
Charlotte	Crawford	66		Dug & drilled wells	ID-AmFpsDc
Charter Oak		45		Gravel packed well	None
Chelsea	Tama			Drilled wells	Dc
Cherokee	Cherokee	7,72	1000		None
Chester	Howard	21		Drilled well	
Churdan	Greene	58		Drilled wells	H-ClasMSFps
Clare	Webster	24	1000	Drilled well	I-AmFpa
Clarence	Cedar	85		Drilled wells	ID-AmFpsDhAt
Clarinda	Page	5,90		Nodaway River	PD-ClaTcMtpScNcVsFrsDc
Clarion	Wright	3,23	7	Drilled wells	ID-AmFpsDh
Clarksville	Butler	1,32		Drilled wells	None
Clayton	Clayton	13		Springs	None
Clear Lake	Cerro Gordo	6,15	8 M	Clear Lake	PD-AmCaloMtpsSvFratTc DcVa
	Cl 1	22	Q N	Drilled well	None
Cleghorn	Cherokee	19		Gravel packed well	None
Clemons	Marshall	57		Drilled wells	Dh
Clermont	Fayette				D-AtDcKc
Clinton	Clinton	33,58		Deep wells Purchases from Des Moines	
Clive	Polk	75			I-AoFps (Dh periodically
Clutier	Tama	29		Drilled well	None
Coggon	Linn	67			ID-AoFpsDh
Coin	Page	34		Gravel packed well	
Colesburg	Delaware	36	-	Drilled wells	Dh
Colfax	Jasper	2,33		Gravel packed wells	Dh
Collins	Story	43		Drilled well	ID-AcFpsDh
Colo	Story	57		Drilled wells	ID-AmFpsDh
Columbus Junction	Louisa	1,01		Gravel packed wells	IHD-AoFpaFpzKpDc
Conrad	Grundy	79		Drilled wells	Dc
Coon Rapids	Carroll	1,56		Drilled & grvl.pkd wells	None
Coralville	Johnson	2,35		Purchases from Iowa City	(See Iowa City)
Corning	Adams	2,04	1 M	Nodaway River & imp.res.	PD-CalMtpsSvFrsDcVs
Correctionville	Woodbury	91		Drilled & bored wells	Dh
Corwith	Hancock	48		Drilled wells	HD-FpzDhKp
Corydon	Wayne	1,68		Imp, Reservoir	PD-DcClaTcM\$FrsDc
Coulter	Franklin	31		Drilled well	None
Council Bluffs	Pottawattamie	55,64		Missouri River & gravel	PHD-ClsoDcMptSmoFrsKcp
Council plairs	2 occumate and comme	33,31		packed well	TrVs
				-3 -	

			OWNER		
CITY OR TOWN	COUNTY	1960	SHIE	SOURCE	TREATMENT
		- 1 1 7	**		N
Craig	Plymouth	1117		Drilled well	None
Crawfordsville	Washington	317		Drilled wells	KcDh
Cresco	Howard	3,809		Drilled wells	DcVa
Creston	Union	7,667		Imp. reservoir	PD-ClaSoFrsVsDc
Crystal Lake	Hancock	267		Deep well	None
Cumberland	Cass	425		Drilled wells	KpDh
Cushing	Woodbury	. 261	M	Gravel packed wells	None
		706	26	2 111 1 11	TH A-EEV-
Dakota City	Humboldt	706		Drilled wells	IH-AmFpsFpzKp
Dallas Center	Dallas	1,083		Drilled & grvl.pkd.well	HD-FpzDhKp
Danbury	Woodbury	510		Gravel packed bored wells	
Danville Danville	Des Moines	579		Drilled wells	I-AmFpsAo
Davenport	Scott	88,981		Mississippi River	PD-CalDcKpMpSoFrsVs
Davis City	Decatur	346		Drilled well	None
Dawson	Dallas	257		Drilled well	None
Dayton	Webster	820	M	Drilled wells	IH-AmFpsFpz (Kp avail-able)
	111	(/25	3.6	Deep C shallow walls	DcVa
Decorah	Winneshiek	6,435		Deep & shallow wells	None
Dedham	Carroll	322		Drilled & grvl.pkd.wells	ID-AoFpaDh
Deep River	Poweshiek	329		Bored well	
Defiance	Shelby	386		Drilled wells	ID-AmFpsDh
Delhi	Delaware	464		Drilled well	None
Delmar	Clinton	556		Drilled well	Dh
Deloit	Crawford	222		Sandpoint well	None
Delta	Keokuk	514		Drilled well	Dh available
Denison	Crawford	4,930		Shallow wells	IHD-AoCalMtpsSvFrsDc
Denver	Bremer	831	-	Drilled wells	I-AmFpsAoKc
Des Moines	Polk	208,982	M	Infiltration galleries	HD-TcCalsMbpSbcmRFrs
				& Raccoon River	KcDcVs
De Soto	Dallas	273		Gravel packed well	None
De Witt	Clinton	3,224		Drilled wells	None - DhKp - Well #5
Dexter	Dallas	670		Shallow & Drilled wells	Dh
Diagonal	Ringgold	443		Gravel packed wells	ID-AsFpsDh
Dike	Grundy	630		Drilled well	IHD-FpsFpzDhKp
Dixon	Scott	280	M	Drilled well	None
Dolliver	Emmet	122	M	Drilled wells	None
Donahue	Scott	133		Drilled well	None
Donnellson	Lee	709		Drilled well	IHD-AtFrsFpzKpDh
Doon	Lyon	436	M	Dug well & drilled well	(Dh available)
Dow City	Crawford	531	M	Drilled wells	None
Dows	Wright	882	M	Drilled wells	IH-AmFpaFpzKp
Dubuque	Dubuque	56,606	M	Deep & gravel pkd. wells	HD-AsCalDcMtpsSvKcNgVs
Dumont	Butler	719		Drilled well	None
Duncombe	Webster	355	M	Drilled well	None
Dunkerton	Black Hawk	507	M	Drilled well	None
Dun1ap	Harrison	1,254		Drilled & grvl.pkd.well	None
Durant	Cedar	1,266		Gravel packed wells	None
Dyersville	Dubuque	2,818		Dug well & drilled well	None
Dysart	Tama	1,197		Drilled wells	I-AtFps
Eagle Grove	Wright	4,381	M	Gravel packed wells	HD-AtCalMtpSmRVsFrs
				D 111 1 - 11	FpzDc
Earlham	Madison	788		Drilled wells	ID-AcFraDh
Earling	She1by	431		Dug & bored wells	Dh
Earlville	Delaware	668		Drilled wells	None
Early	Sac	824	M	Springs	Dh

J., .

