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SPECIAL SUPPLEMENT

ESSENTIAL ENERGY

Schedule of Water and Sewerage Charges

Effective from 1 July 2013

UNDER section 310 of the Water Management Act 2000 and Regulations, Essential Energy is required to set the maximum scale of charges to apply for the 12 months commencing on 1 July 2013 (in accordance with the IPART Determination and Final Report dated June 2010), as follows:

SCHEDULE 1 - WATER SUPPLY CHARGES

RESIDENTIAL - BROKEN HILL, MENINDEE, SUNSET STRIP and SILVERTON

Access Charge		Usage Charge	
Nominal Size of Water Service	Annual Access Charge (\$)		Charge cents / kL
20mm	\$253.66	Treated Water Usage Charge	
25mm	\$396.13	Tier 1 (up to 1.096 kL/day*)	167 c/kL
32mm	\$649.79	Tier 2 ***(in excess of 1.096 kL/day*)	280 c/kL
40mm	\$1,014.66	Tier 1 Summer **(extra 0.549 kL/day in a 114 day period December to March)	167 c/kL
50mm	\$1,585.68		
80mm	\$4,058.60	Chlorinated Water Usage Charge	
100mm	\$6,341.56	Tier 1 (up to 1.096 kL/day*)	108 c/kL
150mm	\$14,268.80	Tier 2 ***(in excess of 1.096 kL/day*)	184 c/kL
		Tier 1 Summer **(extra 0.549 kL/day in a 114 day period December to March)	108 c/kL

VACANT LAND

All properties to be levied \$253.66 per property per annum

PIPELINE CUSTOMERS

Access Charge		Usage Charge	
Nominal Size of Water Service	Annual Access Charge (\$)		Charge cents / kL
		Untreated Water Usage Charge	
20mm	\$253.66	Tier 1 (up to 1.096 kL/day*)	72 c/kL
25mm	\$396.13	Tier 2 (in excess of 1.096 kL/day*)	108 c/kL
32mm	\$649.79		
40mm	\$1,014.66		

NON RESIDENTIAL – BROKEN HILL, MENINDEE, SUNSET STRIP and SILVERTON

Access C	harge	Usage Charg	e
Nominal Size of Water Service	Annual Access Charge (\$)		Charge cents / kL
		Treated Water Usage Charge per	Quarter
20mm	\$253.66	Tier 1 (up to 1.096 kL/day*)	167 c/kL
25mm	\$396.13	Tier 2 ***(in excess of 1.096 kL /day*)	280 c/kL
32mm	\$649.79	Tier 1 Summer **(extra 0.549 kL/day in a 114 day period December to March)	167 c/kL
40mm	\$1,014.66		
50mm	\$1,585.68	Untreated Water Usage Charge	
80mm	\$4,058.60	Any measured amount	147 c/kL
100mm	\$6,341.56		
150mm	\$14,268.80	Chlorinated Water Usage Charge	e
		Tier 1 (up to 1.096 kL/day*)	108 c/kL
VACANT LAND		Tier 2 ***(in excess of 1.096 kL /day*)	184 c/kL
All properties to be levied \$253.	66 per property per annum	Tier 1 Summer **(extra 0.549 kL/day in a 114 day period December to March)	108 c/kL
		Effluent Water Usage Charge	
		Any measured amount	63 c/kL

^{*} calculated on the number of days between meter reading

OPERATING MINES

Water Access Charge

Water Access Charge for each Operating Mine is levied on a pro rata basis, calculated on combined treated and untreated water consumption of all Operating Mines, up to a maximum annual water supply access charge of \$1.298234 million

Water Usage Charge

Water usage charge of \$2.1077/kL for all treated water usage with minimum payment of \$1.559692 million, on a pro rata basis

Water usage charge of \$1.47/kL for all untreated water usage.

^{**} To apply within a 114 day period in the summer quarter – 1 December 2013 to 24 March 2014

^{***} The tier two consumption price applies when water consumption exceeds 1.096 kilolitres per day or 1.645 kilolitres per day in the summer quarter multiplied by the number of days between a customer's meter reading.

SCHEDULE 2 – SEWERAGE AND TRADE WASTE CHARGES

SEWERAGE SERVICE CHARGES CITY OF BROKEN HILL

Residential Land: The service charge shall be a fixed charge of \$496.79 per customer service connection per year. In respect of any chargeable land used as the site of a block of company or community title units or flats shall be treated as a single non-residential assessment.

