A2844538

PC-40B

Water Type Dissolved Solids Density Conductivity Hardness (as CaCO Total Carbonate	Na-Cl 13503 mg/kg 1.0072 g/cm ³ 18600 µmho/cm 3) 2140.5 mg/kg 407.17	13600 mg/L 2155.9 mg/L 410.09	Measured Calculated Measured Calculated
Non-Carbonate	1733.4	1745.8	
Primary Tests Anion-Cation Balan Anions	194		
Cations % Difference	207 3.247	8%	ОК
Measured TDS = C	a survey survey and	Ŵ.	
Measured	1350	3.293	
Calculated	125	9,990	
Ratio	1,132		OK
Measured EC = Ca			
Measured		0.000	
Calculated Ratio	1203.	3.619	Not within son so () to 1 1
Secondary Tests	2.712	19 1	Not within range 0.9 to 1.1
Measured EC and	Ion Sume		
Anions	1.043	357	Within preferred range (0.9-1.1)
Cations	1.113		Not within preferred range (0.9-1.1)
Calculated TDS to	EC ratio 0.641	2	OK
Measured TDS to I			Not within preferred range (0.55-0.7)
Organic Mass Bala	nce		
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H-48B

Water Type Dissolved Solids Density Conductivity Hardness (as CaCO		18700 mg/L	Measured Calculated Measured
Total Carbonate Non-Carbonate	3763.4 mg/kg N/A N/A	3804.5 mg/L	Calculated
Primary Tests			
Anion-Cation Balar	nce		
Anions	245		
Cations	88,6		
% Difference	46.81	34	Not within \pm 5%
Measured TDS = C	1040 (1995) (199		
Measured		8.266	
Calculated	Section 2.	9.815	
Ratio	1.670	N 2	Not within range 1.0 to 1.2
Measured EC = Ca	**************************************		
Measured		0.000	
Calculated		3.921	
Ratio	2.10		Not within range 0.9 to 1.1
Secondary Tests			
Measured EC and			
Anions	0.968		Within preferred range (0.9-1.1)
Cations	0.35(Not within preferred range (0.9-1.1)
Calculated TDS to			Not within preferred range (0.55-0.7)
Measured TDS to I	and a second sec		Not within preferred range (0.55-0.7)
Organic Mass Bala			
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MC-66BD

Water Type Dissolved Solids Density Conductivity Hardness (as CaCO	Na-Cl 8501 mg/kg 1.0034 g/cm ³ 10700 µmho/cm	8530 mg/L	Measured Calculated Measured
Total Carbonate Non-Carbonate	3093.8 mg/kg 154.81 2939	3104.3 mg/L 155.34 2949	Calculated
<u>Primary Tests</u> Anion-Cation Balan Anions	n ce 121		
Cations % Difference Measured TDS = C	a record of the first of the fi)8	OK
Measured Calculated Ratio	800 1.00	0.969 1.757 2	OK
Measured EC = Ca Measured Calculated	107 813	00.000 8.807	
Ratio Secondary Tests Measured EC and 2	I.3] Ion Sums:	5	Not within
Anions Cations	power contract of the second s	30789 91121	Not within Not within
Calculated TDS to Measured TDS to I Organic Mass Bala DOC ≥ Sum of Org DOC unavailable	Cratio 0.79 nce anics		Not within Not within

Not within range 0.9 to 1.1

Not within preferred range (0.9-1.1) Not within preferred range (0.9-1.1) Not within preferred range (0.55-0.7) Not within preferred range (0.55-0.7)