POP OWNER-							
CITY OR TOWN	COUNTY	1960	Ship SOURCE	TREATMENT			
East Amana	Iowa	289*	P Drilled wells	None			
Eddyville	Wapello	1,014	M Gravel packed well	Dh available			
Edgewood	Clayton	767	M Drilled wells	None			
Elberon	Tama	211	M Drilled well	None			
Eldon	Wapello	1,386	M Gravel packed wells	IHD-AoFpsFpzKpDc			
Eldora	Hardin	3,225	M Drilled wells	I-AoFpsDh			
Eldridge	Scott	583	M Drilled wells	DC (Dh available)			
Elgin	Fayette	644	M Drilled wells	None			
Elkader	Clayton	1,526	M Drilled wells	None			
Elkhart	Polk	260	M Drilled well	None			
Elk Horn	She1by	679	M Dug wells	IHD-AtFpsFpzKpDh			
Elk Run Heights	Black Hawk	1,124	M Drilled well	None			
Elliott	Montgomery	459	M Gravel packed well	Dh			
Ellsworth	Hamilton	493	M Drilled wells	ID-AmFpsDcKc			
E1ma	Howard	706	M Drilled well	Dh			
Emerson	Mills	521	M Gravel packed wells	None			
Emmetsburg	Palo Alto	3,887	M Dug well & drilled well	VaDc			
Epworth	Dubuque	698	M Drilled well	None			
Essex	Page	767	M Drilled & grv1.pkd.well	Dh (West well)			
Estherville	Emmet	7,927	M Drilled wells	IHD-AmFraFpzKcDcVa Dc			
	71 1 77 1	5 720	Dug well	ID-DcAoFps			
Evansdale	Black Hawk	5,738 668	M Drilled wells	Dh			
Everly	Clay		M Dug well M Dug & grvl.pkd.wells	IHD-AmFpsFpzKpDh			
Exira	Audubon	1,111	M Dug & givi.pku.weiis				
Fairbank	Buchanan	650	M Drilled wells	None			
Fairfax	Linn	528	M Drilled well	None			
Fairfield	Jefferson	8,054	M Imp. reservoir & Drilled well	PD-DcTckClaMtpsSvSoKc FrsVsDcNc			
Farley	Dubuque	920	M Drilled well	None			
Farmersburg	Clayton	250	M Drilled well	None			
Farmington	Van Buren	902	M Dug well & drilled well	None			
Farnhamville	Calhoun	409	M Drilled wells	H-DhFpzKp			
Farragut	Fremont	495	M Gravel packed wells	ID-AmFpsDh			
Fayette	Fayette	1,597	M Shallow well (drilled)	Dc T. AcEncDh			
Fenton	Kossuth	440	M Drilled wells	I-AoFpsDh None			
Ferguson	Marshall	186	M Drilled well	ID-AtDcFpm			
Floyd	Floyd	401	M Drilled well	I-AoFps			
Fonda	Pocahontas	1,026	M Drilled wells M Dug & drilled wells	ID-DhAmFpsKc			
Fontanelle	Adair	729	M Drilled wells	ID-AoFpsKcDc			
Forest City	Winnebago	2,930 353	M Drilled well	None			
Fort Atkinson	Winneshiek	28,399	M Deep wells	ID-AtSFrsDc			
Fort Dodge	Webster	15,247	M Mississippi River	PD-DcClaTcMbScFrsDc			
Fort Madison	Lee	167	M Drilled well	None			
Fostoria	Clay Chickasaw	797	M Drilled well	I-AS			
Fredericksburg	Mahaska	461	M Drilled wells	None			
Fremont	Hallaska						
Galt	Wright	75	M Drilled well	None			
Galva	Ida	469	M Drilled wells	Dh			
Garden Grove	Decatur	335	M Drilled well	I-AoFps			
Garnavillo	Clayton	662	M Drilled wells	None At			
Garner	Hancock	1,990	M Drilled wells	ID-AmFpaDh			
Garrison	Benton	421	M Drilled wells	Dh Dh			
Garwin	Tama	546	M Doop woll	ID-AtFpsDhKp			
Geneva	Franklin	219	M Deep well	TD IICI PODIMP			

