



September 10, 2008

CQI Report to Stakeholders

Subject: July 2008 Condensate Results

As of January 1, 2008, the Crude Quality Monitoring Project has modified its condensate testing program. We acknowledge that industry requirements and specifications are different for condensates than for other types of crude. As such, we have updated our condensate testing program in an effort to provide the industry with reliable, accurate, and usable information specifically relevant to condensates. We believe that this information will be valuable for numerous industry purposes, such as better blending data and formulating condensate specifications and guidelines. Should you have any questions regarding this report, or the modified condensate testing program, please contact Crude Quality Inc. at (780) 991-9900 or at lywood@crudequality.com.

Observations:

Attached are detailed C30+ composition and trace sulphur analyses, as well as historical data from crudemonitor.ca pertaining to typical light ends and bulk properties for Condensate Blend (CRW).

In addition to the attached, we note the following testing results:

	Sample Date	Batch #	Sulphur (wt%)	API Gravity (degree)	Absolute Density (kg/m ³)	MCR (wt%)	Viscosity @ 7.5° C (cSt)	RVP (kPa)	Organo-Phosphates (ppmw)	Total Mercaptans (ppm)	Olefins (wt%)
Current Data	7/4/2008	CRW-787	0.27	65.4	718.0	0.30	0.83	74.6	-	96	-
Average To Date			0.19	64.7	720.7	0.25	0.83	74.5	1	105	5xND
Std Dev.			0.09	2.0	7.3	0.14	0.05	0.8	-	111	-
Avg+StdDev			0.28	66.7	728.0	0.38	0.89	75.3	-	116	-
Avg-StdDev			0.10	62.7	713.4	0.11	0.78	73.7	-	93	-

The July sample of Condensate Blend (CRW) exhibited properties that are consistent with historical data. Sulphur levels, which were well above average for May and June 2008, have returned to the range typically observed for CRW. No testing for organo-phosphates or olefins was performed on this sample.



C30+ COMPOSITIONAL ANALYSIS

A840343:L05322

MaxxID

Client ID

Meter Number

Laboratory Number

CRUDE QUALITY INC.

Operator Name

LSD

Well ID

CRUDE QUALITY INC. JUL08 LIGHT CRUDES

ENBRIDGE

Well Name

Initials of Sampler

Sampling Company

COND. BLEND CRW-787

1L CAN

Field or Area

Pool or Zone

Sample Point

Container Identity

Percent Full

Test Recovery

Interval 1 Interval 2 Interval 3

Elevations (m)

Sample Gathering Point

Solution Gas

Test Type No. Multiple Recovery

From: To:

KB GRD

Well Fluid Status

Well Status Mode

Production Rates

Gauge Pressures kPa

Temperature °C

Well Status Type

Well Type

Water m3/d Oil m3/d Gas 1000m3/d

Source As Received

Source As Received

Gas or Condensate Project

Licence No.

2008/07/04

2008/08/11

2008/09/04

2008/09/04

LUL,JS2

Date Sampled Start

Date Sampled End

Date Received

Date Reported

Date Reissued

Analyst

COMPOSITION

COMPONENT	MOLE FRACTION	MASS FRACTION	VOLUME FRACTION
N2			
CO2			
H2S			
C1	0.0000	0.0000	0.0000
C2	0.0004	0.0001	0.0003
C3	0.0047	0.0022	0.0029
IC4	0.0075	0.0046	0.0057
NC4	0.0464	0.0283	0.0341
IC5	0.1671	0.1268	0.1428
NC5	0.1701	0.1291	0.1438
C6	0.1763	0.1599	0.1685
C7+	0.4275	0.5490	0.5019
TOTAL	1.0000	1.0000	1.0000

PROPERTIES

RESIDUE	RELATIVE DENSITY @ 15 °C		RELATIVE MOLECULAR MASS		DATA SUMMARY		
	OBSERVED	CALCULATED	OBSERVED	CALCULATED	MOLE FRACTION	MASS FRACTION	VOLUME FRACTION
C5+		0.709		97	0.9410	0.9648	0.9570
C6+		0.744		112	0.6038	0.7089	0.6704
C7+	0.769		125	122	0.4275	0.5490	0.5019
C10+					0.1029	0.1996	0.1696
C12+					0.0499	0.1210	0.0981
TOTAL		0.703		95			

Calculated Absolute Density Total Sample:
Gas Equivalent Factor:

702.4 kg/m3 @ 15°C
172.58 m3 Gas/m3 Liquid

** Information not supplied by client -- data derived from LSD information

Results relate only to items tested

Remarks:



C30+ COMPOSITIONAL ANALYSIS

CRUDE QUALITY INC.

