



Container Identification
PB1A

Operator Name
ENCANA CORPORATION

Laboratory Number
17WF215396A

Unique Well Identifier	Well Name
100/15-12-077-15W6/0	ECA Hz SWAN LAKE E12-5-77-14

Field or Area	Pool or Zone	Sampler's Company
SWAN LAKE	MONTNEY	AGAT/FORT ST. JOHN

Well License	Elevation	Test Type	Test No.	Name of Sampler
32283	KB m 818.10 GRD m 811.70			AP

Test Interval or Perfs mKB	Sampling Point	Separator	Reservoir	Source	Sampled	Received
2810.09-5824.56	HIGH STAGE SEPARATOR			4800		
mKB		Pressure (kPa)		51		
		Temperature				

Date Sampled	Date Received	Date Analyzed	Date Reported	Location - Approved By - Title
May 15, 2017	May 16, 2017	May 16, 2017	May 16, 2017	Calgary - Tin Tin Ma - Reporter

Other Information

* Results relate only to the items tested

Cations

ION	mg/L	mmol/L	meq/L
Na	10500.0	456.7	456.7
K	469.0	12.0	12.0
Ca	1070.0	26.7	53.4
Mg	168.0	6.9	13.8
Fe	2.2	0.0	TRACE
Total Cations			536.0

Anions

ION	mg/L	mmol/L	meq/L
Cl	18859.0	531.9	531.9
HCO ₃	227.3	3.7	3.7
SO ₄	75.1	0.8	1.6
CO ₃	Nil	Nil	Nil
OH	Nil	Nil	Nil
Total Anions			537.2

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	31252
Observed pH	7.31
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.024
Resistivity/OHM-m (25°C)	0.195
Salinity %	3.32
Total Alkalinity as CaCO ₃	186.33

This analysis and calculations are based on:

pH = SM 4500 H+

Alkalinity = SM 2320

Cations = EPA SW-846 7000B

Anions = SM 4110B

H₂S = SM 4500 S⁻²

Stiff Diagram (meq/L)