			OWNER-	60417.67		mp a 4 m m m
CITY OR TOWN	COUNTY	1960	SHIP	SOURCE		TREATMENT
						N. (111)
George	Lyon	1,200		allow wells	- dug	Dh (dug well)
Gilbert	Story	318		illed well		ID-AoFpaKpDh
Gilbertville	Black Hawk	533		illed wells		None
Gilman	Marshall	491	M Sa	indpoint & gr		None
					wells	
Gilmore City	Pocahontas	688		illed wells		Dh
Gladbrook	Tama	949		avel pkd. &	deep wells	I-AoFps
Glenwood	Mills	4,783	M Ke	g Creek		PD-AtDcClaTcSoMpbFrs
						DcVa
Glidden	Carrol1	993	M Dr	illed wells		H-FpzKp
Goldfield	Wright	682	M Dr	illed wells		HD-FpzKpDh
Goode11	Hancock	231	M Dr	illed well		None
Goose Lake	Clinton	191	M Dr	illed well		None
Gowrie	Webster	1,127	M Dr	illed wells		ID-AmoFpsDh
Graettinger	Palo Alto	879		g & drilled	wells	Dc
Grafton	Worth	273		illed well		I-AoFpsAt
Grand Junction	Greene	949		illed wells		IHD-FpsFpzKpDhAm
Grand Mound	Clinton	565		illed wells		I-AkFmp
	Dallas	468		illed wells		I-AoFps
Granger	Sioux	381		illed well		None
Granville	Audubon	162		red wells		Dh
Gray		1,427		illed wells		Dc available
Greene	Butler			p. reservoir		PD-CalMtspSvFrsDcVa
Greenfield	Adair	2,243		allow & grv1		None
Grimes	Polk			ep wells	. pku. well	HD-FpzKpDc
Grinnell	Poweshiek	7,367		vl. pkd. & K	ollow woll	ID-AmFpsDc (Standby)
Griswold	Cass	1,207			errey werr	ID-AmFpsDc
Grundy Center	Grundy	2,403		rilled wells		None None
Gruver	Emmet	140		illed well	11.	ID-AtC1MtpSFraDcVa
Guthrie Center	Guthrie	2,071		avel packed	wells	H-ClaMpsSRFrs
			Dr	rilled wells		n-Claripsokris
		01/		11-		None
Halbur	Carrol1	214		ig wells	11-	HD-AcClaMtpsSvRFraDc
Hamburg	Fremont	1,647		avel packed	wells	
Hampton	Franklin	4,501		cilled wells		None
Hancock	Pottawattamie	252		indpoints & d	rilled well	None
Hansell	Franklin	168		illed well		
Harcourt	Webster	268		illed well		I-AoFps
Hardy	Humboldt	110		illed well		None
Harlan Chelly	She1by	14,350	1 M Sh	allow & dril	led wells	HD-AtClasMtpsSvRFrs DcKc
Harper	Keokuk	177		illed well		None
Harris	Osceola	258	- Marian Company	iven well		None
Hartford	Warren	271		avel packed		None
Hartley	O'Brien	1,738		avel packed	wells	ID-AtFpsDcVa
Hartwick	Poweshiek	126		illed wells		ID-AtFpaDh
Havelock	Pocahontas	289		cilled wells		None
Hawarden	Sioux	2,544		ig & grv1.pkd	wells	None
Hawkeye	Fayette	516		illed wells		None
Hazleton	Buchanan	665		illed well		None
Hedrick	Keokuk	762	M Dr	cilled well		IHD-AmFpsFpzKpAtDc
Henderson	Mills	191	M Dr	illed well		None
Hiawatha	Linn	1,336	M Dr	illed wells		None
High Amana	Iowa	200	* P Sa	indpoint well		None
Hinton	Plymouth Plymouth	403		illed & Sand		DH
Holland	Grundy	264		illed well		None
Holmes	Wright	60		ep well		I-Fps
Totales						

		DOD O	OLINE D
CITY OR TOWN	COUNTY	POP. 0 1960	OWNER- SHIP SOURCE TREATMENT
CITY OR TOWN	COUNTI	1900	SHII BOOKEE HEATTENIA
Holstein	Ida	1,413	M Drilled wells None
Holy Cross	Dubuque	157	
Homestead	Iowa	200*	* P Drilled well None
Hopkinton	Delaware	768	M Drilled wells Dh
Hornick	Woodbury	275	M Drilled wells ID-DhAoFps
Hospers	Sioux	600	
Hubbard	Hardin	806	
Hudson	Black Hawk	1,085	
Hull	Sioux	1,289	
Humboldt	Humboldt	4,031	
Humeston	Wayne	638	
Huxley	Story	486	M Drilled & grvl.pkd.well None
Tdo Crovo	Ida	2,265	M Drilled & shallow wells Dc
Ida Grove Independence	Buchanan	5,498	M Drilled wells Dc (Well #4) Va
Indianola	Warren	7,062	
Inwood	Lyon	638	M Drilled wells ID-AtFpsDh
Ionia	Chickasaw	265	
Iowa City	Johnson	33,443	
Iowa Falls	Hardin	5,565	
Ireton	Sioux	510	
Irwin	Shelby	425	M Gravel packed wells IHD-AmCasSbFrsFpzDhKp
		0.56	TD At Encoh
Jamaica	Guthrie	256	M Drilled wells ID-AtFpsDh M Drilled well None
Janesville	Bremer	648	
Jefferson	Greene	4,570	
Jesup	Buchanan	1,488	
Jewell	Hamilton	1,113	m Graver packed werrs
Kalona	Washington	1,235	M Gravel packed well ID-DcAtFpa
Kamrar	Hamilton	268	
Kanawha	Hancock	735	M Drilled well ID-AoFpsAtDc
Kellerton	Ringgold	341	M Gravel packed wells ID-AtFpaDh
Kelley	Story	239	M Drilled well None
Kellogg	Jasper	623	M Shallow & grvl.pkd.wells Dh
Kensett	Worth	409	77
Keokuk	Lee	16,316	
Keosauqua	Van Buren	1,023	
Keota	Keokuk	1,096	
Keswick	Keokuk	265	
Keystone	Benton	522 380	
Kimballton	Audubon	1,044	
Kingsley	Plymouth	92	
Kirkman	Shelby Crawford	271	M Dug & drilled well Dh
Kiron Klemme	Hancock	615	11 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Knoxville	Marion	7,817	
KHOAVIIIC			
Lacona	Warren	396	
Ladora	Iowa	307	
Lake City	Calhoun	2,114	- 1 - 1 - 11 JL1
Lake Mills	Winnebago	1,758	M Drilled wells I-AoFpsAt - Well #1 ID-AmFpsDcKc - Well #2
Lake Park	Dickinson	952	
Lakeralk	Buena Vista	306	
Lake View	Sac	1,165	

