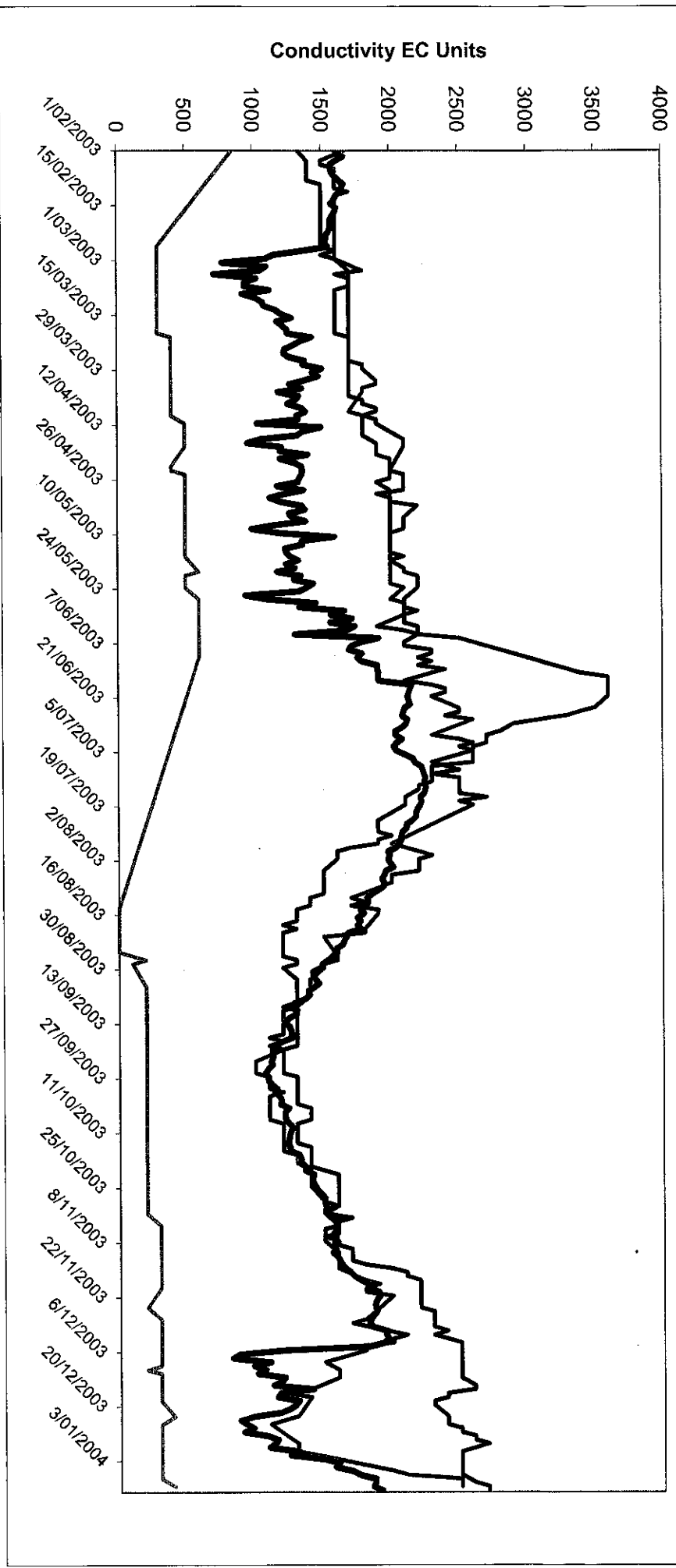


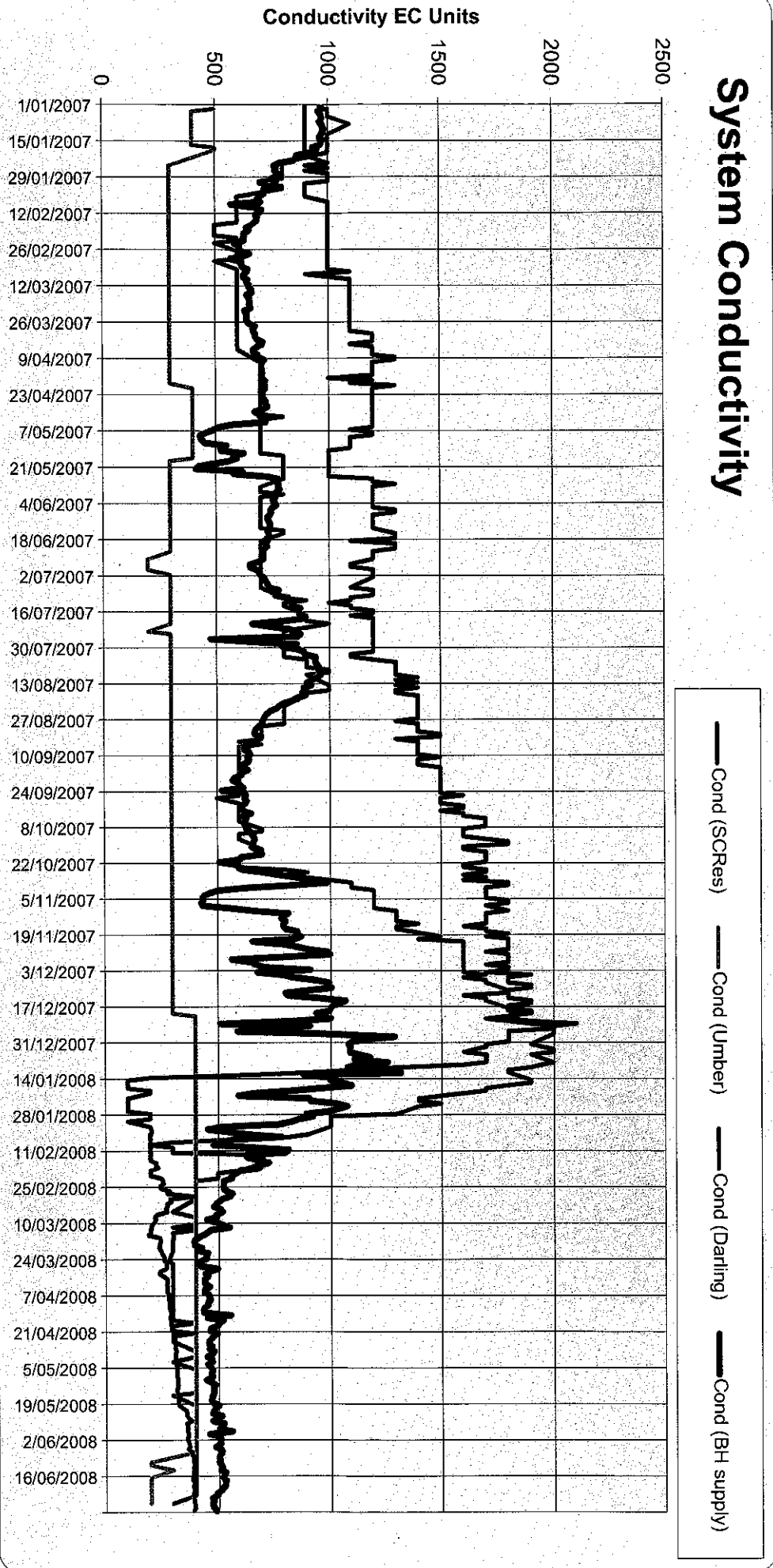
System Conductivity