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MC-65B

Water Type	Na-Cl		
Dissolved Solids	8798 mg/kg	8830 mg/L	Measured
Density	1.0036 g/cm ³		Calculated
Conductivity	12800 µmho/cm		Measured
Hardness (as CaCO	3)		
Total	2940.9 mg/kg	2951.6 mg/L	Calculated
Carbonate	129.61	130.08	
Non-Carbonate	2811.3	2821.6	
Primary Tests			
Anion-Cation Bala	nce		
Anions	134		
Cations	147		
% Difference	4,582	2	OK
Measured TDS = C	alculated TDS		
Measured	8797	.998	
Calculated	8410	.437	
Ratio	1.040	5	OK
Measured EC = Ca	lculated EC	8	
Measured		0.000	
Calculated	9320	.118	
Ratio	1.37	3	Not within range 0.9 to 1.1
Secondary Tests		2019°	
Measured EC and			
Anions	1.044		Within preferred range (0.9-1.1)
Cations	1.14		Not within preferred range (0.9-1.1)
Calculated TDS to	and the second		OK
Measured TDS to I	EC ratio 0.68	7	OK
Organic Mass Bala			
$DOC \ge Sum of Org$	-		
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		N	1C-66B
Water Type	Na-Cl		
Dissolved Solids	8015.5 mg/kg	8040 mg/L	Measured
Density	1.0031 g/cm ³	U	Calculated
Conductivity	10600 µmho/cm		Measured
Hardness (as CaCC)3)		
Total	3079.2 mg/kg	3088.6 mg/L	Calculated
Carbonate	152.58	153.04	
Non-Carbonate	2926.6	2935.6	
Primary Tests Anion-Cation Bala	псе		
Anions	120		
Cations	128		
% Difference	2,9	74	OK
Measured TDS = C	11000000000000000000000000000000000000		
Measured		5.542	
Calculated		1.728	
Ratio	1.0	12	OK
Measured EC = Ca	**************************************		
Measured		00.000	
Calculated	Silitati	5.956	
Ratio	1.3	00	Not within range 0.9 to 1.1
Secondary Tests			
Measured EC and			
Anions		33743	Not within preferred range (0.9-1.1)
Cations)3249	Not within preferred range (0.9-1.1)
Calculated TDS to	and the second	47	Not within preferred range (0.55-0.7)
Measured TDS to l	EC ratio 0.7.	56	Not within preferred range (0.55-0.7)
Organic Mass Bala			
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		P	PC-37B
Water Type	Na-SO₄		
Dissolved Solids	7142.9 mg/kg	7160 mg/L	Measured
Density	1.0024 g/cm^3		Calculated
Conductivity	9150 µmho/cm		Measured
Hardness (as CaCC	1		
Total	2521.4 mg/kg	2527.4 mg/L	Calculated
Carbonate	147.77	148.12	
Non-Carbonate	2373.6	2379.3	
Primary Tests			
Anion-Cation Bala	nce		
Anions	498		
Cations	106		
% Difference	64,8	354	Not within \pm 5%
Measured TDS = C	Calculated TDS	an ann	
Measured	714	2.875	
Calculated	255	79.472	
Ratio	0.27	19	Not within range 1.0 to 1.2
Measured EC = Ca	liculated EC		
Measured		0.000	
Calculated	Income of the second se	32.662	
Ratio	0.49	2	Not within range 0.9 to 1.1
Secondary Tests			
Measured EC and			
Anions		38563	Not within preferred range (0.9-1.1)
Cations		59473	Not within preferred range (0.9-1.1)
Calculated TDS to			Not within preferred range (0.55-0.7)
Measured TDS to 1		\$1.	Not within preferred range (0.55-0.7)
Organic Mass Bala			
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			PC-72B
557.4	No SO		
Water Type	Na-SO ₄	7000 7	Measured
Dissolved Solids	7261.9 mg/kg	7280 mg/L	
Density	1.0025 g/cm^3		Calculated
Conductivity	8530 µmho/cm		Measured
Hardness (as CaCO	-		
Total	2489.8 mg/kg	2496 mg/L	Calculated
Carbonate	132.05	132.38	
Non-Carbonate	2357.8	2363.6	
Primary Tests			
Anion-Cation Bala			
Anions	94.	=	
Cations	100		<u></u>
% Difference	3.1	83	OK
Measured TDS = C			
Measured		51.941	
Calculated		4.597	0.14
Ratio	1.1	50	OK
Measured EC = Ca			
Measured		30.000	
Calculated		51.551	
Ratio	1.2	62	Not within range 0.9 to 1.1
Secondary Tests			
Measured EC and			
Anions		02687	Not within preferred range (0.9-1.1)
Cations		75182	Not within preferred range $(0.9-1.1)$
Calculated TDS to		El Marine 19 -	Not within preferred range $(0.55-0.7)$
Measured TDS to	Address and a state of the stat	51	Not within preferred range (0.55-0.7)
<u>Organic Mass Bal</u>			
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Measured Calculated Measured Calculated
Calculated Measured Calculated
Measured
Calculated
OK
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Not within range 0.9 to 1.1
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Not within preferred range (0.9-1.1)
Not within preferred range (0.55-0.7
Not within preferred range (0.55-0.7

