

2002 - 2010 Urban Wastewater Statistics

WATER AND WASTEWATER - WATER RESOURCES																								
NB: All Towns are managed by Water Corporation with the exception of Kalgoorlie/Boulder, Bunbury (W) and Bussetton (W)	Volume Recycled Water Supplied - On Site								Volume Recycled Water Supplied - Other								Total Recycled Water Supplied							
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
	ML								ML								ML							
Albany (W/S)	0	0	0	0	0	Not provided	Not provided	0	0	0	0	0	0	0	0	0	1,915	1,873	1,900	1,958	2,063			
Australind / Eaton (W/S)						0	Not provided	Not provided									920	989	1,093	1,144				
Bridgetown/Hester (W)						0	Not provided	Not provided									34	65	35	48				
Broome (W/S)						0	Not provided	Not provided									1,051	982	830	1,009				
Bunbury (W)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bunbury / Dalyellup (S)					62	80	140										0	62	80	140				
Bussetton (W)					Not Provided	Not provided	Not provided	Not provided	Not Provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not Provided	Not Provided	Not provided	Not provided				
Bussetton (S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	234	232	234	236				
Camarvon (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	194	221	225	230				
Collie (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	0	0	0	0				
Denmark (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	0	0	0	0				
Derby (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	154	321	329	292				
Dongara / Denison (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	0	0	0	0				
Dunsborough (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	303	336	277	293				
Esperance (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	153	132	52	155				
Geraldton (W/S)					0	Not provided	Not provided	Not provided	5	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	281	263	279	240				
Harvey/Wokalup (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	0	0	0	0				
Jurien (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	0	0	0	0				
Kalgoorlie/Boulder (W)					Not Provided	Not provided	Not provided	Not provided	Not Provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not Provided	Not Provided	Not provided	Not provided				
Kalgoorlie/Boulder (S)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,025	1,158	1,219	1,791	1,888			
Karratha (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	985	1,028	1,087	1,160				
Katanning (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	91	197	193	277				
Kununurra (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	0	0	0	0				
Mandurah (W/S)		0	0	0	0	Not provided	Not provided	Not provided	0	Not provided	78						14	12	4	44	78			
Manjimup (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	286	347	352	353				
Margaret River scheme (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	366	365	393	399				
Merredin (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	103	88	103	109				
Narrogin (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	131	109	113	109				
Newman (W/S)					n/a	Not provided	Not provided	Not provided	n/a	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	n/a	n/a	n/a	n/a				
Northam (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	130	118	109	127				
Perth (W/S)			2,007	2,007	2,013	2,007	2,264		0	0							6,072	6,858	7,847	7,635	7,551			
Pingerra (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	242	250	253	249				
Port Hedland (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	209	36	231	175				
South Hedland (W/S)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	466	57	551	632				
York (W)					0	Not provided	Not provided	Not provided	0	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	Not provided	16	17	16	19				
TOTAL			0	0	2,075	2,087	2,404										16,350	17,295	18,263	18,076				
AVERAGE																			540	570				