		The state of the s	WNER-	MDT 4 MATENIA
CITY OR TOWN	COUNTY	1960 SF	HIP SOURCE	TREATMENT
		0		T A 77
Lakota	Kossuth	459		I-AmFps
Lambs Grove	Jasper	234	M Purchases from Newton	(See Newton)
Lamoni	Decatur	2,173		PD-ClaTcMtSFrsDcVa
Lamont	Buchanan	554	11 0111100	None
La Motte	Jackson	323		None
Lanesboro	Carrol1	258		I-AmoFps
Lansing	Allamakee	1,325		Dh
La Porte City	Black Hawk	1,953		I-AoFps
Larchwood	Lyon	531		None
Larrabee	Cherokee	167		None
Latimer	Franklin	445		I-AoFpaVc
Laurel	Marshall	223	M Drilled well	IH-ASC1sMFrs
Laurens	Pocahontas	1,799	M Drilled wells	IH-AoFpaFpzKp
Lawler	Chickasaw	532	M Drilled well	None
Lawton	Woodbury	324	M Drilled wells	None
Le Claire	Scott	1,546	M Drilled well	Dh
Ledyard	Kossuth	289	M Drilled well	None
Le Grand	Marshall	465	M Drilled wells	None
Lehigh	Webster	846	M Drilled wells	ID-AmFpaDhKp
Leighton	Mahaska	167		None
Le Mars	Plymouth	6,767		Dc
Lenox	Taylor	1,178		PD-ClaTcMptSoFrsDc
Leon	Decatur	2,004		Dc
Lester	Lyon	239	M Dug well	(Dh available)
	Cass	501		Dh
Lewis	Jefferson	368		I-AmFps
Libertyville	Carroll	201		I-AsFpa
Lidderdale	Howard	581	M Deep well	(Dh available)
Lime Springs	Tama	183		I-AmFps
Lincoln	Dallas	258		None
Linden		452	II DITITION WOLLD	None
Lineville	Wayne Buena Vista	330	II DILILOG MOLL	Dh
Linn Grove		1,227	ii oldice parine	None
Lisbon	Linn		II DITITION WOLL	Dh
Liscomb	Marshall	295 564		DhKc
Little Rock	Lyon	545		I-AmFps
Livermore	Humboldt	206	** ***	I-AtSc
Lockridge	Jefferson	1,605	II DILITICA MOZZ	ID-AtFpsDc
Logan	Harrison	653		H-MpsRFpsSClasSo
Lohrville	Calhoun	185		I-AoFps
Lone Rock	Kossuth	717	M Drilled wells	(Do Batch)
Lone Tree	Johnson			None
Long Grove	Scott	182		None
Lost Nation	Clinton	567	11 011111	I-AcFps (DcKc avail-
Lovilia	Monroe	630	M Drilled well	able)
Lowden	Cedar	641	M Drilled well	At
Low Moort	Clinton	343	M Drilled wells	None
Luana	Clayton	276		None
Luther	Boone	147	M Gravel packed well	Dh
Lu Verne	Kossuth	468		I-AoFpsDh
Lynnville	Jasper	411		None
	Sac	376		None (Dh available)
Lytton	Dac	3,0		
Macedonia	Pottawattamie	290	II Graver passes	None
Madrid	Boone	2,286	II Graver packet merry	Dc
Malcom	Poweshiek	416	M Dug well - drilled well	ID-AtFpsDh

		DOD OU	NER-	
CITY OR TOWN	COUNTY		SHIP SOURCE	TREATMENT
CIII OK IOWN	COUNTY	1700		
Mallard	Palo Alto	431	M Drilled wells	I-AoFps
Malvern	Mills	1,193	M Gravel packed wells	ID-AtFrsDh
Manchester	Delaware	4,402	M Drilled wells	Vt
Manilla	Crawford	939	M Drilled & grvl.pd.wells	None
Manly	Worth	1,425	M Drilled wells	I-AcFps
Manning	Carrol1	1,676	M Dug & grv1.pkd,wells	Dc
Manson	Calhoun	1,789	M Drilled wells	None
Mapleton	Monona	1,686	M Drilled wells	None
Maquoketa	Jackson	5,909	M Grv1. pkd. wells & drilled well	Dc
Marathon	Buena Vista	516	M Drilled wells	I-AmFps
Marble Rock	Floyd	442	M Drilled wells	None
Marcus	Cherokee	1,307	M Drilled wells	ID-AoFpsDh
Marengo	Iowa	2,264	M Kelley & Grvl.pkd.wells	None (Dh available)
Marion	Linn	10,882	M Deep wells	D-DhKc - Wells #1 & 2
				AtDcFpsKcVa - Well #3
Marne	Cass	205	M Gravel packed well	None
Marquette	Clayton	572	M Drilled well	None
Marshalltown	Marshall	22,521	M Drilled wells	HD-AtC1MSmRSRFrsDcVs
Martelle	Jones	247	M Drilled well	None
Martensdale	Warren	316	M Gravel packed well	ID-AcFpsDhS
Mason City	Cerro Gordo	30,642	M Deep wells	Dc
Massena	Cass	456	M Bored & grvl.pkd.wells	ID-AmDcFpsKp
Matlock Market	Sioux	103	M Bored well & dug well	None
Maurice	Sioux	237	M Drilled well & dug well	None
Maxwell	Story	773	M Deep wells	Dh
Maynard	Fayette	515	M Drilled wells	Dh
Maysville	Scott	126	M Drilled well	None
McCallsburg	Story	272	M Drilled well	I-AoFps
McGregor	Clayton	1,040	M Drilled wells	None
Mechanicsville	Cedar	1,010	M Drilled well	None
Mediapolis	Des Moines	1,040	M Drilled wells	DHKc
Melbourne	Marshall	517	M Drilled well	ID-AcFpsDh
Melcher Melcher	Marion	867	M Drilled well	ID-AokFpmKpDh
Melvin	Osceola	364	M Drilled well	None
Men1o	Guthrie	421	M Dug well & drilled wells	IHD-AkFpmzDh
Meriden	Cherokee	192	M Drilled well	None
Merrill	Plymouth Plymouth	645	M Kelley well	None
Meservey	Cerro Gordo	331	M Drilled wells	None
Middle Amana	Iowa	267*	P Gravel packed well	None PHD-CalDcMtpsSvFrsDc
Middletown	Des Moines	245	M Purchases from Iowa	PHD-CalbertepsSvF1sDc
		076	Ordinance Plant	H-Fpz (Dh available)
Miles	Jackson	376	M Drilled wells	Dc
Milford	Dickinson	1,476	M West Okoboji Lake M Bored well	Dh
Milo	Warren	468	M Drilled wells	None
Milton	Van Buren	609	M Drilled well	I-AkFpm
Minburn	Dallas	357	M Dug wells & grvl.pkd.well	THDA oMCasFpsFpzDh
Mindend	Pottawattamie	355 260	M Gravel packed well	I-AcFps
Mingo	Jasper		M Drilled wells	ID-AtScDcFrs
Missouri Valley	Harrison	3,567 957	M Gravel packed well	None
Mitchellville	Polk	276	M Drilled grvl pkd, well	IHD-AcFpsFpzKpDh
Modale	Harrison Harrison	436	M Drilled & grvl.pkd.well	I-AmFp¢
Mondamin	Clayton	1,346	M Deep wells	None (Dh on stdby, well)
Monona	Jasper	1,366	M Drilled wells	None
Monroe	Poweshiek	1,416	M Imp. reservoir	PD-MtsSvCalTcFrsDc
Montezuma	TOWESTITER	1,410		

