

## GRAN TIERRA ENERGY INC.

### Company Announcement – Transaction in Own Shares

September 16, 2019

On March 11, 2019 Gran Tierra Energy Inc. (“Gran Tierra”) announced a normal course issuer bid (the “NCIB”) through the facilities of the Toronto Stock Exchange (“TSX”) and eligible alternative trading platforms in Canada. The Company received regulatory approval from the TSX to commence the 2019 NCIB on March 13, 2019. Pursuant to the NCIB, Gran Tierra may purchase for cancellation up to 19,353,951 of its shares of common stock for a one year period at prevailing market prices at the time of purchase. The NCIB commenced on March 13, 2019 and will expire on March 12, 2020 or earlier if the 5.00% share maximum is reached. The purpose of the NCIB is to reduce the share capital of Gran Tierra.

The following transactions were made under the NCIB during the period September 9, 2019 to September 11, 2019:

Transaction Date	Daily total volume (# Shares)	Daily volume weighted average price of shares acquired (CAD)	Gross Value (CAD)
September 9, 2019	167,525	\$1.91	\$320,240.50
September 10, 2019	167,525	\$2.04	\$341,891.75
September 11, 2019	70,126	\$1.98	\$138,729.70

#### Exchange Aggregated Data

	Platform	Sep. 9, 2019	Sep. 10, 2019	Sep. 11, 2019
<b>Volume</b>	TSX	43,225	58,725	15,926
	Pure	17,500	11,300	10,100
	Chi-X	69,300	51,500	17,200
	Omega	2,100	1,400	2,500
	TriAct	7,900	8,400	3,000
	NEO	27,500	36,200	21,400
<b>Volume weighted average price (CAD)</b>	TSX	\$1.92	\$2.04	\$1.99
	Pure	\$1.92	\$2.04	\$1.97
	Chi-X	\$1.90	\$2.04	\$1.98
	Omega	\$1.91	\$2.05	\$1.96
	TriAct	\$1.89	\$2.07	\$1.94
	NEO	\$1.92	\$2.05	\$1.98

All transactions were made under ISIN US38500T1016 and effected by RBC Dominion Securities Inc. on behalf of Gran Tierra. A full breakdown of the individual trades is attached to this announcement. Gran Tierra intends to cancel all of the purchased shares. Following the above transactions, Gran Tierra will have 366,981,556 issued and outstanding shares.

**Contact Information:**

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<b>Date</b>	<b>Transaction Time</b>	<b>Time Zone</b>	<b>Volume</b>	<b>Price</b>	<b>Currency</b>	<b>Platform</b>
September 9, 2019	09:32:53	EDT	100	1.81	CAD	NEO
September 9, 2019	09:32:53	EDT	600	1.81	CAD	NEO
September 9, 2019	09:32:53	EDT	300	1.81	CAD	NEO
September 9, 2019	09:36:13	EDT	1400	1.825	CAD	Chi-X
September 9, 2019	09:36:14	EDT	1500	1.825	CAD	TriAct
September 9, 2019	09:36:16	EDT	900	1.825	CAD	Chi-X
September 9, 2019	09:36:19	EDT	1100	1.825	CAD	TriAct
September 9, 2019	09:36:19	EDT	300	1.825	CAD	Chi-X
September 9, 2019	09:36:22	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:36:49	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:37:07	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:37:22	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:37:27	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:37:38	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:37:47	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:37:57	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:38:13	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:38:32	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:38:50	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:05	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:09	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:15	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:21	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:26	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:36	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:38	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:44	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:51	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:39:56	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:06	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:08	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:21	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:22	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:29	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:36	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:43	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:51	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:40:57	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:06	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:10	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:16	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:22	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:28	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:38	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:41	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:53	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:41:53	EDT	600	1.825	CAD	Chi-X

September 9, 2019	09:42:26	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:42:32	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:42:41	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:42:43	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:42:48	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:42:56	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:42:59	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:04	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:11	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:15	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:21	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:26	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:32	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:41	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:43	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:48	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:56	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:43:59	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:44:11	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:44:26	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:44:33	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:44:45	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:45:01	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:45:07	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:45:17	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:45:26	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:45:36	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:45:51	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:45:55	EDT	100	1.825	CAD	Chi-X
September 9, 2019	09:46:06	EDT	100	1.825	CAD	TSX
September 9, 2019	09:48:16	EDT	1300	1.83	CAD	TSX
September 9, 2019	09:48:16	EDT	600	1.83	CAD	Chi-X
September 9, 2019	09:48:16	EDT	2300	1.83	CAD	TSX
September 9, 2019	09:48:16	EDT	900	1.83	CAD	NEO
September 9, 2019	09:48:16	EDT	1300	1.83	CAD	Chi-X
September 9, 2019	09:48:16	EDT	500	1.825	CAD	Chi-X
September 9, 2019	09:51:06	EDT	100	1.84	CAD	Chi-X
September 9, 2019	09:51:06	EDT	100	1.84	CAD	Pure
September 9, 2019	09:51:06	EDT	200	1.84	CAD	NEO
September 9, 2019	09:51:06	EDT	100	1.84	CAD	Pure
September 9, 2019	09:55:08	EDT	100	1.84	CAD	Chi-X
September 9, 2019	09:55:08	EDT	100	1.84	CAD	NEO
September 9, 2019	09:55:08	EDT	100	1.84	CAD	Pure
September 9, 2019	09:59:58	EDT	100	1.84	CAD	Omega
September 9, 2019	09:59:58	EDT	100	1.84	CAD	NEO
September 9, 2019	10:01:02	EDT	500	1.845	CAD	Chi-X
September 9, 2019	10:01:04	EDT	600	1.845	CAD	TriAct
September 9, 2019	10:01:05	EDT	300	1.845	CAD	Chi-X
September 9, 2019	10:01:06	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:01:06	EDT	500	1.845	CAD	TriAct