WASTEWATER - ASSET																
All Towns are managed by Water Corporation with the exception of Kalgoorlie/Boulder	Length of sewerage mains and channels								Properties served per km of sewer main							
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
	km								properties/km							
Albany	261	258	265	289	307	311			38	38	36	35	36			
Australind / Eaton	130	172	185	205	207	214			27	29	30	31	33			
Broome	92	96	101	103	105	107			53	52	54	54	56			
Bunbury / Dalyellup	280	304	311	322	330	327			42	43	44	44	47			
Bussetton	186	196	213	236	255	251			35	34	33	34	36			
Collie	81	83	84	84	84	87			33	33	34	34	34			
Dunsborough	75	89	90	90	90	90			29	29	31	33	34			
Esperance	61	88	92	94	96	96			37	37	37	37	38			
Geraldton	210	209	220	242	245	250			33	34	34	37	39			
Jurien	16	19	26	30	30	30			26	20	18	19	20			
Kalgoorlie/Boulder	222	196	196	197	202	208			56	64	67	69	66			
Karratha	87	90	99	102	104	111			65	66	67	73	71			
Katanning	42	42	42	42	42	42			37	37	37	37	38			
Kununurra	33	34	34	34	35	33			40	42	44	43	47			
Mandurah	571	622	652	693	718	719			38	40	40	42	44			
Manjimup	40	40	40	40	47	49			37	37	38	32	33			
Merredin	37	37	37	37	37	37			35	35	35	35	37			
Narrogin	44	45	45	45	45	45			41	41	41	41	42			
Newman	39	37	37	38	39	39			67	67	84	83	87			
Northam	77	78	83	84	86	85			34	32	32	32	32			
Perth	9,488	9,772	10,032	10,273	10,502	10,716	10,886	11,007	56	56	57	57	58	59	60	
Port Hedland		65	65	65	70	73	73				54	54	52	51	53	
TOTAL OR AVERAGE	9,488	9,772	12,701	13,073	13,419	13,793	14,062	14,211	42	42	43	43	45			

2002 - 2010 Urban Wastewater Statistics

WASTEWATER - CUSTOMERS																	
NB: All Towns are managed by Water Corporation with the exception of Kalgoorlie/Boulder																	
	Total connected properties -sewerage									Sewerage service complaints							
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10		2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
	rounded to nearest 1,000									per 1,000 properties							
Albany	10	10	10	10	10	11	11	11	9.4	12.4	9.3	10.4	2.7				
Australind / Eaton	5	6	6	6	7	7	7	7	9.6	6.0	3.6	4.2	1.7				
Broome	5	5	6	6	6	6	6	6	4.8	3.5	2.7	2.3	1.2				
Bunbury / Dalyellup	13	13	14	15	15	15	15	15	5.5	6.3	5.0	3.9	1.4				
Busseton	7	7	8	9	9	9	9	9	9.1	12.1	6.6	8.0	1.7				
Collie	3	3	3	3	3	3	3	3	10.9	13.3	8.0	10.0	1.4				
Dunsborough	3	3	3	3	3	3	3	3	5.1	6.5	5.0	4.4	0.0				
Esperance	3	3	3	4	4	4	4	4	2.4	3.0	0.9	3.4	0.5				
Geraldton	7	8	8	9	9	10	10	10	0.0	5.6	4.6	3.5	0.0				
Jurien	0	1	1	1	1	1	1	1	6.3	2.0	1.9	1.7	0.0				
Kalgoorlie/Boulder	11	13	13	14	14	14	14	14	37.3	29.9	30.3	28.6	26.4				
Karratha	6	7	7	8	8	8	8	8	5.5	4.8	5.3	4.2	1.3				
Katanning	2	2	2	2	2	2	2	2	6.6	6.6	7.1	9.5	1.9				
Kununurra	1	1	2	2	2	2	2	2	11.7	5.6	9.4	5.9	3.8				
Mandurah	24	26	28	30	32	32	32	32	6.3	7.8	6.9	5.3	1.4				
Manjimup	1	2	2	2	2	2	2	2	4.8	11.7	5.4	6.0	1.9				
Merredin	1	1	1	1	1	1	1	1	4.0	7.9	14.8	9.2	0.7				
Narrogin	2	2	2	2	2	2	2	2	18.0	13.6	16.7	13.9	0.5				
Newman	2	3	3	3	3	3	3	3	11.2	9.6	6.3	7.6	0.9				
Northam	3	3	3	3	3	3	3	3	7.6	9.0	10.1	12.6	4.4				
Perth	534	550	567	585	603	622	640	659	6.5	8.7	6.8	6.2	2.1				
South Hedland	3	4	4	4	4	4	4	4	13.5	7.7	8.0	2.7	3.6				
TOTAL OR AVERAGE				697	726	751	779	801	8.9	8.8	7.9	7.4	2.7				