*1950 Census

		POP. O	WNER-	
CITY OR TOWN	COUNTY	1960	SHIP SOURCE	TREATMENT
CITT OR TOWN	COOMIT	1700	DILL DOUGL	
Monticello	Jones	3,190	M Drilled wells	None
Montour	Tama	452	M Drilled well	Dc
Moorhead	Monona	313	M Jetted & Drilled well	None
Moorland	Webster	281	M Drilled well	None
Moravia	Appanoose	621	M Drilled well	ID-AmDhKp
Morning Sun	Louisa	875	M Drilled well	ID-AmFpsDc
Moulton	Appanoose	773	M Drilled well	ID-AoFpsDh
Mount Ayr	Ringgold	1,738	M Imp. reservoir	PD-DcCalMtpsSvDc
Mount Pleasant	Henry	7,339	M Drilled well	ID-AoFpsDc
Mount Fleasant	nenry	7,333	Bored wells	Dc
Mount Vernon	Linn	2,593	M Drilled wells	Dh - Well #2
Moville	Woodbury	1,156	M Dug well & bored well	Dh - dug well
	Clarke	613	M Drilled wells	None
Murray Muscatine	Muscatine	20,997	M Shallow wells	Dc
Muscatine	riuscatine	20,557	II biidabii iioaab	
Nashua	Chickasaw	1,737	M Drilled wells	None
Neola	Pottawattamie	870	M Drilled wells	None
Nevada	Story	4,227	M Drilled wells	ID-AcFpsDh
New Albin	Allamakee	643	M Drilled well	None
Newell	Buena Vista	893	M Drilled wells	I-AoFps
Newhall	Benton	495	M Drilled wells	ID-AoFpaDh
New Hampton	Chickasaw	3,456	M Drilled wells	KcDc
New Hartford	Butler	649	M Drilled wells	I-AoFpsAt
New Liberty	Scott	145	M Drilled well	None
New London	Henry	1,694	M Drilled well	I-AtmFpsDc
New Market	Taylor	506	M Drilled well	ID-AcFpsKpDh
New Providence	Hardin	206	M Drilled well	None
New Sharon	Mahaska	1,063	M Gravel packed wells	ID-AtFps
Newton	Jasper	15,381	M Gravel packed wells	DcKcVs
New Vienna	Dubuque	265	M Drilled wells	None
New Virginia	Warren	381	M Drilled wells	None
Nora Springs	Floyd	1,275	M Drilled wells	I-AcFps
North English	Iowa	1,004	M Drilled wells	IH-AoFpsFpzKpAt
Northwood	Worth	1,768	M Drilled wells	I-AoFps
Norwalk	Warren	1,328	M Drilled well & gravel	I-AtFpaDh
			packed wells	
Norway	Benton	516	M Drilled well	ID-AtFpaDh
Oakland Oakland	Pottawattamie	1,340	M Gravel packed & drilled	None
			wells	
Ocheyedan	Osceola	662	M Bored well	Dh
Odebolt	Sac	1,331	M Shallow wells & drilled	ID-AmoFpsDh
			wells	
Oelwein	Fayette	8,282	M Drilled wells	At (Dc Available)
Ogden	Boone	1,525	M Gravel packed wells	None
Okoboji	Dickinson	330	M West Okoboji Lake	Dc
Olin	Jones	703	M Drilled well	None
Onawa	Monona	3,176	M Drilled & dug wells	ID-AtScFrsDc
Onslow	Jones	269	M Drilled well	None
Orange City	Siouk	2,707	M Drilled well-bored wells	Dh
Orchard	Mitchell	116	M Drilled well	None
Orleans	Dickinson	280	M Purchases from Spirit Lak	
Osage	Mitchell	3,753	M Drilled wells	None
Osceola	Clarke	3,350	M Imp. reservoir	PD-AsClaTcMppSFrsDc
Oskaloosa	Mahaska	11,053	M Wells & South Skunk River	
Ossian	Winneshiek	827	M Drilled wells	None