September 9, 2019	10:01:06	EDT	100	1.845	CAD	TSX
September 9, 2019	10:03:12	EDT	100	1.84	CAD	Chi-X
September 9, 2019	10:03:12	EDT	100	1.84	CAD	Chi-X
September 9, 2019	10:03:12	EDT	100	1.84	CAD	Chi-X
September 9, 2019	10:03:12	EDT	100	1.84	CAD	Pure
September 9, 2019	10:04:21	EDT	400	1.84	CAD	Chi-X
September 9, 2019	10:05:13	EDT	100	1.84	CAD	NEO
September 9, 2019	10:05:13	EDT	300	1.84	CAD	NEO
September 9, 2019	10:06:20	EDT	100	1.84	CAD	NEO
September 9, 2019	10:07:39	EDT	100	1.84	CAD	NEO
September 9, 2019	10:07:39	EDT	100	1.84	CAD	Chi-X
September 9, 2019	10:08:12	EDT	300	1.85	CAD	Chi-X
September 9, 2019	10:08:12	EDT	700	1.85	CAD	Chi-X
September 9, 2019	10:08:12	EDT	300	1.85	CAD	Pure
September 9, 2019	10:08:12	EDT	700	1.85	CAD	Pure
September 9, 2019	10:08:12	EDT	100	1.85	CAD	NEO
September 9, 2019	10:08:12	EDT	300	1.85	CAD	NEO
September 9, 2019	10:08:12	EDT	300	1.85	CAD	NEO
September 9, 2019	10:08:12	EDT	500	1.85	CAD	NEO
September 9, 2019	10:08:12	EDT	200	1.85	CAD	NEO
September 9, 2019	10:08:12	EDT	200	1.85	CAD	NEO
September 9, 2019	10:08:12	EDT	600	1.85	CAD	Pure
September 9, 2019	10:11:24	EDT	100	1.845	CAD	TriAct
September 9, 2019	10:11:38	EDT	100	1.845	CAD	TriAct
September 9, 2019	10:12:11	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:12:11	EDT	100	1.845	CAD	TSX
September 9, 2019	10:12:11	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:12:18	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:12:25	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:12:33	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:12:40	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:12:48	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:12:55	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:13:02	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:13:10	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:13:15	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:13:25	EDT	100	1.845	CAD	Chi-X
September 9, 2019	10:13:27	EDT	300	1.845	CAD	Chi-X
September 9, 2019	10:14:42	EDT	400	1.865	CAD	TriAct
September 9, 2019	10:15:19	EDT	100	1.865	CAD	Chi-X
September 9, 2019	10:15:19	EDT	100	1.865	CAD	TSX
September 9, 2019	10:15:42	EDT	100	1.865	CAD	TriAct
September 9, 2019	10:19:25	EDT	1400	1.87	CAD	Chi-X
September 9, 2019	10:19:25	EDT	400	1.87	CAD	Chi-X
September 9, 2019	10:19:25	EDT	100	1.87	CAD	Pure
September 9, 2019	10:19:25	EDT	1200	1.87	CAD	Chi-X
September 9, 2019	10:19:25	EDT	100	1.87	CAD	Chi-X
September 9, 2019	10:19:25	EDT	100	1.87	CAD	Pure
September 9, 2019	10:23:27	EDT	100	1.875	CAD	Chi-X
September 9, 2019	10:23:27	EDT	100	1.87	CAD	NEO

September 9, 2019	10:23:27	EDT	100	1.87	CAD	NEO
September 9, 2019	10:24:33	EDT	1900	1.88	CAD	TSX
September 9, 2019	10:24:33	EDT	1000	1.88	CAD	TSX
September 9, 2019	10:27:09	EDT	100	1.87	CAD	Omega
September 9, 2019	10:27:09	EDT	100	1.87	CAD	Omega
September 9, 2019	10:28:25	EDT	100	1.87	CAD	NEO
September 9, 2019	10:28:25	EDT	200	1.87	CAD	NEO
September 9, 2019	10:29:53	EDT	200	1.87	CAD	NEO
September 9, 2019	10:31:52	EDT	100	1.87	CAD	NEO
September 9, 2019	10:34:38	EDT	100	1.87	CAD	Omega
September 9, 2019	10:34:42	EDT	200	1.87	CAD	Pure
September 9, 2019	10:35:05	EDT	100	1.87	CAD	Pure
September 9, 2019	10:35:05	EDT	100	1.87	CAD	Pure
September 9, 2019	10:35:05	EDT	100	1.87	CAD	Chi-X
September 9, 2019	10:35:05	EDT	100	1.87	CAD	Pure
September 9, 2019	10:35:05	EDT	100	1.87	CAD	Chi-X
September 9, 2019	10:35:12	EDT	100	1.87	CAD	NEO
September 9, 2019	10:36:12	EDT	200	1.87	CAD	Chi-X
September 9, 2019	10:36:12	EDT	300	1.87	CAD	Chi-X
September 9, 2019	10:36:12	EDT	100	1.87	CAD	TSX
September 9, 2019	10:36:12	EDT	400	1.87	CAD	Chi-X
September 9, 2019	10:36:12	EDT	400	1.87	CAD	TSX
September 9, 2019	10:36:12	EDT	600	1.87	CAD	TSX
September 9, 2019	10:36:12	EDT	200	1.87	CAD	Chi-X
September 9, 2019	10:36:12	EDT	100	1.87	CAD	NEO
September 9, 2019	10:36:12	EDT	300	1.87	CAD	TSX
September 9, 2019	10:36:12	EDT	100	1.87	CAD	NEO
September 9, 2019	10:36:12	EDT	200	1.87	CAD	TSX
September 9, 2019	10:36:12	EDT	100	1.87	CAD	NEO
September 9, 2019	10:36:12	EDT	800	1.87	CAD	TSX
September 9, 2019	10:36:12	EDT	100	1.87	CAD	NEO
September 9, 2019	10:36:12	EDT	100	1.87	CAD	NEO
September 9, 2019	10:36:14	EDT	100	1.865	CAD	TriAct
September 9, 2019	10:36:54	EDT	900	1.87	CAD	Chi-X
September 9, 2019	10:36:54	EDT	400	1.87	CAD	Pure
September 9, 2019	10:36:54	EDT	100	1.87	CAD	Chi-X
September 9, 2019	10:36:54	EDT	600	1.87	CAD	Pure
September 9, 2019	10:37:00	EDT	100	1.86	CAD	Omega
September 9, 2019	10:37:01	EDT	100	1.86	CAD	NEO
September 9, 2019	10:38:15	EDT	100	1.86	CAD	Chi-X
September 9, 2019	10:38:16	EDT	100	1.86	CAD	Pure
September 9, 2019	10:40:02	EDT	100	1.86	CAD	Pure
September 9, 2019	10:41:52	EDT	100	1.86	CAD	NEO
September 9, 2019	10:47:09	EDT	1500	1.87	CAD	Chi-X
September 9, 2019	10:47:09	EDT	1200	1.87	CAD	Chi-X
September 9, 2019	10:47:09	EDT	1500	1.87	CAD	Chi-X
September 9, 2019	10:47:09	EDT	100	1.87	CAD	TSX
September 9, 2019	10:49:37	EDT	100	1.88	CAD	NEO
September 9, 2019	10:49:40	EDT	200	1.88	CAD	Chi-X
September 9, 2019	10:50:13	EDT	100	1.88	CAD	Pure

