

Riverina Milk - EPA Monitoring Results for 2014-15

Soil Test	Results
Chloride mg/g	0.99
E.C. uS/cm	539
Nitrate mg/g	0.0294
pH	7.7
Exch. Sodium mg/kg	5
Exch. Potassium mg/kg	3
Exch. Calcium mg/kg	8
Exch. Magnesium mg/kg	12
CEC	28
Phosphorus Sorption Capacity mg/kg	1320
Total Phosphorus mg/kg	115
Exch. Sodium percentage	16.7
Total Nitrogen mg/kg	380
Available Phosphorus mg/g	4.4
Total Organic Carbon %	<0.5

Monitoring Point 2

Tests	1	2	3
TKN mg/l	12.6	10.7	8.6
Total Nitrogen mg/l	46.8	50.1	74.3
Reactive Phosphorus mg/l	0.93	0.38	0.53
pH	7.2	7.2	8.38
Nitrate mg/l	25.5	39.1	65.7
Conductivity uS/cm	12,000	11,100	9,960
Ammonia mg/l	3.51	0.44	0.12
Depth (M)	8.6	9.1	8.55

Monitoring Point 3

Tests	1	2	3
TKN mg/l	1.4	1	0.2
Total Nitrogen mg/l	1.6	1.2	0.2
Reactive Phosphorus mg/l	0.51	0.08	0.08
pH	8.06	8	8.64
Nitrate mg/l	0.25	0.2	0.37
Conductivity uS/cm	5,130	4,760	4,960
Ammonia mg/l	0.2	0.1	0.06
Depth (M)	1.8	2	1.7

Monitoring Point 5

Tests	1	2	3
TKN mg/l	184	180	36
Total Nitrogen mg/l	184	180	36
Reactive Phosphorus mg/l	7.69	7.44	<0.01
pH	7.45	7.54	7.89

Nitrate mg/l	0.21	<0.1	<0.01
Conductivity uS/cm	17,800	18,400	17,600
Ammonia mg/l	203	163	5.55
Depth (M)	15.2	10.6	15.2

Monitoring Point 6

Tests	1	2	3
TKN mg/l	17.2	10.7	2.9
Total Nitrogen mg/l	17.2	10.9	7
Reactive Phosphorus mg/l	1.17	1.46	0.98
pH	7.38	7.41	8.33
Nitrate mg/l	<0.01	0.13	4.13
Conductivity uS/cm	1,060	1,080	5,130
Ammonia mg/l	3.4	3.39	0.11
Depth (M)	14.8	10.5	14.6

Monitoring Point 8

Tests	Nov
TKN mg/l	1.9
Total Nitrogen mg/l	1.9
Reactive Phosphorus mg/l	<0.01
pH	7.68
Nitrate mg/l	0.02
Conductivity uS/cm	14,100
Ammonia mg/l	<0.01

Monitoring Point 9

Tests	Nov
TKN mg/l	5.7
Total Nitrogen mg/l	5.7
Reactive Phosphorus mg/l	0.06
pH	7.54
Nitrate mg/l	0.04
Conductivity uS/cm	18,500
Ammonia mg/l	0.1

Monitoring Point 10

Tests	Nov
TKN mg/l	2.4
Total Nitrogen mg/l	2.4
Reactive Phosphorus mg/l	0.41
pH	7.55
Nitrate mg/l	0.03
Conductivity uS/cm	10,800
Ammonia mg/l	0.02

Monitoring Point 11

Tests	Nov
TKN mg/l	1.7

Total Nitrogen mg/l	1.8
Reactive Phosphorus mg/l	<0.01
pH	7.7
Nitrate mg/l	0.1
Conductivity uS/cm	13,900
Ammonia mg/l	<0.01