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		POP. O	WNEF	?-	
CITY OR TOWN	COUNTY	1960	SHIE	SOURCE	TREATMENT
	77.7	500	3.0	Deci 11 - 1 11 -	TD Amena (Dh availahla)
Otho	Webster	593		Drilled wells	ID-AmFps (Dh available) Dh
Oto	Woodbury	221		Drilled well	
Ottosen	Humboldt	92		Drilled well	H-FpzKp
Ottumwa	Wapello	33,871	M	Des Moines River	PHD-TckMtpCailsoSomRNg DcMtpCioSomRVsKcFrs
Oxford	Johnson	633	M	Drilled wells	ID-AtDhFps
Oxford Junction	Jones	725	M	Dug well	Dh
Oyens	Plymouth	114	M	Drilled well	None
D-1	Pocahontas	271	М	Drilled wells	ID-AoFpsDh
Palmer	She1by	257		Bored wells	None
Panama	Guthrie	1,019		Raccoon River	PD-ClaTcMSFrsDc
Panora		1,468		Drilled wells	HD-DhKpFpz
Parkersburg	Butler	370		Drilled wells	ID-DhFps
Paton	Greene				Dc
Paullina	O'Brien	1,329		Dug & grvl, pkd. wells Infiltration galleries,	IHD-AmFrsFrzNgDcVs
Pella Pella	Marion	5,198	M		TIID-WHILL TOLL TOURDONS
		6 110	3.6	dug & grvl. pkd. wells	HD-AtC1CoMtpsSvRFrsDcVt
Perry	Dallas	6,442		Drilled wells	IHD-AcCaKpFpsFpzDh
Persia	Harrison	322		Gravel packed well	
Peterson	Clay	565		Drilled wells	I-AkFpm
Pierson	Woodbury	425		Dug well - bored well	Dh
Pilot Mound	Boone	196		Drilled well	None
Pioneer	Humboldti	448		Dug well & bored well	None
Pisgah	Harrison	343		Drilled well	None
Plainfield	Bremer	445		Drilled well	None
Pleasant Hill	Polk	397		Purchases from Des Moines	
Pleasantville	Marion	1,025		Gravel packed well	ID-AcDhFps
Plover	Pocahontas	182		Bored well	None
Plymouth	Cerro Gordo	422		Drilled well	Dh
Pocahontas	Pocahontas	2,011		Drilled & grvl.pkd.wells	None
Polk City	Polk	567		Gravel packed well	I-AtFpa
Pomeroy	Calhoun	816		Drilled wells	I-AmFps
Portsmouth	She1by	232		Bored well	None I-AoFrs (FpzKpDh avail-
Postville	Allamakee	1,554	M	Drilled wells	able)
Prairieburg	Linn	226	M	Drilled well	None
Prairie City	Jasper	943		Gravel packed wells	Dh
Prescotti	Adams	331		Gravel packed well	ID-AtFpsDh
Preston	Jackson	819		Drilled well	(Dh available)
Primghar	O'Brien	1,131	M	Drilled, bored & dug wells	sID-AmFpsDc
Princeton	Scott	580	M	Drilled well	None
Protivin	Howard	302	M	Drilled well	I-AoFps
Quimby	Cherokee	-369369	M	Drilled well	None
		41, 17			UD En -Va Dh Va
Radcliffe	Hardin	615		Drilled wells	HD-FpzKpDhKc
Rake	Winnebago	328		Drilled well	None
Randa11	Hamilton	201		Drilled well	None
Randolph	Fremont	257		Gravel packed well	ID-AcFpaKpDh
Readlyn	Bremer	547		Drilled well	I-AcFps
Redfield	Dallas	966		Gravel packed well	HD-FpzDhKp
Red Oak	Montgomery	6,421		Dug & grv1.pkd.wells	Dc (Dug well) Va(all wells)
Reinbeck	Grundy	1,621		Drilled wells	None
Rembrandt	Buena Vista	265		Drilled well	ID-AtFpsDh
Remsen	Plymouth Plymouth	1,338		Dug & Grv1. pkd. wells	None
Renwick	Humboldt	47.7	M	Drilled wells	H-FpzKpAo

		POP.	OWNER-		
CITY OR TOWN	COUNTY	1960	SHIP	SOURCE	TREATMENT
Rhodes	Marshall	358	M Dril	led well	I-Fps
Riceville	Mitchell	898	M Dril	led well	None
Richland	Keokuk	546	M Dril	led well	I-AmFps
Ricketts	Crawford	133		point well & dug well	Dh
Ridgeway	Winneshiek	267	M Dril	led well	Dh
Rinard	Calhoun	99	M Dril	led well	None
Ringsted	Emmet	559		led wells	ID-AoFpsDh
Rippey	Greene	331		led well	IHD-AcFpaFpzKpDh
Riverdale	Scott	477	P Deep		ID-AtFraDc
Riverside	Washington	656		led wells	Dh
Rockford	Floyd	941		led well	None
Rock. Rapids	Lyon	2,780		led & Dug, horizon-	Dc
		1 (00		screen wells	None
Rock Valley	Sioux	1,693		well & drilled wells	None
Rockwell	Cerro Gordo	772		led wells	IHD-AcFpaFpzDcKp
Rockwell City	Calhoun	2,313		led wells	I-AtSFrs
Roland	Story	819		led wells	IHD-AoFpsFpzKpDh
Rolfe	Pocahontas	223		led well	None
Rose Hill	Mahaska Wright	273		led well	ID-AmFpsDcAt
Rowan	Clay	475		led well	ID-AtScFpsDhKp
Royal Rudd	Floyd	436		led wells	I-AcFps
Runnells	Po1k	322		el packed wells	None
Russell (Lucas	577		drilled well	I-AkFpm
Ruthven	Palo Alto	712		led wells	I-AoFps
Rutland	Humboldt	221	M Dril	led well	None
Ryan	Delaware	347	M Dril	led wells	Dh - Well #1
Sabula	Jackson	894	M Dril	led wells	None
Sac City	Sac	3,354		wells	HD-MtpsSvFrsDcRCa1sVs
Saint Ansgar	Mitchell Mitchell	1,014		led wells	Va
Saint Charles	Madison	355		el packed well	ID-AmDhFps
Saint Marys	Warren	94		led well	None
Saint Olaf	Clayton	169		led well	None
Salem	Henry	442		led wells	Kc
Salix	Woodbury	394		led well	I-AtFps None
Sanborn	O'Brien	1,323		el packed wells	None
Schaller	Sac	896		led wells	Dh
Schleswig	Crawford	785	M Dug	led well	None
	G	865		led wells	I-AtSFrs
Scranton	Greene Poweshiek	165		led wells	None
Searsboro	Woodbury	813		led wells	I-AoFps
Sergeant Bluff	Wayne	1,117		reservoir	PD-AtClaTMtbSFrsDc
Seymour Sheffield	Franklin	1,156		well & gravel	Dh
Sherrierd	Trankiin	2,230		ed well	
Shelby	She1by	533		ed & grvl.pkd.wells	IHD-AmFpsFpzKpDh
Sheldah1	Polk	279	M Dril	led well	I-AtSoFpa
Sheldon	O'Brien	4,251		& grv1.pkd.wells	ID-AtSDcKc
Shell Rock	Butler	.1,112		led wells	Dh
Shellsburg	Benton	625	M Dug	& drilled wells	Dh - Wells #1 & 2
					ID-AmFpaDc - Well #3
Shenandoah	Page	6,567		y & grv1.pkd.wells	HD-AmClasMtpSocRFrsDcVa
Sibley	Osceola	2,852		rel packed wells	Dc
Sidney	Fremont	1,057		ngs & grv1.pkd.wells	None
Sigourney	Keokuk	2,387		led & grv1.pkd.wells	ID-AcFpsDcVa Dh
Silver City	Mills	281		rel packed well	I-AtFpaVa
Sioux Center	Sioux	2,275	M Grav	rel packed wells	1 Act para