September 9, 2019	10:51:52	EDT	100	1.88	CAD	NEO
September 9, 2019	10:56:41	EDT	2000	1.89	CAD	TSX
September 9, 2019	10:56:41	EDT	1800	1.89	CAD	Chi-X
September 9, 2019	10:56:41	EDT	1200	1.89	CAD	Chi-X
September 9, 2019	11:02:47	EDT	100	1.89	CAD	Omega
September 9, 2019	11:03:47	EDT	500	1.9	CAD	TSX
September 9, 2019	11:03:47	EDT	2100	1.9	CAD	TSX
September 9, 2019	11:03:47	EDT	300	1.9	CAD	Chi-X
September 9, 2019	11:03:47	EDT	300	1.9	CAD	Chi-X
September 9, 2019	11:03:47	EDT	100	1.9	CAD	Chi-X
September 9, 2019	11:03:47	EDT	200	1.9	CAD	Chi-X
September 9, 2019	11:03:47	EDT	400	1.9	CAD	Chi-X
September 9, 2019	11:05:48	EDT	100	1.9	CAD	NEO
September 9, 2019	11:06:54	EDT	1000	1.91	CAD	TSX
September 9, 2019	11:06:54	EDT	300	1.91	CAD	TSX
September 9, 2019	11:06:54	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:06:54	EDT	600	1.91	CAD	TSX
September 9, 2019	11:06:54	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:06:54	EDT	100	1.91	CAD	TSX
September 9, 2019	11:06:54	EDT	400	1.91	CAD	TSX
September 9, 2019	11:06:58	EDT	200	1.91	CAD	Chi-X
September 9, 2019	11:08:36	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:09:59	EDT	1000	1.92	CAD	TSX
September 9, 2019	11:09:59	EDT	100	1.92	CAD	TSX
September 9, 2019	11:09:59	EDT	200	1.92	CAD	Chi-X
September 9, 2019	11:09:59	EDT	800	1.92	CAD	TSX
September 9, 2019	11:09:59	EDT	100	1.92	CAD	Chi-X
September 9, 2019	11:10:02	EDT	200	1.92	CAD	Pure
September 9, 2019	11:10:17	EDT	100	1.92	CAD	Chi-X
September 9, 2019	11:10:17	EDT	100	1.92	CAD	Omega
September 9, 2019	11:13:26	EDT	400	1.92	CAD	Chi-X
September 9, 2019	11:13:26	EDT	100	1.92	CAD	Chi-X
September 9, 2019	11:13:26	EDT	100	1.92	CAD	Pure
September 9, 2019	11:13:26	EDT	200	1.92	CAD	Chi-X
September 9, 2019	11:13:26	EDT	100	1.92	CAD	Pure
September 9, 2019	11:13:26	EDT	100	1.92	CAD	Omega
September 9, 2019	11:13:57	EDT	100	1.92	CAD	TSX
September 9, 2019	11:13:57	EDT	600	1.92	CAD	TSX
September 9, 2019	11:13:57	EDT	200	1.92	CAD	NEO
September 9, 2019	11:13:57	EDT	200	1.92	CAD	TSX
September 9, 2019	11:13:57	EDT	400	1.92	CAD	TSX
September 9, 2019	11:13:57	EDT	200	1.92	CAD	Chi-X
September 9, 2019	11:13:57	EDT	500	1.92	CAD	TSX
September 9, 2019	11:13:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:13:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:13:57	EDT	200	1.92	CAD	NEO
September 9, 2019	11:13:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:13:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:13:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:13:57	EDT	200	1.92	CAD	NEO

September 9, 2019	11:13:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:15:51	EDT	100	1.91	CAD	Omega
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Pure
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	200	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Pure
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Pure
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Omega
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Pure
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	100	1.91	CAD	Chi-X
September 9, 2019	11:17:30	EDT	300	1.91	CAD	TSX
September 9, 2019	11:17:30	EDT	100	1.91	CAD	TSX
September 9, 2019	11:17:30	EDT	500	1.91	CAD	TSX
September 9, 2019	11:17:30	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:30	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:30	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:30	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:30	EDT	500	1.91	CAD	NEO
September 9, 2019	11:17:31	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:31	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:31	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:31	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:31	EDT	100	1.91	CAD	NEO
September 9, 2019	11:17:31	EDT	200	1.91	CAD	NEO
September 9, 2019	11:17:34	EDT	100	1.9	CAD	Chi-X
September 9, 2019	11:17:34	EDT	100	1.9	CAD	Pure
September 9, 2019	11:17:34	EDT	100	1.9	CAD	TSX
September 9, 2019	11:17:34	EDT	100	1.9	CAD	NEO
September 9, 2019	11:17:34	EDT	100	1.9	CAD	Chi-X
September 9, 2019	11:17:34	EDT	100	1.9	CAD	NEO
September 9, 2019	11:19:18	EDT	100	1.89	CAD	Chi-X
September 9, 2019	11:19:18	EDT	100	1.89	CAD	Chi-X
September 9, 2019	11:19:18	EDT	100	1.89	CAD	Pure
September 9, 2019	11:19:18	EDT	100	1.89	CAD	Pure
September 9, 2019	11:19:18	EDT	100	1.89	CAD	Pure
September 9, 2019	11:22:06	EDT	100	1.89	CAD	Pure
September 9, 2019	11:22:52	EDT	100	1.89	CAD	Pure
September 9, 2019	11:24:05	EDT	100	1.89	CAD	Chi-X
September 9, 2019	11:24:57	EDT	100	1.89	CAD	Omega
September 9, 2019	11:29:48	EDT	800	1.92	CAD	Pure
September 9, 2019	11:29:48	EDT	1200	1.92	CAD	Chi-X
September 9, 2019	11:29:48	EDT	300	1.92	CAD	Chi-X
September 9, 2019	11:30:51	EDT	100	1.92	CAD	Pure
September 9, 2019	11:31:07	EDT	100	1.92	CAD	Pure
September 9, 2019	11:31:56	EDT	100	1.92	CAD	NEO
September 9, 2019	11:33:22	EDT	100	1.93	CAD	NEO