A840343:L05322

Operator Name

Laboratory Number

CRUDE QUALITY INC. JUL08 LIGHT CRUDES

COND. BLEND CRW-787

Well Name

Sample Point

ENBRIDGE

Sampling Company

MaxxID

Client ID

2008/07/04

2008/08/11

2008/09/04

2008/09/04

LUL,JS2

Date Sampled Start

Date Sampled End

Date Received

Date Reported

Date Reissued

Analyst

COMPONENT	BOILING POINT (°C)	MOLE FRACTION	MASS FRACTION	VOLUME FRACTION
Nitrogen	-196			
Carbon Dioxide	-79			
Hydrogen Sulphide	-60			
Methane	-162	0.0000	0.0000	0.0000
Ethane	-89	0.0004	0.0001	0.0003
Propane	-42	0.0047	0.0022	0.0029
Iso-Butane	-12	0.0075	0.0046	0.0057
n-Butane	0	0.0464	0.0283	0.0341
Iso-Pentane	28	0.1671	0.1268	0.1428
n-Pentane	36	0.1701	0.1291	0.1438
Hexanes	37-69	0.1763	0.1599	0.1685
Heptanes	70-98	0.1600	0.1563	0.1501
Octanes	99-126	0.1153	0.1290	0.1216
Nonanes	127-151	0.0493	0.0641	0.0606
Decanes	152-174	0.0327	0.0472	0.0441
Undecanes	175-196	0.0203	0.0314	0.0274
Dodecanes	197-216	0.0103	0.0174	0.0149
Triadecanes	217-236	0.0059	0.0108	0.0092
Tetradecanes	237-253	0.0048	0.0097	0.0082
Pentadecanes	254-271	0.0043	0.0093	0.0078
Hexadecanes	272-287	0.0033	0.0077	0.0063
Heptadecanes	288-302	0.0034	0.0086	0.0069
Octadecanes	303-317	0.0026	0.0068	0.0054
NonaDecanes	318-331	0.0022	0.0061	0.0049
Eicosanes	332-343	0.0018	0.0052	0.0041
Heneicosanes	344-357	0.0017	0.0053	0.0042
Docosanes	358-369	0.0017	0.0054	0.0043
Triacosanes	370-380	0.0014	0.0047	0.0036
Tetracosanes	381-391	0.0011	0.0038	0.0029
Pentacosanes	392-402	0.0010	0.0037	0.0028
Hexacosanes	403-412	0.0010	0.0034	0.0026
Heptacosanes	413-422	0.0008	0.0030	0.0023
Octacosanes	423-432	0.0007	0.0024	0.0019
Nonacosanes	433-441	0.0005	0.0020	0.0015
triacontanes+	442-449+	0.0014	0.0057	0.0043
Totals		1.0000	1.0000	1.0000
neoHexane	50	0.0000	0.0000	0.0000
Methylcyclopentane	70	0.0352	0.0311	0.0286
Benzene	80	0.0074	0.0061	0.0048
Cyclohexane	81	0.0319	0.0283	0.0251
Methylcyclohexane	101	0.0398	0.0411	0.0369
Toluene	111	0.0083	0.0080	0.0063
Ethylbenzene	136	0.0007	0.0007	0.0006
m&p-Xylene	139	0.0018	0.0020	0.0016
o-Xylene	144	0.0033	0.0037	0.0029
1,2,4-Trimethylbenzene	169	0.0023	0.0030	0.0023

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Remarks:



TRACE SULPHUR ANALYSIS

A840343:L05323

CRUDE QUALITY INC.	CRUDE QUALITY INC. JUL08 LIGHT CRUDES	COND. BLEND CRW-787	ENBRIDGE
<i>Operator Name</i>	<i>Well Name</i>	<i>Initials of Sampler</i>	<i>Sampling Company</i>
<i>MaxID</i>	<i>Client ID</i>	<i>Meter Number</i>	<i>Laboratory Number</i>
<i>Field or Area</i>	<i>Pool or Zone</i>	<i>Sample Point</i>	<i>Container Identity</i> <i>Percent Full</i>
<i>Test Recovery</i>	<i>Interval 1</i> <i>Interval 2</i> <i>Interval 3</i>	<i>Elevations (m)</i>	<i>Sample Gathering Point</i> <i>Solution Gas</i>
<i>Test Type</i> <i>No.</i> <i>Multiple Recovery</i>	<i>From:</i> <i>To:</i>	<i>KB</i> <i>GRD</i>	<i>Well Fluid Status</i> <i>Well Status Mode</i>
<i>Production Rates</i>	<i>Gauge Pressures kPa</i>	<i>Temperature °C</i>	<i>Well Status Type</i> <i>Well Type</i>
<i>Water m3/d</i> <i>Oil m3/d</i> <i>Gas 1000m3/d</i>	<i>Source</i> <i>As Received</i>	23.0 <i>Source</i> <i>As Received</i>	<i>Gas or Condensate Project</i> <i>Licence No.</i>
2008/07/04	2008/08/11	2008/09/04	2008/09/04 AG
<i>Date Sampled Start</i>	<i>Date Sampled End</i>	<i>Date Received</i>	<i>Date Reported</i> <i>Date Reissued</i> <i>Analyst</i>

COMPOSITION			Boiling Pt. (°C)	Sulphur mole ppm	Sulphur mass ppm	PROPERTIES
Component	Common Name					
Hydrogen Sulphide	H2S		-60.4	<0.5	<0.5	<i>Molecular Wt. (g/mole)</i> <i>Measured</i>
Carbonyl Sulphide	COS		-50	<0.5	<0.5	
Methanethiol	Methyl mercaptan		6.2	7.3	2.0	<i>Molecular Wt. (g/mole)</i> <i>Calculated</i>
Ethanethiol	Ethyl mercaptan		35	85.2	23.9	
Dimethyl Sulphide	DMS		38	28.8	8.1	<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <i>Onsite H2S</i> <hr/> <i>ppm(mole)</i> <i>mole%</i> </div>
Carbon Disulphide	CS2		46.5	4.5	1.3	
Iso-Propanethiol	Iso-propyl mercaptan		58	109.9	30.8	
t-Butanethiol	tert-butyl mercaptan		64	15.8	4.4	
Methyl Ethyl Sulphide	MES		67	19.5	5.5	
n-Propanethiol	Propyl mercaptan		70	21.5	6.0	
Unknown			36-69	<0.5	<0.5	
Thiophene/sec-Butanethiol	Thiophene/sec-Butyl mercaptan		84/90	64.6	18.1	
Diethyl Sulphide	DES		92.1	11.0	3.1	
Iso-Butanethiol	Iso-butyl mercaptan		99	3.2	0.9	
n-Butanethiol	Butyl mercaptan		98	7.8	2.2	
Unknown			71-97	7.6	2.1	
Dimethyl Disulphide	DMDS		110	18.0	5.1	
n-Pentanethiol	Pentyl mercaptan		127	3.0	0.8	
Unknown			100-126	56.2	15.8	
n-Hexanethiol	Hexyl mercaptan		151	15.5	4.3	
Unknown			127-150	68.8	19.3	
n-Heptanethiol	Heptyl mercaptan		177	9.1	2.6	
Unknown			152-176	82.0	23.0	
Total Sulphur				9056	2542.0	
Mercaptan Sulphur on Naphtha fraction (IBP 204°C) ASTM D3227 (mass%) Naphtha IBP 204°C (volume %) Elemental Sulphur (mass ppm)						

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Remarks:

Light Crude Quality Project Analyses Summary (December 2007)