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		POP. OWNER-			
CITY OR TOWN	COUNTY	1960	SHIP	SOURCE	TREATMENT
Sioux City	Woodbury	89,159	M Dri	lled wells	Dc
Sioux Rapids	Buena Vista	962	M Dug	well	DcVa
Slater	Story	717	M Dri	lled wells	ID-AoFpsDcKc
Sloan	Woodbury	704		lled well	I-AoFps
Smithland Smithland	Woodbury	349		lled well	None
Soldier	Monona	284		lled wells	None
Solon	Johnson	604		lled wells	Dh
Somers	Calhoun Calhoun	203		lled well (reclaimed	None
				R. well)	
South Amana	Iowa	275		lled wells	None
South English	Keokuk	217		lled wells	ID-DhFps
Spencer	Clay Clay	8,864	The second secon		IDH-AtC1MtpsSvFpsFpzDc
Spillville	Winneshiek	389		lled wells	Dh
Spirit Lake	Dickinson	2,685		rit Lake	HD-MtpsSvFrsDcCa1R
Springbrook	Jackson	139		lled well	None
Springville	Linn	785		lled well	Dh
Stacyville Stacyville	Mitchell	588		lled well	Dh
Stanhope	Hamilton	461		lled well	I-AoFps
Stanton	Montgomery	514		llow well	IHD-AcFpsFpzKpDh
Stanwood	Cedar	598		lled well	None ID-AsSFrsDc
State Center	Marshall	1,142		drilled & deep wells	None
Steamboat Rock	Hardin	426		lled well	
Stockton	Muscatine	164		lled well	None
Storm Lake	Buena Vista	7,728		lled wells	HD-ClsaMtpsSvRFrsDc IHD-AoFpsDhFpzKp
Story City	Story	1,773		lled wells	None
Stout	Grundy	145		lled wells	IHD-AoFrsFpzKpDh
Stratford	Hamilton	703		lled wells	None
Strawberry Point	Clayton	1,303		lled wells	Dh available
Stuart	Guthrie	1,486		lled wells & springs lled well	None
Sul1y	Jasper	508		lled & grvl.pkd.wells	None (Dh - standby well)
Sumner	Bremer	2,170		lled well	None
Superior	Dickinson	883		lled wells	ID-AoFpsDc
Sutherland	O'Brien	805		lled wells	IH-AoFpsFpzKp
Swea City	Kossuth	803	H DII	iled wells	
	Fremont	909	M Tmp	. reservoir	PD-AtClaTcMtpSoFrsDc
Tabor	Tama	2,925		llow wells	None
Tama	Carrol1	354		wells & drilled well	Dh available
Templeton Terril	Dickinson	382		lled well	IHD-AmFpaFpzKpDhAt
Thompson	Winnebago	689		lled wells	ID-AoFpaDc
Thor	Humboldt	234		lled well	Ko
Thornton	Cerro Gordo	449		lled wells	None
Thurman	Fremont	268		lled well	None
Tipton	Cedar	2,862		lled wells	KcVa
Titonka	Kossuth	647		lled well	ID-AoFpsDh
Toledo	Tama	2,850	M Sha	llow wells & drilled	ID-AoFpsDc
			wel:		
Traer	Tama	1,623	M Dri	lled wells	IH-AmFpsFpzKpDc
Treynor	Pottawattamie	368	M Gra	vel packed wells	None
Tripoli	Bremer	1,179		lled wells	I-AoFps (Dh available)
Truesdale	Buena Vista	153	M Dri	lled well	None
Truro	Madison	338	M Dri	lled well	I-AcFps
		227	M Desi	11 od 12011 a	None
Underwood	Pottawattamie	337		lled wells	None
Union	Hardin	534		vel packed wells chases from Iowa City	(See Iowa City)
University Hts.	Johnson	841	M Pur	chases from fowa city	2000 10114 01037
*1950 Census			- 13		