September 9, 2019	11:33:43	EDT	100	1.93	CAD	NEO
September 9, 2019	11:34:17	EDT	100	1.93	CAD	Pure
September 9, 2019	11:35:06	EDT	200	1.93	CAD	Chi-X
September 9, 2019	11:35:06	EDT	100	1.93	CAD	Pure
September 9, 2019	11:35:06	EDT	200	1.93	CAD	Pure
September 9, 2019	11:37:13	EDT	100	1.94	CAD	TSX
September 9, 2019	11:37:13	EDT	600	1.94	CAD	TSX
September 9, 2019	11:37:13	EDT	800	1.94	CAD	Chi-X
September 9, 2019	11:37:13	EDT	1000	1.94	CAD	TSX
September 9, 2019	11:38:09	EDT	100	1.94	CAD	NEO
September 9, 2019	11:39:17	EDT	200	1.94	CAD	Pure
September 9, 2019	11:39:17	EDT	100	1.94	CAD	Chi-X
September 9, 2019	11:39:17	EDT	300	1.94	CAD	Chi-X
September 9, 2019	11:39:17	EDT	200	1.94	CAD	NEO
September 9, 2019	11:39:17	EDT	100	1.94	CAD	Pure
September 9, 2019	11:39:17	EDT	400	1.94	CAD	Chi-X
September 9, 2019	11:39:17	EDT	900	1.94	CAD	TSX
September 9, 2019	11:39:17	EDT	700	1.94	CAD	TSX
September 9, 2019	11:39:17	EDT	100	1.94	CAD	NEO
September 9, 2019	11:39:17	EDT	100	1.94	CAD	NEO
September 9, 2019	11:39:17	EDT	100	1.94	CAD	NEO
September 9, 2019	11:39:17	EDT	100	1.94	CAD	NEO
September 9, 2019	11:39:17	EDT	100	1.94	CAD	NEO
September 9, 2019	11:39:17	EDT	100	1.94	CAD	NEO
September 9, 2019	11:40:18	EDT	100	1.93	CAD	NEO
September 9, 2019	11:40:38	EDT	100	1.92	CAD	Chi-X
September 9, 2019	11:40:38	EDT	100	1.92	CAD	Pure
September 9, 2019	11:40:38	EDT	100	1.92	CAD	Omega
September 9, 2019	11:40:38	EDT	100	1.92	CAD	NEO
September 9, 2019	11:40:51	EDT	100	1.92	CAD	NEO
September 9, 2019	11:45:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:45:57	EDT	100	1.92	CAD	NEO
September 9, 2019	11:49:59	EDT	100	1.93	CAD	NEO
September 9, 2019	11:51:38	EDT	900	1.95	CAD	Chi-X
September 9, 2019	11:51:38	EDT	1000	1.95	CAD	Pure
September 9, 2019	11:56:17	EDT	100	1.94	CAD	Omega
September 9, 2019	11:57:45	EDT	300	1.95	CAD	TSX
September 9, 2019	11:57:45	EDT	1800	1.95	CAD	TSX
September 9, 2019	11:57:48	EDT	100	1.94	CAD	Chi-X
September 9, 2019	11:59:12	EDT	100	1.94	CAD	NEO
September 9, 2019	12:02:46	EDT	100	1.94	CAD	Omega
September 9, 2019	12:02:59	EDT	100	1.94	CAD	Chi-X
September 9, 2019	12:02:59	EDT	100	1.94	CAD	Pure
September 9, 2019	12:02:59	EDT	300	1.94	CAD	NEO
September 9, 2019	12:02:59	EDT	100	1.94	CAD	Pure
September 9, 2019	12:04:47	EDT	600	1.95	CAD	Pure
September 9, 2019	12:04:47	EDT	100	1.94	CAD	Pure
September 9, 2019	12:04:47	EDT	300	1.95	CAD	Pure
September 9, 2019	12:04:47	EDT	900	1.95	CAD	NEO
September 9, 2019	12:04:47	EDT	200	1.95	CAD	Omega