Crude	Sample Date	No. Samples or Batch #	Sulphur (wt%)	API Density (degree)	Absolute Density (kg/m3)	Sediment (ppmw)	MCR (wt%)	Salt (ptb)	TAN (mgKOH/g)	Nickel (mg/L)	Vanadium (mg/L)
CRW Condensate Blend											
	2005 Q2	3	0.17	62.9	727.0		0.2			43.5	4.8
	2005 Q3	3	0.16	63.3	725.8		0.4			17.9	2.4
	2005 Q4	3	0.17	63.6	724.6		0.3				3.6
	2006 Q1	4	0.16	64.8	720.2		0.3				6.8
	2006 Q2	3	0.21	63.3	725.9		0.3				1.4
	2006 Q3	2	0.17	62.1	730.2		0.2				1.2
	2006 Q4	2	0.13	67.0	712.2		0.1				
	2007 Q1	3	0.13	65.4	718.1		0.2				
	2007 Q2	3	0.10	67.6	710.3		0.1				
	2007 Q3	3	0.13	65.7	717.0		0.2				
	2007 Q4	3	0.22	64.8	720.3		0.2				1.6
	2008 Q1	1	0.39	65.1	719.2		0.4				
	12/1/2007	CRW-753	0.15	67.6	710.2		0.1				
	1/1/2008	CRW-757	0.39	65.1	719.2		0.4				
	Average		0.17	64.6	721.0		0.2			35.0	3.2
	Std Dev		0.07	2.1	7.7		0.1			13.1	2.0
	Avg + StdDev		0.24	66.7	728.7		0.4			48.1	5.2
	Avg - StdDev		0.10	62.5	713.3		0.1			21.9	1.2

Light Crude Quality Project Light Ends Summary (December 2007)

Crude Sample Date	Count of Batches or Batch No.	Ethane (vol%)	Propane (vol%)	Butanes (vol%)	Pentanes (vol%)	Hexanes (vol%)	Heptanes (vol%)	Octanes (vol%)	Nonanes (vol%)	Decanes (vol%)	Benzene (vol%)	Toluene (vol%)	Ethyl Benzene (vol%)	Xylenes (vol%)
CRW Condensate Blend														
2005 Q2	3	0.02	0.32	3.54	23.63	21.20	15.23	10.08	5.12	2.28	1.15	2.10	0.23	1.86
2005 Q3	3	0.02	0.23	3.23	23.45	21.28	16.37	10.77	5.51	2.45	1.23	2.34	0.25	2.03
2005 Q4	3	0.02	0.23	3.15	21.79	21.60	16.33	11.80	6.09	2.40	1.16	2.26	0.30	2.13
2006 Q1	4	0.02	0.19	2.76	22.50	22.77	14.89	10.86	6.18	2.49	1.23	2.07	0.28	1.92
2006 Q2	3	0.02	0.27	3.42	22.51	19.93	15.65	10.90	5.69	2.30	1.06	2.08	0.26	1.86
2006 Q3	2	0.02	0.28	2.96	20.36	19.74	16.38	11.82	6.08	2.52	1.06	2.19	0.29	2.06
2006 Q4	2	0.02	0.22	3.37	25.43	22.50	15.32	10.35	5.29	2.09	1.13	2.00	0.25	1.82
2007 Q1	3	0.02	0.24	3.33	24.64	24.26	15.17	10.54	5.29	2.17	1.27	2.10	0.27	1.93
2007 Q2	3	0.02	0.20	3.22	25.40	23.30	15.51	10.59	5.37	1.96	1.25	2.15	0.27	1.86
2007 Q3	3	0.02	0.24	3.42	23.97	20.53	15.46	10.25	5.10	2.08	1.08	2.13	0.25	1.82
2007 Q4	3	0.02	0.26	3.49	24.77	21.60	16.06	11.39	5.70	2.22	1.08	2.15	0.30	1.97
2008 Q1	1	0.02	0.21	3.06	25.40	21.80	16.14	11.48	5.53	2.05	1.07	2.13	0.31	1.99
12/1/2007	CRW-753	0.02	0.18	2.89	26.08	22.84	16.97	11.76	5.53	2.07	1.14	2.22	0.3	1.94
1/1/2008	CRW-757	0.02	0.21	3.06	25.4	21.8	16.14	11.48	5.53	2.05	1.07	2.13	0.31	1.99
Average		0.02	0.24	3.25	23.56	21.77	15.65	10.85	5.59	2.27	1.16	2.14	0.27	1.93
Std Dev		0.01	0.06	0.34	2.28	1.95	0.94	0.96	0.65	0.30	0.12	0.16	0.04	0.16
Avg + StdDev		0.03	0.30	3.59	25.84	23.72	16.59	11.82	6.24	2.56	1.28	2.30	0.31	2.09
Avg - StdDev		0.01	0.18	2.91	21.28	19.82	14.71	9.89	4.94	1.97	1.04	1.99	0.23	1.78