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		DOD	TAKED	
CITY OF TOLK	COUNTY		WNER- SHIP SOURCE	TREATMENT
CITY OR TOWN	COUNTY	1900	SHIF SOURCE	TREATRIENT
University Park	Mahaska	569	M Purchases from Oskaloosa	(See Oskaloosa)
Urbana	Benton	544	M Drilled wells	None
Urbandale	Po1k	5,821	M Purchases from Des Moines	(See Des Moines)
Ute	Monona	511	M Drilled wells	None
oce .	Honona			
Vai1	Crawford	473	M Dug well & drilled well	None
Van Horne	Benton	554	M Drilled well	I-AoFpsKp
Van Meter	Dallas	385	M Drilled well	None
Varina	Pocahontas	162	M Drilled well	None
Victor	Iowa	870	M Drilled well	HD-FpzKpDc
Villisca	Montgomery	1,690	M Drilled & grvl.pkd.wells	ID-CaAmScFrsDcVa
Vincent Vincent	Webster	173	M Drilled well	None
Vinton	Benton	4,781	M Drilled wells & gravel	I-AoFpsDc
			packed well	
Volga City	Clayton	361	M Drilled well	Dh available
			W 2 111 1 11	T A a En a
Walcott	Scott	664	M Drilled well	I-AoFps None
Walker	Linn	584	M Drilled well	None
Wallingford	Emmet	228	P Bored well	Dc
Wall Lake	Sac	812	M Dug wells M Drilled wells	ID-AoFpsDh
Walnut	Pottawattamie	777	M Gravel packed wells	IHD-AoFpsFpzKpDh
Wapello	Louisa	1,745	M Drilled wells	DcKcp
Washington	Washington	6,037 310	M Dug wells & drilled well	Dh - drilled well
Washta	Cherokee		M Drilled & grvl.pkd, wells	Dc
Waterloo	Black Hawk	72,687	M Deep well	I-AcFps
Waukee	Dallas	3,639	M Drilled wells	Vt
Waukon	Allamakee	6,357	M Shallow & deep drilled	None
Waverly	Bremer	0,337	wells	
Wayland	Henry	597	M Drilled well	I-AtFps (Dh available)
Wayland Webb	Clay	236	M Drilled & grvl.pkd.well	I-AtSoFps
Webster	Keokuk	137	M Drilled well	None
Webster City	Hamilton	8,520	M Deep wells	HD-MtpsSvFrsDcAtRCals
Wellman	Washington	1,085	M Drilled wells	IH-AtFpaFpzKp
Wellsburg	Grundy	827	M Drilled wells	I-AcFps
Wesley	Kossuth	514	M Drilled wells	None
West Amana	Iowa	200*	P Gravel packed well	None
West Bend	Palo Alto	910	M Drilled wells	ID-AtFpsKpDh
West Branch	Cedar	1,053	M Drilled well	ID-DcAmFps
West Burlington	Des Moines	2,560	M Drilled well	None
West Chester	Washington	253	M Drilled well	Dh
West Des Moines	Polk	11,949	M Gravel packed wells	IDH-AtMtpsSvCa1sDcRVa
Westgate	Fayette	214	M Drilled well	None
West Liberty	Muscatine	2,042	M Drilled wells	I-AoFps
West Okoboji	Dickinson	171	M Purchases from Milford	(See Milford)
West Point	Lee	758	M Drilled wells	ID-AcFpsDc
Westside	Crawford	367	M Dug well & drilled well	Dh available on dug well
West Union	Fayette	2,551	M Drilled wells	Dc
What Cheer	Keokuk	956	M Drilled wells	ID-AcFpsDh
Wheatland	Clinton	643	M Drilled wells	ID-DhAmFps
Whiting	Monona	595	M Drilled wells	ID-AoFpsDh
Whittemore	Kossuth	741	M Drilled wells	IHD-AoFpsFpzDhAt None
Whitten	Hardin	184	M Drilled wells	None
Willey	Carroll	80	M Drilled well	HD-FpzKpDh
Williams	Hamilton T	490	M Drilled wells	None
Williamsburg	Iowa	1,342	M Drilled wells	Home
* 1950 Census			- 14 -	

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CITY OR TOWN	COUNTY	1960	SHIP SOURCE	TREATMENT
Wilton	Muscatine	1,750	M Drilled wells	Dc
Windsor Heights	Polk	4,715	M Purchases from Des Moines	(See Des Moines)
Winfield	Henry	862	M Drilled wells	IHD-AoFpsFpzKpDc
Winterset	Madison	3,639	M Shallow wells	DcVa
			Imp, reservoir	PD-CalTcMtpsSvFrsDcVa
Winthrop	Buchanan	649	M Drilled wells	ID-AtFpsDh
Wiota	Cass	195	M Drilled well	None
Woden	Hancock	283	M Drilled well	None'
Woodbine	Harrison	1,304	M Drilled & grvl.pkd.well	Dc
Woodward	Dallas	967	M Purchases from Woodward	HD-AtCalsMtpsSvRFrsDc
			State Institution	
Woolstock	Wright	269	M Drilled well	None
Wyoming	Jones	797	M Drilled wells	Dh
Yale	Guthrie	260	M Drilled well	None
Zearing .	Story	528	M Artesian well	IHD-AtFpaFpzDhKp

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The following Benefited Water Districts (public water supplies by definition), established under Chapter 357, Code of Iowa, serve unincorporated areas in the State.

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NAME OF DISTRICT	COUNTY	SERVED	SOURCE OF SUPPLY
	TT-1	500	Ft D-1
Coleman Water District	Webster	500	Fort Dodge
East Lawn Acres	Webster	600	Fort Dodge
Water District #2	Boone	100	Boone
Water District #36	Polk	170	Altoona
Water District #62	Po1k	15	Altoona
Water District #6	Po1k	500	Des Moines
Water District #9	Po1k	125	Des Moines
Water District #10	Polk	300	Des Moines
Water District #11	Polk	230	Des Moines
Water District #32	Polk	80	Des Moines
Water District #34	Po1k	750	Des Moines
Water District #39	Po1k	345	Des Moines
Water District #46	Polk	72	Des Moines
Water District #47	Polk	68	Des Moines
Water District #51	Polk	30	Des Moines
Water District #52	Po1k	212	Des Moines
Water District #55	Po1k	400	Des Moines
Water District #60	Po1k	40	Des Moines
Water District #68	Po1k	35	Des Moines

The following Polk County Water Districts also secure water from Des Moines but information on population served is not available: #13, 15, 17-A, 17-B, 18, 21, 23, 27, 30, 31, 33, 37, 40, 41, 42, 44, 45, and 65, and 48.

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