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		M	IC-62B
Water Type	Na-Cl		
Dissolved Solids	13602 mg/kg	13700 mg/L	Measured
Density	1.0072 g/cm ³		Calculated
Conductivity	18900 µmho/cm		Measured
Hardness (as CaCC) ₃)		
Total	1584.6 mg/kg	1596.1 mg/L	Calculated
Carbonate	267.08	269.02	
Non-Carbonate	1317.5	1327	
Primary Tests Anion-Cation Bala	nce 189)	
Anions	201		
Cations	3.1		OK
% Difference Measured TDS = (1000 (00)		
Measured 105 - V		501.587	
Calculated		512.215	
Ratio	11		OK
Measured EC = C			
Measured		900.000	
Calculated	124	105,217	
Ratio	1.5	24	Not within range 0.9 to 1.1
Secondary Tests		Gala204	
Measured EC and	Ion Sums:		
Anions		97511	Within preferred range (0.9-1.1)
Cations	1.0	62407	Within preferred range (0.9-1.1)
Calculated TDS to	EC ratio 0.6	09	OK
Measured TDS to		20	Not within preferred range (0.55-0.7)
Organic Mass Bal	//www.agence.com		
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Name	Unit	PB061608B	PC-40B	H-48B	MC-668D	MC-65B	MC-66B	PC-37B	PC-72B	M-94B	MC-628
Samie ID	lext	P8061608B	PC-40B	H-488	MC-68BD	MC-858	MC-06B	PC-378	PC-728	M-94B	MC-82B
LIMS ID	(CX)	1109708	1110532	1110981	1111284	1111265	1111266	1111267	1111763	1111764	1111785
Catchurn	ua/f.	992	5 428000			623000		557000			
Magnesium	naA	63.1		50700.0			328000		232000	282000	
Potassum	1/6/1	CN CN	34900.0			22906.0	574		4-		6.7
Sodium	1.9/L	83.5		286000	1.498.8		1.5£6			1.42E6	3.86£5
Chlorate	pg/.	ND	32600.0) ND	223000) ND
Perchiorate	1/61	ND	24500.0	341		6	364000	8	2		ON
Bicarbonate	mg/L	0 N	25%	OND.	7.42	79.3		50.3	3 80.7		N
Carbonate	mg/L	NO	QN	ND	ON	ON	ND	Q	QN	QN	ON
Chloride	sng/L	QN	5250		2210			0 1700		1620	
Conductivity	(mho/cm)	9.	15600.0	25300.0	ų	12800.0	10600.0	9150	0 8530	0	18900.0
Fluoride	mgAL										
Hydroxide											
Nitrate	ug/L	NO	1.40	0.602		5.73			613		Q
Phosphorus	, mg/L	ON	DN	0.244	4 0.0832 ND	ON CON	QN	MD	QN	ND	0.11
Dissolved Solids	mg/L	GN	13600.0	18700.0	00	3830	8040		30 7280	3650	0 13700.0
Sulfate	mg/L	QN	1980	2810	0 2220	2040	0 2220	0 21300.0	.0 2410	2360	0 1800

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