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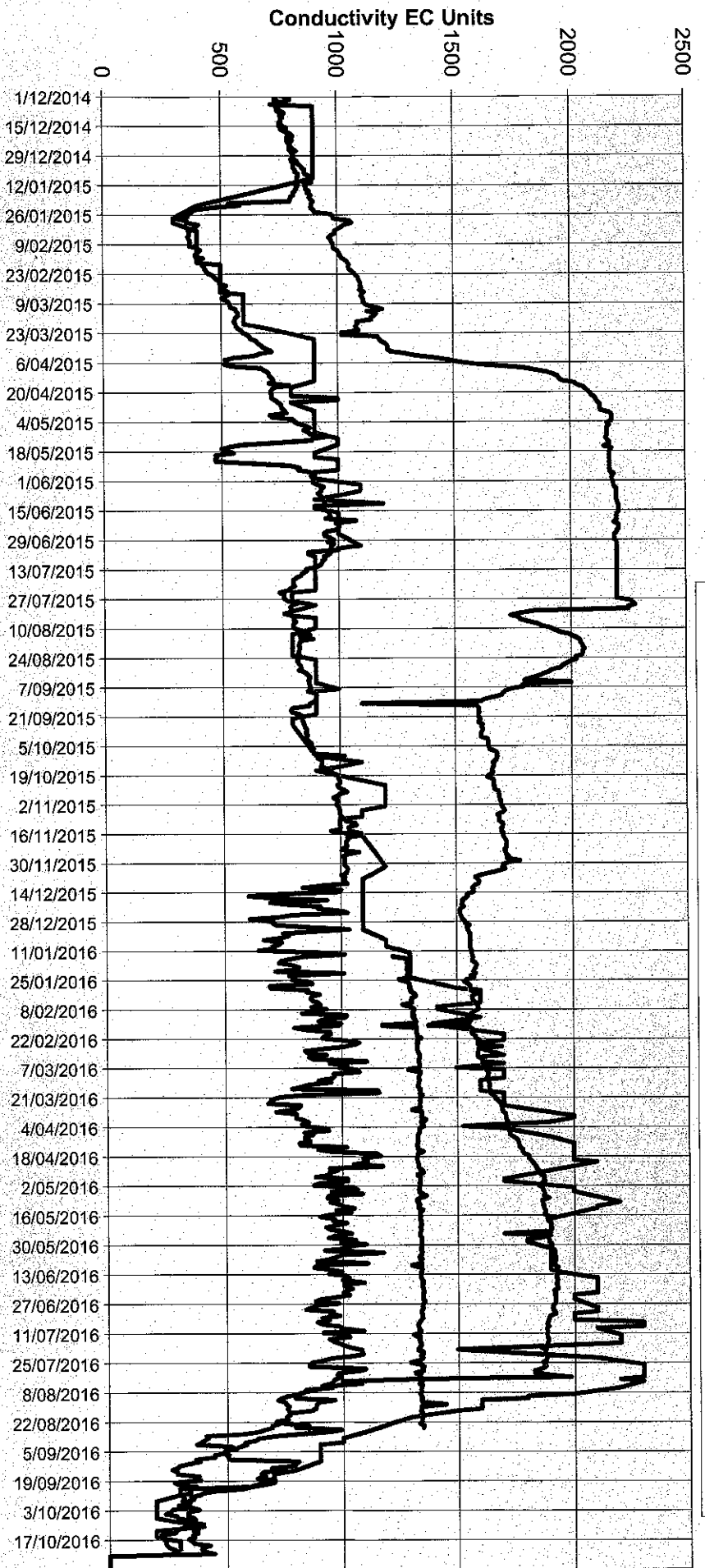