September 9, 2019	12:06:21	EDT	100	1.94	CAD	NEO
September 9, 2019	12:10:10	EDT	100	1.94	CAD	NEO
September 9, 2019	12:11:39	EDT	1000	1.97	CAD	Pure
September 9, 2019	12:11:39	EDT	1500	1.97	CAD	Chi-X
September 9, 2019	12:11:39	EDT	100	1.97	CAD	Chi-X
September 9, 2019	12:13:37	EDT	100	1.96	CAD	NEO
September 9, 2019	12:13:53	EDT	1400	1.96	CAD	TSX
September 9, 2019	12:13:53	EDT	300	1.96	CAD	NEO
September 9, 2019	12:13:53	EDT	100	1.96	CAD	Pure
September 9, 2019	12:13:53	EDT	100	1.96	CAD	Chi-X
September 9, 2019	12:13:53	EDT	300	1.96	CAD	Chi-X
September 9, 2019	12:13:53	EDT	100	1.96	CAD	Omega
September 9, 2019	12:13:53	EDT	100	1.96	CAD	NEO
September 9, 2019	12:13:53	EDT	300	1.96	CAD	NEO
September 9, 2019	12:13:53	EDT	300	1.96	CAD	NEO
September 9, 2019	12:13:53	EDT	200	1.96	CAD	NEO
September 9, 2019	12:13:53	EDT	400	1.96	CAD	Chi-X
September 9, 2019	12:14:09	EDT	200	1.96	CAD	TSX
September 9, 2019	12:14:22	EDT	100	1.96	CAD	NEO
September 9, 2019	12:14:39	EDT	100	1.96	CAD	Chi-X
September 9, 2019	12:15:00	EDT	300	1.96	CAD	TSX
September 9, 2019	12:15:35	EDT	100	1.96	CAD	NEO
September 9, 2019	12:15:54	EDT	300	1.96	CAD	TSX
September 9, 2019	12:15:54	EDT	100	1.96	CAD	NEO
September 9, 2019	12:17:03	EDT	100	1.96	CAD	Chi-X
September 9, 2019	12:17:52	EDT	100	1.96	CAD	NEO
September 9, 2019	12:17:52	EDT	100	1.96	CAD	NEO
September 9, 2019	12:17:53	EDT	100	1.96	CAD	NEO
September 9, 2019	12:19:36	EDT	100	1.96	CAD	Chi-X
September 9, 2019	12:20:02	EDT	100	1.95	CAD	NEO
September 9, 2019	12:20:02	EDT	100	1.95	CAD	NEO
September 9, 2019	12:20:02	EDT	100	1.95	CAD	NEO
September 9, 2019	12:20:02	EDT	100	1.95	CAD	NEO
September 9, 2019	12:20:45	EDT	100	1.94	CAD	Pure
September 9, 2019	12:20:45	EDT	100	1.94	CAD	Pure
September 9, 2019	12:20:45	EDT	100	1.94	CAD	Chi-X
September 9, 2019	12:20:46	EDT	100	1.94	CAD	NEO
September 9, 2019	12:20:46	EDT	100	1.94	CAD	NEO
September 9, 2019	12:22:57	EDT	100	1.93	CAD	Pure
September 9, 2019	12:22:59	EDT	100	1.93	CAD	NEO
September 9, 2019	12:22:59	EDT	100	1.93	CAD	NEO
September 9, 2019	12:22:59	EDT	100	1.93	CAD	NEO
September 9, 2019	12:22:59	EDT	100	1.93	CAD	NEO
September 9, 2019	12:28:58	EDT	100	1.93	CAD	Pure
September 9, 2019	12:29:20	EDT	100	1.93	CAD	Chi-X
September 9, 2019	12:31:49	EDT	100	1.93	CAD	Chi-X
September 9, 2019	12:36:17	EDT	400	1.94	CAD	Pure
September 9, 2019	12:36:17	EDT	1000	1.94	CAD	NEO
September 9, 2019	12:36:17	EDT	200	1.94	CAD	Pure
September 9, 2019	12:39:43	EDT	1000	1.94	CAD	NEO

September 9, 2019	12:39:43	EDT	400	1.94	CAD	Pure
September 9, 2019	12:42:06	EDT	100	1.93	CAD	Chi-X
September 9, 2019	12:42:06	EDT	100	1.93	CAD	TSX
September 9, 2019	12:42:06	EDT	100	1.93	CAD	Pure
September 9, 2019	12:42:06	EDT	400	1.93	CAD	TSX
September 9, 2019	12:42:06	EDT	100	1.93	CAD	Pure
September 9, 2019	12:42:06	EDT	100	1.93	CAD	Chi-X
September 9, 2019	12:42:06	EDT	100	1.93	CAD	Chi-X
September 9, 2019	12:42:06	EDT	100	1.93	CAD	Chi-X
September 9, 2019	12:42:06	EDT	100	1.93	CAD	TSX
September 9, 2019	12:42:06	EDT	200	1.93	CAD	Chi-X
September 9, 2019	12:42:06	EDT	100	1.93	CAD	Chi-X
September 9, 2019	12:42:06	EDT	100	1.93	CAD	NEO
September 9, 2019	12:42:06	EDT	300	1.93	CAD	NEO
September 9, 2019	12:42:06	EDT	100	1.92	CAD	Chi-X
September 9, 2019	12:42:06	EDT	100	1.93	CAD	NEO
September 9, 2019	12:42:06	EDT	100	1.92	CAD	Pure
September 9, 2019	12:42:06	EDT	100	1.92	CAD	NEO
September 9, 2019	12:42:08	EDT	100	1.92	CAD	Chi-X
September 9, 2019	12:47:48	EDT	100	1.91	CAD	NEO
September 9, 2019	12:49:31	EDT	100	1.91	CAD	NEO
September 9, 2019	12:50:26	EDT	100	1.92	CAD	Chi-X
September 9, 2019	12:50:26	EDT	100	1.92	CAD	Pure
September 9, 2019	12:54:52	EDT	1200	1.93	CAD	Chi-X
September 9, 2019	13:00:47	EDT	1000	1.93	CAD	Chi-X
September 9, 2019	13:00:47	EDT	300	1.93	CAD	Chi-X
September 9, 2019	13:02:03	EDT	100	1.92	CAD	NEO
September 9, 2019	13:04:30	EDT	100	1.94	CAD	Chi-X
September 9, 2019	13:04:30	EDT	200	1.94	CAD	Chi-X
September 9, 2019	13:04:30	EDT	800	1.94	CAD	Chi-X
September 9, 2019	13:09:03	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:09:47	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:09:56	EDT	100	1.94	CAD	Chi-X
September 9, 2019	13:11:27	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:12:22	EDT	200	1.95	CAD	TSX
September 9, 2019	13:12:22	EDT	200	1.95	CAD	Chi-X
September 9, 2019	13:12:22	EDT	200	1.95	CAD	Chi-X
September 9, 2019	13:12:22	EDT	700	1.95	CAD	Chi-X
September 9, 2019	13:15:12	EDT	200	1.945	CAD	TriAct
September 9, 2019	13:15:56	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:16:42	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:17:22	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:17:47	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:19:05	EDT	100	1.945	CAD	TriAct
September 9, 2019	13:21:24	EDT	400	1.95	CAD	Chi-X
September 9, 2019	13:21:24	EDT	200	1.95	CAD	Chi-X
September 9, 2019	13:21:24	EDT	1000	1.95	CAD	Pure
September 9, 2019	13:21:24	EDT	100	1.95	CAD	Chi-X
September 9, 2019	13:25:17	EDT	100	1.96	CAD	Chi-X
September 9, 2019	13:25:17	EDT	100	1.96	CAD	Omega