Non Residential Land:

Sewer Access Charge

Nominal Size of Service	Annual Access Charge (\$)
20mm	\$709.39
25mm	\$1,108.34
32mm	\$1,816.42
40mm	\$2,837.57
50mm	\$4,433.37
80mm	\$11,350.28
100mm	\$17,734.82
150mm	\$39,903.00
Sewer Usage Charge	
All kilolitres	119 c/kL

Sewer Discharge Factor

An appropriate sewer discharge factor is applied to the final sewerage calculation for non-residential customers.

Vacant Land: The service charge shall be a fixed charge of \$496.79 per property or customer service connection per year, whichever is greater.

SEWERAGE AND TRADE WASTE CHARGES FOR EACH OPERATING MINE

Residential: The sewerage service charge for mining company houses shall be \$496.79 per occupied house.

Non-residential: The sewerage service charge shall be the non-residential service charge based on the water supply service connection meter size. The sewer usage charge shall be 119 c/kL of non-residential discharge to the sewerage system.

Trade waste: Annual trade waste fee shall be \$1,491.62 for each operating mine.

Applicable trade waste usage charge or excess mass charge as detailed below.

These charges will apply until a liquid trade waste agreement has been implemented.

WATER AND SEWERAGE CHARGES IN RESPECT OF LANDS EXEMPT UNDER SCHEDULE 4

- (i) Water Land which is exempt from service access charges under Schedule 4 of the Act; shall be charged on the treated water usage recorded by the water service times the charge of 238 c/kL.
- (ii) Sewer Land which is exempt from service access charges under Schedule 4 of the Act; shall be charged on the water usage recorded by the water service times by the sewer usage charge of 119 c/kL times by the relevant Sewer Discharge Factor as per the NOW Liquid Trade Waste Management Guidelines 2009.

TRADE WASTE CHARGES FOR NON-RESIDENTIAL CUSTOMERS CITY OF BROKEN HILL

Non Residential Land:

Trade Waste Charges

Category 1 (Low Risk. Nil or only minimal liqu	uid trade waste pre-treatment equipment
required)	
Application fee*	\$219.29
Annual Trade Waste Fee	\$101.72
Re-inspection Fee	\$95.11

Category 1a (Low Risk. Require more sophisticated prescribed liquid trade waste pretreatment equipment)

Application fee*	\$219.29
Annual Trade Waste Fee	\$101.72
Re-inspection Fee	\$95.11
Non-Compliant Trade Waste Usage Charge**	\$1.90/kL

Category 2 (Medium Risk. Require prescribed liquid trade waste pre-treatment equipment)

Application fee*	\$219.29
Annual Trade Waste Fee	\$681.65
Re-inspection Fee	\$95.11
Trade Waste Usage Charge	\$1.90/kL
Non-Compliant Trade Waste Usage Charge***	\$17.44/kL

Category 3 (High Risk. Industrial and large volume dischargers)

Application fee* \$219.29

Annual Trade Waste Fee Set on a case by case basis depending on

the complexity of monitoring required

Re-inspection Fee \$95.11

Approved pH Range as per the Essential Energy Policy for the

Discharge of Liquid Trade Waste

Approved BOD Range as per the Essential Energy Policy for the

Discharge of Liquid Trade Waste

Food Waste Disposal \$27.74/bed

^{***} Applicable to discharges who have not installed or properly maintained pre-treatment equipment

Excess Mass Charge	\$/kg
acid demand, pH>10	\$0.86
Alkali demand, pH<7	\$0.86
Aluminium	\$0.86
Ammonia* (as N)	\$2.60
Arsenic	\$85.87
Barium	\$42.27
Biochemical oxygen demand (BOD)	\$0.86
Boron	\$0.86
Bromine	\$17.09
Cadmium	\$396.31
Chloride	No charge
Chlorinated hydrocarbons	\$42.27
Chlorinated phenolic	\$1,712.05
Chlorine	\$1.79
Chromium	\$28.72
Cobalt	\$17.78
Copper	\$17.78
Cyanide	\$85.87
Fluoride	\$4.23
Formaldehyde	\$1.79
Herbicides/defoliants	\$856.02
Iron	\$1.79

^{*} Not applicable to those dischargers exempted from obtaining an approval for liquid trade waste discharge as per the Essential Energy Policy for the Discharge of Liquid Trade Waste

^{**} Applicable to dischargers who have not installed or properly maintained pre-treatment equipment