— Cond (SCRes) — Cond (Umber)
 — Cond (Darling) — Cond (BH supply)

System Conductivity



System Conductivity



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Table 1: Broken Hill quarterly drinking water quality report 1 January 2014 to 31 December 2014

BROKEN HILL		Filtered Water *									
Characteristics	No. Samples	Min	Avg	Max	ADWG	% Passed	Comply				
E. coli	102	0	0	0	0 orgs / 100 mL (100%)	100%	✓				
Fluoride**	11	0.7	0.9	1.1	0.9 to 1.5 mg/L	100%	✓				
Free Chlorine	102	0.3	2.1	4.1	0.2 to 5 mg/L	93%	✓				
Lead	11	<0.002	0.004	0.009	<0.01 mg/L	100%	✓				
Arsenic	11	0.001	0.002	0.006	<0.01 mg/L	100%	✓				
Manganese	11	<0.0005	<0.0005	<0.0005	<0.5 mg/L	100%	✓				
Cadmium	11	<0.0005	<0.0005	<0.0005	<0.002 mg/L	100%	✓				
Copper	11	0.005	0.012	0.012	< 2 mg/L	100%	✓				
Mercury	11	<0.0001	<0.0001	<0.0001	<0.001 mg/L	100%	✓				
Trihalomethanes	11	0.08	0.15	0.28	<0.25 mg/L	91%	✓				
Turbidity	11	0.1	0.15	0.2	< 5 NTU	100%	✓				
True Colour	9	1.0	1.1	2.0	15 HU	100%	✓				
pH	112	7.0	7.4	7.9	pH 6.5-8.5	100%	✓				
EC***	11	491	646	847	<1090 µS/cm	100%	✓				
Iron	11	0.01	0.02	0.05	<0.3 mg/L	100%	✓				
Zinc	11	0.01	0.02	0.05	< 3 mg/L	100%	✓				

* Filtered Water is defined as the water leaving the Water Treatment Plant or within the treated water reticulation.

** ADWG 2013, health guideline for fluoride is upper limit of 1.5mg/L.

*** ADWG 2013, salinity measure of good quality is 600TDS converts to 1090EC

FOR PUBLIC RELEASE

Table 1: Broken Hill quarterly drinking water quality report 1 January 2015 to 31 December 2015

BROKEN HILL		Filtered Water *						
Characteristics	No. Samples	Min	Avg	Max	ADWG	% Passed	Comply	
Health	E. coli	101	0	0	0	0 orgs / 100 mL (100%)	100%	✓
	Fluoride**	11	0.9	1.0	1.1	0.9 to 1.5 mg/L	100%	✓
	Free Chlorine	101	0.1	1.29	2.34	0.2 to 5 mg/L	93%	✓
	Lead	12	0.002	0.002	0.004	<0.01 mg/L	100%	✓
	Arsenic	12	0.001	0.003	0.006	<0.01 mg/L	100%	✓
	Manganese	12	0.005	0.006	0.009	<0.5 mg/L	100%	✓
	Cadmium	12	<0.0005	<0.0005	<0.0005	<0.002 mg/L	100%	✓
	Copper	12	0.005	0.009	0.015	< 2 mg/L	100%	✓
	Mercury	12	<0.0001	<0.0001	<0.0001	<0.001 mg/L	100%	✓
	Trihalomethanes	12	0.09	0.17	0.22	<0.25 mg/L	100%	✓
	Turbidity	13	0.1	0.5	2.7	< 5 NTU	100%	✓
	True Colour	12	1.0	1.8	4	15 HU	100%	✓
	Aesthetic	pH	113	7.2	7.6	8.0	pH 6.5-8.5	100%
EC***		12	338	761	1002	<1090 µS/cm	100%	✓
Iron		12	0.01	0.019	0.04	<0.3 mg/L	100%	✓
Zinc		12	0.01	0.02	0.04	< 3 mg/L	100%	✓

* Filtered Water is defined as the water leaving the Water Treatment Plant or within the treated water reticulation.