September 9, 2019	13:27:04	EDT	100	1.96	CAD	Chi-X
September 9, 2019	13:27:56	EDT	700	1.97	CAD	TSX
September 9, 2019	13:27:56	EDT	1000	1.97	CAD	Chi-X
September 9, 2019	13:27:56	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:27:56	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:30:48	EDT	100	1.975	CAD	TriAct
September 9, 2019	13:31:27	EDT	700	1.98	CAD	TSX
September 9, 2019	13:31:27	EDT	500	1.98	CAD	Chi-X
September 9, 2019	13:31:27	EDT	100	1.98	CAD	Chi-X
September 9, 2019	13:31:27	EDT	100	1.98	CAD	Chi-X
September 9, 2019	13:32:40	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:32:41	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:32:41	EDT	200	1.97	CAD	Pure
September 9, 2019	13:32:41	EDT	100	1.97	CAD	Pure
September 9, 2019	13:32:41	EDT	100	1.97	CAD	Pure
September 9, 2019	13:32:43	EDT	200	1.97	CAD	Chi-X
September 9, 2019	13:32:43	EDT	100	1.97	CAD	NEO
September 9, 2019	13:32:43	EDT	500	1.97	CAD	TSX
September 9, 2019	13:32:43	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:32:44	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:32:44	EDT	100	1.97	CAD	NEO
September 9, 2019	13:32:44	EDT	100	1.97	CAD	TSX
September 9, 2019	13:32:44	EDT	100	1.97	CAD	NEO
September 9, 2019	13:32:44	EDT	100	1.97	CAD	NEO
September 9, 2019	13:32:44	EDT	100	1.97	CAD	NEO
September 9, 2019	13:32:55	EDT	100	1.96	CAD	Pure
September 9, 2019	13:32:55	EDT	100	1.96	CAD	NEO
September 9, 2019	13:34:13	EDT	100	1.96	CAD	Chi-X
September 9, 2019	13:43:55	EDT	1000	1.96	CAD	NEO
September 9, 2019	13:43:55	EDT	500	1.96	CAD	Pure
September 9, 2019	13:46:04	EDT	100	1.96	CAD	Chi-X
September 9, 2019	13:48:44	EDT	200	1.96	CAD	NEO
September 9, 2019	13:51:16	EDT	1300	1.97	CAD	Chi-X
September 9, 2019	13:51:16	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:51:16	EDT	100	1.97	CAD	Chi-X
September 9, 2019	13:51:16	EDT	500	1.97	CAD	Chi-X
September 9, 2019	13:51:20	EDT	100	1.96	CAD	Chi-X
September 9, 2019	13:51:20	EDT	300	1.96	CAD	Chi-X
September 9, 2019	13:51:20	EDT	700	1.96	CAD	TSX
September 9, 2019	13:51:20	EDT	500	1.96	CAD	TSX
September 9, 2019	13:51:20	EDT	200	1.96	CAD	Chi-X
September 9, 2019	13:51:21	EDT	100	1.96	CAD	Omega
September 9, 2019	13:51:21	EDT	100	1.96	CAD	Pure
September 9, 2019	13:51:21	EDT	100	1.96	CAD	NEO
September 9, 2019	13:51:21	EDT	300	1.96	CAD	Pure
September 9, 2019	13:51:21	EDT	200	1.96	CAD	NEO
September 9, 2019	13:51:21	EDT	300	1.96	CAD	NEO
September 9, 2019	13:53:44	EDT	100	1.95	CAD	Pure
September 9, 2019	13:55:02	EDT	100	1.95	CAD	Chi-X
September 9, 2019	13:59:36	EDT	200	1.96	CAD	TSX

September 9, 2019	13:59:36	EDT	100	1.96	CAD	Chi-X
September 9, 2019	13:59:36	EDT	800	1.96	CAD	TSX
September 9, 2019	13:59:36	EDT	100	1.96	CAD	NEO
September 9, 2019	13:59:36	EDT	400	1.96	CAD	Chi-X
September 9, 2019	13:59:36	EDT	200	1.96	CAD	NEO
September 9, 2019	13:59:36	EDT	100	1.96	CAD	Pure
September 9, 2019	13:59:36	EDT	300	1.96	CAD	NEO
September 9, 2019	13:59:36	EDT	1100	1.96	CAD	Chi-X
September 9, 2019	14:09:15	EDT	100	1.955	CAD	Chi-X
September 9, 2019	14:09:40	EDT	100	1.955	CAD	Chi-X
September 9, 2019	14:09:40	EDT	100	1.955	CAD	TSX
September 9, 2019	14:09:40	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:09:40	EDT	100	1.955	CAD	TriAct
September 9, 2019	14:10:08	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:10:50	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:11:36	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:13:03	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:13:29	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:13:55	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:15:59	EDT	100	1.955	CAD	TriAct
September 9, 2019	14:16:24	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:17:07	EDT	300	1.955	CAD	Chi-X
September 9, 2019	14:17:41	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:18:07	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:18:51	EDT	300	1.955	CAD	Chi-X
September 9, 2019	14:19:12	EDT	100	1.95	CAD	Chi-X
September 9, 2019	14:19:34	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:21:04	EDT	100	1.955	CAD	Chi-X
September 9, 2019	14:21:04	EDT	200	1.955	CAD	TriAct
September 9, 2019	14:21:16	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:22:01	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:22:19	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:23:41	EDT	200	1.96	CAD	Chi-X
September 9, 2019	14:23:41	EDT	700	1.96	CAD	Chi-X
September 9, 2019	14:23:41	EDT	200	1.96	CAD	Pure
September 9, 2019	14:23:41	EDT	400	1.96	CAD	Pure
September 9, 2019	14:25:56	EDT	200	1.955	CAD	TriAct
September 9, 2019	14:27:00	EDT	100	1.955	CAD	TriAct
September 9, 2019	14:27:18	EDT	100	1.955	CAD	Chi-X
September 9, 2019	14:27:36	EDT	100	1.955	CAD	Chi-X
September 9, 2019	14:27:54	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:28:26	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:29:32	EDT	100	1.955	CAD	Chi-X
September 9, 2019	14:29:36	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:30:36	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:32:08	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:32:44	EDT	200	1.955	CAD	Chi-X
September 9, 2019	14:32:47	EDT	100	1.95	CAD	Chi-X
September 9, 2019	14:32:47	EDT	100	1.95	CAD	Chi-X
September 9, 2019	14:34:10	EDT	200	1.955	CAD	Chi-X