Excess Mass Charge	\$/kg
Lead	\$42.27
Lithium	\$8.59
Manganese	\$8.59
Mercaptans	\$85.87
Mercury	\$2,853.42
Methylene blue active substances (MBAS)	\$0.86
Molybdenum	\$0.86
Nickel	\$28.72
Nitrogen* (as TKN Total Kjedahl Nitrogen)	\$0.22
Organoarsenic compounds	\$856.02
Pesticides general (excludes organochlorines and organophospha	stes) \$856.02
Petroleum hydrocarbons (non-flammable)	\$2.87
Phenolic compounds (non-chlorinated)	\$8.59
Phosphorous (Total P)	\$1.79
Polynuclear aromatic hydrocarbons (PAHs)	\$17.78
Selenium	\$60.15
Silver	\$1.38
Sulphate* (SO4)	\$0.17
Sulphide	\$1.79
Sulphite	\$1.91
Suspended Solids (SS)	\$1.09
Thiosulphate	\$0.30
Tin	\$8.59
Total Dissolved Solids (TDS)	\$0.06
Total Oil and Grease	\$1.53
Uranium	\$8.59
Zinc	\$17.50
Non Compliant Excess Mass Charge	as per the Essential Eng

Non Compliant Excess Mass Charge

as per the Essential Energy Policy for the Discharge of Liquid Trade Waste

ANCILLARY AND MISCELLANEOUS CHARGES

Service No.	Description	2013/2014 Charge (No GST)
1	Conveyancing Certificate	
	Statement of outstanding charges (s 41 Conveyancing (General) Regulation 2008)	
	(a) Full Certificate with Meter Read	\$68.47
	(b) Updated Meter Read Request (Special Meter Read)	\$51.33
	(c) Full Certificate with History Search	\$120.29
	(d) Urgent Full Certificate with Meter Read (within 48 hours)	\$118.62
2	Meter Test (Refunded if meter is +/- 3%)	\$71.17
3	Drainage Diagram	\$20.06
4	Plumbing Inspection	\$33.21
5	Plumbers Application	\$35.48
6	Site inspection for water and sewerage	\$114.30
7	Statement of available water pressure	\$164.88
8	Building plan approval – extension	\$32.03
9	Building plan approval – new connection	\$48.42

Service No.	Description	2013/2014 Charge (No GST)
11	Relocation/Increase in size of water service (Tapping Fee)	\$81.95
12	Backflow Prevention Device Testing and Certification (Per Hour plus Materials)	\$68.64 per hour
13	Install Water Service	
	(a) 20mm Service up to 3 metres	\$703.08
	(b) 20mm Service over 3 metres and less than 30 metres	\$1,813.78
	(c) All Others	By Quotation
14	Alter Existing Water Service	
	Actual Cost	By Quotation
	Relocate Existing Service	Charge for Install Water service (charge 13) plus Charge for Water Disconnec (charge 19)
15	Downgrade Meter Size	
	(a) 25mm to 20mm	\$90.36
	(b) All Others	By Quotation
16	Repair Damaged Water Service	
	(a) First repair with five year period	Free
	(b) Second and subsequent repairs (Per Hour plus Materials)	\$90.36 per hour
17	Rectification of Illegal Service	Greater of \$220.20 or actual cost
18	Replace Damaged Water Meter	
	First replacement in a five year period	Free
	(a) 20mm	\$106.00
	(b) 25mm	\$208.72
	(c) 32mm	\$303.56
	(d) 40mm	\$731.01
	(e) 50mm	\$911.85
	(f) 80mm	\$1,001.14
	(g) 100mm or greater	By Quotation
19	Water Service Disconnection	
	(a) First disconnect in a one year period	Free
	(b) Capping	\$88.16
	(c) 20mm to 25mm	\$147.30
	(d) 32mm or greater	By Quotation
	(ea) Bitumen Repairs (minimum 1 metre)	\$17.15 per metre
20	Water Service Reconnection	
	(a) First reconnect in a one year period	Free
	(b) Un-Capping	\$94.90
	(c) 20mm to 25mm	\$158.52
	(d) 32mm or greater	By Quotation
	(e) Bitumen Repairs (minimum 1 metre)	\$17.15 per metre
21	Asset Location	
	(a) Major or Critical Infrastructure	\$90.36 per hour
	(b) Minor or Non Critical Initial Location	Free
	(c) Re-inspect Asset Location	\$90.36 per hour
22	Relocate Existing Stop Valve or Hydrant	By Quotation

Service No.	Description	2013/2014 Charge (No GST)
23	Replace Water Main before Customer Installations	By Quotation
24	Standpipe Hire	
	(a) Monthly (Minimum Charge)	\$29.20
	(b) Annually	\$350.47
	(c) Water Usage Charges	
	(i) Treated	\$2.27 per kL
	(ii) Untreated	\$1.47 per kL
	(iii) Effluent	\$0.46 per kL