WASTEWATER - ENVIRONMENT																																				
NB: All Towns are managed by Water Corporation with the exception of Kalgoorlie/Boulder																																				
	Percentage of sewerage treated to a primary level									Percentage of sewerage treated to a secondary level									Percentage of sewerage treated to a tertiary level									Percentage of sewerage volume treated that was compliant								
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10		2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10		2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10		2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	
	%									%									%									%								
Albany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Australind / Eaton	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Broome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Bunbury / Dalyellup	0.0	0.0	0.0	0.0	0.0	0.0	Not provided	Not provided	0.0	20.0	20.0	20.0	17.6	5.2	0.0	0.0	0.0	80.0	80.0	80.0	82.4	94.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Busseton	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Collie	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Dunsborough	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Esperance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Geraldton	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Jurien	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Kalgoorlie/Boulder	0.0	0.0	0.0	0.0	0.0	0.0	Not provided	Not provided	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	Not provided	Not provided	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Karratha	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Katanning	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Kununurra	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Mandurah	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Manjimup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Merredin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Narrogin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Newman	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
Northam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Perth	4.1	4.2	4.4	4.5	4.7	5.0	4.9	4.8	55.4	55.4	56.6	1.0	1.0	1.0	0.0	0.0	40.5	40.4	39.0	94.5	94.3	94.0	95.1	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
South Hedland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE				0.2	0.2	0.2	0.3	0.3				56.1	56.1	56.1	56.0	57.4				41.6	41.6	41.6	41.6	42.4				91.7	91.6	94.5	96.3	97.2				

2002 - 2010 Urban Wastewater Statistics

WATER AND WASTEWATER - ENVIRONMENT																		
NB: All Towns are managed by Water Corporation with the exception of Kalgoorlie/Boulder (S), Bunbury (W) and Bussetton (W).																		
	Net greenhouse gas emissions - other									Total net greenhouse gas emissions								
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10		2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	
	Net Tonnes CO2 Equivalents per 1,000 properties									Net Tonnes CO2 Equivalents per 1,000 properties								
Albany (W/S)										693	724	650	596					
Australind / Eaton (W/S)																		
Bridgetown/Hester (W)																		
Broome (W/S)																		
Bunbury (AQWEST) (W)																		
Bunbury / Dalyellup (S)																		
Bussetton (BWB) (W)																		
Carnarvon (W)																		
Collie (W/S)																		
Denmark (W)																		
Derby (W)																		
Dongara / Denison (W)																		
Dunsborough (W/S)																		
Esperance (W/S)																		
Geraldton (W)																		
Geraldton (S)																		
Harvey/Wokalup (W)																		
Jurien (W/S)																		
Kalgoorlie/Boulder (W)																		
Kalgoorlie/Boulder (S)																		
Karratha (W/S)																		
Katanning (W/S)																		
Kununurra (W/S)																		
Mandurah (W/S)																		
Manjimup (W/S)																		
Margaret River scheme (W)																		
Merredin (W/S)																		
Narrogin (W/S)																		
Newman (W/S)																		
Northam (W/S)																		
Perth (W/S)																		
Pingarra (W)																		
Port Hedland (W)																		
South Hedland (W/S)																		
York (W)																		
TOTAL	24	66	72	71						3,908	12,036	12,350	11,567					

WASTEWATER - ENVIRONMENT							
NB: All Towns are managed by Water Corporation with the exception of Kalgoorlie/Boulder							
	Sewerage Mains Breaks and Chokes (new for 2009/10)						
	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
	per 100 km of sewer main						
Albany							26.7
Australind / Eaton							6.5
Broome							0.9
Bunbury / Dalyellup							13.2
Bussetton							2.4
Collie							29.8
Dunsborough							3.3
Esperance							7.3
Geraldton							10.8
Jurien							0.0
Kalgoorlie/Boulder							76.0
Karratha							16.9
Katanning							52.3
Kununurra							26.9
Mandurah							11.8
Manjimup							2.0
Merredin							35.1
Narrogin							81.7
Newman							40.7
Northam							49.6
Perth							22.2
South Hedland							15.0
AVERAGE							24.2