September 9, 2019	14:52:56	EDT	100	1.95	CAD	Chi-X
September 9, 2019	14:52:56	EDT	100	1.95	CAD	NEO
September 9, 2019	14:52:56	EDT	100	1.95	CAD	NEO
September 9, 2019	14:52:56	EDT	100	1.95	CAD	NEO
September 9, 2019	14:52:56	EDT	100	1.95	CAD	NEO
September 9, 2019	14:52:56	EDT	100	1.95	CAD	NEO
September 9, 2019	14:52:56	EDT	100	1.95	CAD	NEO
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Chi-X
September 9, 2019	14:55:35	EDT	300	1.94	CAD	TSX
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Chi-X
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Chi-X
September 9, 2019	14:55:35	EDT	100	1.94	CAD	TSX
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Pure
September 9, 2019	14:55:35	EDT	100	1.94	CAD	NEO
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Pure
September 9, 2019	14:55:35	EDT	100	1.94	CAD	NEO
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Pure
September 9, 2019	14:55:35	EDT	100	1.94	CAD	NEO
September 9, 2019	14:55:35	EDT	100	1.94	CAD	NEO
September 9, 2019	14:55:35	EDT	100	1.94	CAD	NEO
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Chi-X
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Chi-X
September 9, 2019	14:55:35	EDT	100	1.94	CAD	Chi-X
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	100	1.93	CAD	NEO
September 9, 2019	15:06:31	EDT	300	1.93	CAD	NEO
September 9, 2019	15:07:21	EDT	1000	1.94	CAD	Chi-X
September 9, 2019	15:07:21	EDT	700	1.94	CAD	Pure
September 9, 2019	15:07:22	EDT	1000	1.94	CAD	Chi-X
September 9, 2019	15:07:22	EDT	1400	1.94	CAD	NEO
September 9, 2019	15:07:22	EDT	2600	1.94	CAD	TSX
September 9, 2019	15:07:22	EDT	1000	1.94	CAD	TSX
September 9, 2019	15:07:22	EDT	800	1.94	CAD	Chi-X
September 9, 2019	15:07:22	EDT	2000	1.94	CAD	TSX
September 9, 2019	15:07:22	EDT	100	1.94	CAD	TSX
September 9, 2019	15:07:22	EDT	200	1.94	CAD	Omega
September 9, 2019	15:07:22	EDT	25	1.94	CAD	TSX
September 9, 2019	15:07:27	EDT	100	1.94	CAD	TSX
September 9, 2019	15:07:27	EDT	700	1.94	CAD	TSX
September 9, 2019	15:07:27	EDT	900	1.94	CAD	TSX
September 9, 2019	15:07:27	EDT	1000	1.94	CAD	TSX
September 9, 2019	15:07:27	EDT	100	1.94	CAD	TSX
September 10, 2019	09:32:04	EDT	200	1.99	CAD	Pure
September 10, 2019	09:32:04	EDT	200	1.99	CAD	Chi-X

September 10, 2019	09:32:04	EDT	100	1.99	CAD	TSX
September 10, 2019	09:32:04	EDT	300	1.99	CAD	Pure
September 10, 2019	09:32:04	EDT	300	1.99	CAD	TSX
September 10, 2019	09:32:04	EDT	300	1.99	CAD	TSX
September 10, 2019	09:32:04	EDT	200	1.99	CAD	TSX
September 10, 2019	09:32:04	EDT	100	1.99	CAD	TSX
September 10, 2019	09:32:04	EDT	500	1.99	CAD	TSX
September 10, 2019	09:32:05	EDT	300	1.99	CAD	TSX
September 10, 2019	09:32:05	EDT	800	1.99	CAD	TSX
September 10, 2019	09:32:05	EDT	100	1.99	CAD	TSX
September 10, 2019	09:32:05	EDT	900	1.99	CAD	TSX
September 10, 2019	09:32:05	EDT	800	1.99	CAD	TSX
September 10, 2019	09:32:05	EDT	100	1.99	CAD	NEO
September 10, 2019	09:32:05	EDT	100	1.99	CAD	NEO
September 10, 2019	09:32:05	EDT	400	1.99	CAD	NEO
September 10, 2019	09:32:05	EDT	100	1.99	CAD	NEO
September 10, 2019	09:32:05	EDT	100	1.99	CAD	NEO
September 10, 2019	09:32:05	EDT	100	1.98	CAD	Pure
September 10, 2019	09:32:05	EDT	100	1.98	CAD	Pure
September 10, 2019	09:32:05	EDT	100	1.99	CAD	NEO
September 10, 2019	09:32:05	EDT	100	1.99	CAD	NEO
September 10, 2019	09:32:20	EDT	200	1.98	CAD	TSX
September 10, 2019	09:34:26	EDT	200	2.03	CAD	TSX
September 10, 2019	09:34:26	EDT	300	2.03	CAD	NEO
September 10, 2019	09:34:26	EDT	1200	2.03	CAD	TSX
September 10, 2019	09:34:26	EDT	900	2.03	CAD	Chi-X
September 10, 2019	09:34:38	EDT	100	2.02	CAD	Chi-X
September 10, 2019	09:34:38	EDT	200	2.02	CAD	TSX
September 10, 2019	09:34:38	EDT	200	2.02	CAD	TSX
September 10, 2019	09:34:38	EDT	100	2.02	CAD	Chi-X
September 10, 2019	09:34:38	EDT	200	2.02	CAD	Pure
September 10, 2019	09:34:38	EDT	100	2.02	CAD	Chi-X
September 10, 2019	09:34:38	EDT	100	2.02	CAD	NEO
September 10, 2019	09:34:38	EDT	100	2.02	CAD	TSX
September 10, 2019	09:34:38	EDT	500	2.02	CAD	TSX
September 10, 2019	09:34:38	EDT	100	2.02	CAD	NEO
September 10, 2019	09:34:38	EDT	100	2.02	CAD	TSX
September 10, 2019	09:34:38	EDT	300	2.02	CAD	Chi-X
September 10, 2019	09:34:38	EDT	100	2.02	CAD	NEO
September 10, 2019	09:34:38	EDT	200	2.02	CAD	NEO
September 10, 2019	09:37:54	EDT	100	2.03	CAD	Pure
September 10, 2019	09:37:54	EDT	100	2.03	CAD	TSX
September 10, 2019	09:37:54	EDT	100	2.03	CAD	Chi-X
September 10, 2019	09:37:54	EDT	100	2.03	CAD	Chi-X
September 10, 2019	09:37:54	EDT	100	2.03	CAD	Chi-X
September 10, 2019	09:37:54	EDT	100	2.02	CAD	Chi-X
September 10, 2019	09:37:54	EDT	200	2.02	CAD	TSX
September 10, 2019	09:37:54	EDT	100	2.03	CAD	NEO
September 10, 2019	09:37:54	EDT	100	2.02	CAD	TSX
September 10, 2019	09:37:54	EDT	100	2.02	CAD	Chi-X