** ADWG 2013, health guideline for fluoride is upper limit of 1.5mg/L.

*** ADWG 2013, salinity measure of good quality is 600TDS converts to 1090EC

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Table 1: Broken Hill quarterly drinking water quality report 1 January 2016 to 31 March 2016

BROKEN HILL		Filtered Water *						
Characteristics	No. Samples	Min	Avg	Max	ADWG	% Passed	Comply	
Health	E. coli	0	0	0	0 orgs / 100 mL (100%)	100%	✓	
	Fluoride**	0.7	.7	.9	0.9 to 1.5 mg/L	100%	✓	
	Free Chlorine	0.1	1.2	3.4	0.2 to 5 mg/L	93%	✓	
	Lead	0.0020	0.0050	0.0080	<0.01 mg/L	100%	✓	
	Arsenic	0.0020	0.0030	0.0040	<0.01 mg/L	100%	✓	
	Manganese	0.0090	0.0107	0.0120	<0.5 mg/L	100%	✓	
	Cadmium	<0.0005	<0.0005	<0.0005	<0.002 mg/L	100%	✓	
	Copper	<0.005	0.0060	0.0070	< 2 mg/L	100%	✓	
	Mercury	<0.0001	0.0001	0.0002	0.001 mg/L	100%	✓	
	Trihalomethanes	0.100	0.147	0.200	<0.250 mg/L	100%	✓	
	Turbidity	<0.1	0.2	0.3	< 5 NTU	100%	✓	
	True Colour	1.0	1.3	2.0	15 HU	100%	✓	
	Aesthetic	pH	7.3	7.5	7.8	pH 6.5-8.5	100%	✓
EC***		740	842	995	<1090 µS/cm	100%	✓	
Iron		<0.01	0.01	0.02	<0.3 mg/L	100%	✓	
Zinc		<0.01	<0.01	<0.01	< 3 mg/L	100%	✓	

* Filtered Water is defined as the water leaving the Water Treatment Plant or within the treated water reticulation.
 ** ADWG 2013, health guideline for fluoride is upper limit of 1.5mg/L.
 *** ADWG 2013, salinity measure of 'good quality' is 600TDS converts to 1090EC

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Table 1: Broken Hill quarterly drinking water quality report 1 April 2016 to 30 June 2016

BROKEN HILL		FILTERED WATER						
Characteristics	No. Samples	Min	Avg	Max	ADWG	% passed	Comply	
Health	E.Coli	< 1	< 1	< 1	0 orgs / 100 mL (100%)	100%	Y	
	Fluoride **	0.8	0.9	1.0	0.9 to 1.5 mg/L	100%	Y	
	Free Chlorine	0.2	1.6	2.8	0.2 to 5 mg/L	100%	Y	
	Lead	<0.002	<0.002	<0.002	<0.01 mg/L	100%	Y	
	Arsenic	0.001	0.001	0.002	<0.01 mg/L	100%	Y	
	Magnesium	16.2	19.3	22.5	10,000 mg/L	100%	Y	
	Cadmium	<0.0005	<0.0005	<0.0005	<0.002 mg/L	100%	Y	
	Copper	<0.005	0.006	0.04	< 2 mg/L	100%	Y	
	Mercury	<0.0001	0.0001	0.0001	0.001 mg/L	100%	Y	
	Trihalomethanes	0.108	0.155	0.202	<0.250 mg/L	100%	Y	
	Turbidity	0.1	0.3	0.8	< 5 NTU	100%	Y	
	Aesthetic	True Clour	<1	1.5	2	15 HU	100%	Y
pH		7.2	7.5	7.9	pH 6.5-8.5	100%	Y	
EC***		819	975	1181	<1090 µS/cm	88%	Y	
Iron		<.01	0.02	0.04	<0.3 mg/L	100%	Y	
Zinc		<0.01	0.02	0.03	< 3 mg/L	100%	Y	

* Filtered Water is defined as the water leaving the Water Treatment Plant or within the treated water reticulation.

** ADWG 2013, health guideline for fluoride is upper limit of 1.5mg/L.

*** ADWG 2013, salinity measure of 'good quality' is 600TDS converts to 1090EC