

City of Woodland Recycled Water Program

November 2014

Recycled Water Uses

- WPFC produces approx. 4 MGD
- Title 22 - Tertiary treatment
- UV Disinfection

Recycled Water Uses

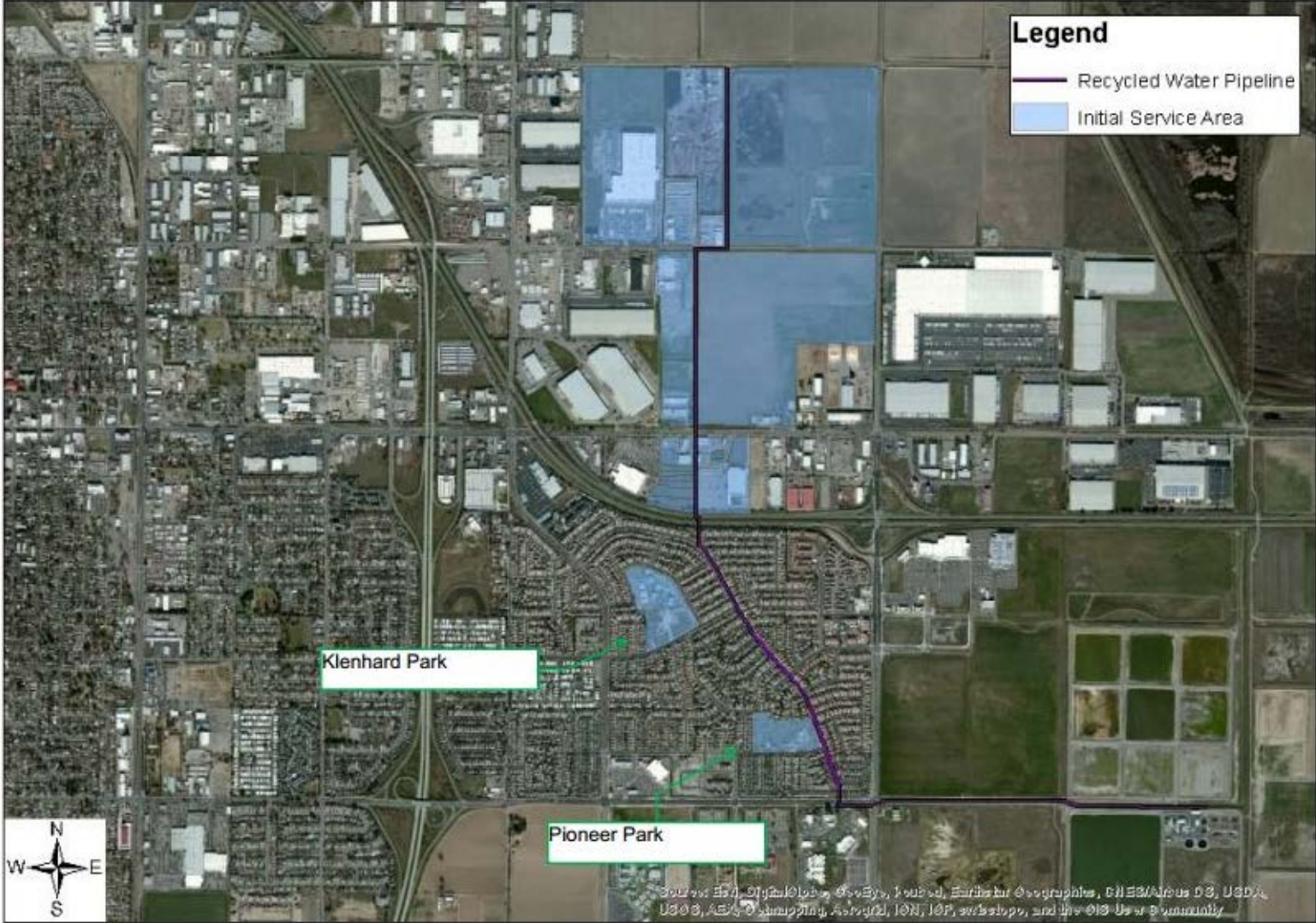
- Parks and playgrounds including fountains
- Residential landscaping
- Food crops
- School yards
- Industrial or commercial cooling and air conditioning, including any mechanism that causes a mist
- Car washes
- Structural fire fighting

Recycled Water Quality

Constituent	Units	Current Groundwater Water Quality	Estimated Future Recycled Water After Water Supply Project
Electrical Conductivity	mmhos/cm	0.9	0.8
Total Dissolved Solids	mg/L	550	500
Ortho-Phosphorus	mg/L	No Data, likely <1	5
Turbidity	NTU	0.01	0.5
Fluoride	mg/L	0.15	0.7
Ammonia	mg/L	No Data, likely < 1	<1
Boron	mg/L	2.35	0.70
Aluminum	ug/L	No Data	100
Barium	ug/L	0.22	20
Boron	mg/L	2.35	0.70
Calcium	mg/L	60	90
Chromium	ug/l	16.4	3.2
Copper	ug/L	3.7	12
Iron	ug/L	176	<300
Magnesium	mg/L	40	30
Potassium	mg/l	2.5	1
Sodium	mg/L	65	110
Total Hardness as CaCO3	mg/L as CaCO3	350	200
Total Alkalinity	mg/L as CaCO3	300	100
Nitrate	mg/L as NO3	25	40
Sulfate	mg/L as SO4	36	6.1

Recycled Water Project

Woodland Recycled Water Project



0 0.3 0.6 1.2 Miles