September 10, 2019	09:37:54	EDT	100	2.02	CAD	Pure
September 10, 2019	09:37:54	EDT	100	2.02	CAD	Chi-X
September 10, 2019	09:37:54	EDT	100	2.02	CAD	Pure
September 10, 2019	09:37:54	EDT	100	2.02	CAD	Pure
September 10, 2019	09:37:54	EDT	100	2.02	CAD	Chi-X
September 10, 2019	09:37:54	EDT	100	2.02	CAD	NEO
September 10, 2019	09:37:54	EDT	100	2.02	CAD	NEO
September 10, 2019	09:37:54	EDT	100	2.02	CAD	NEO
September 10, 2019	09:37:54	EDT	100	2.02	CAD	NEO
September 10, 2019	09:37:54	EDT	100	2.02	CAD	NEO
September 10, 2019	09:37:56	EDT	100	2.01	CAD	Pure
September 10, 2019	09:37:56	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:37:56	EDT	100	2.01	CAD	Pure
September 10, 2019	09:37:56	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:37:56	EDT	100	2.01	CAD	NEO
September 10, 2019	09:37:56	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:37:56	EDT	100	2.01	CAD	TSX
September 10, 2019	09:38:07	EDT	100	2	CAD	Chi-X
September 10, 2019	09:38:07	EDT	100	2	CAD	NEO
September 10, 2019	09:38:56	EDT	100	2	CAD	Chi-X
September 10, 2019	09:38:56	EDT	200	2	CAD	Pure
September 10, 2019	09:38:56	EDT	200	2	CAD	Chi-X
September 10, 2019	09:38:56	EDT	100	2	CAD	Pure
September 10, 2019	09:39:00	EDT	400	2	CAD	TSX
September 10, 2019	09:39:00	EDT	100	2	CAD	NEO
September 10, 2019	09:40:32	EDT	100	1.99	CAD	NEO
September 10, 2019	09:41:50	EDT	200	1.99	CAD	TSX
September 10, 2019	09:43:51	EDT	1300	1.99	CAD	TSX
September 10, 2019	09:43:51	EDT	100	1.99	CAD	Pure
September 10, 2019	09:43:51	EDT	100	1.99	CAD	Chi-X
September 10, 2019	09:43:51	EDT	100	1.99	CAD	Omega
September 10, 2019	09:43:51	EDT	600	1.99	CAD	Chi-X
September 10, 2019	09:43:51	EDT	300	1.99	CAD	NEO
September 10, 2019	09:43:51	EDT	100	1.99	CAD	NEO
September 10, 2019	09:43:51	EDT	700	1.99	CAD	NEO
September 10, 2019	09:47:40	EDT	100	2.01	CAD	NEO
September 10, 2019	09:47:40	EDT	100	2.01	CAD	Pure
September 10, 2019	09:47:40	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:47:41	EDT	100	2.01	CAD	NEO
September 10, 2019	09:47:41	EDT	100	2.01	CAD	NEO
September 10, 2019	09:47:41	EDT	300	2.01	CAD	Chi-X
September 10, 2019	09:47:41	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:47:41	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:47:41	EDT	100	2.01	CAD	TSX
September 10, 2019	09:47:41	EDT	200	2.01	CAD	TSX
September 10, 2019	09:47:41	EDT	200	2.01	CAD	TSX
September 10, 2019	09:47:41	EDT	400	2.01	CAD	TSX
September 10, 2019	09:47:41	EDT	100	2.01	CAD	TSX
September 10, 2019	09:47:41	EDT	100	2.01	CAD	NEO
September 10, 2019	09:47:41	EDT	100	2.01	CAD	NEO

September 10, 2019	09:47:41	EDT	100	2.01	CAD	NEO
September 10, 2019	09:47:41	EDT	100	2.01	CAD	NEO
September 10, 2019	09:47:41	EDT	100	2.01	CAD	NEO
September 10, 2019	09:48:09	EDT	100	2	CAD	Chi-X
September 10, 2019	09:48:21	EDT	100	2	CAD	Chi-X
September 10, 2019	09:48:21	EDT	100	2	CAD	Chi-X
September 10, 2019	09:48:21	EDT	200	2	CAD	TSX
September 10, 2019	09:48:21	EDT	100	2	CAD	Chi-X
September 10, 2019	09:48:21	EDT	100	2	CAD	NEO
September 10, 2019	09:50:13	EDT	100	1.99	CAD	Chi-X
September 10, 2019	09:50:13	EDT	100	1.98	CAD	Chi-X
September 10, 2019	09:50:13	EDT	100	1.99	CAD	Pure
September 10, 2019	09:50:13	EDT	100	1.99	CAD	Chi-X
September 10, 2019	09:50:13	EDT	100	1.99	CAD	NEO
September 10, 2019	09:50:13	EDT	100	1.98	CAD	Pure
September 10, 2019	09:52:53	EDT	200	2.01	CAD	TSX
September 10, 2019	09:52:53	EDT	100	2.01	CAD	NEO
September 10, 2019	09:52:53	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:55:37	EDT	100	2	CAD	NEO
September 10, 2019	09:55:37	EDT	100	2	CAD	NEO
September 10, 2019	09:56:05	EDT	100	2.01	CAD	Pure
September 10, 2019	09:56:05	EDT	100	2.01	CAD	Chi-X
September 10, 2019	09:59:43	EDT	100	2.03	CAD	Pure
September 10, 2019	10:00:10	EDT	100	2.03	CAD	Pure
September 10, 2019	10:02:24	EDT	100	2.035	CAD	TriAct
September 10, 2019	10:03:45	EDT	100	2.03	CAD	NEO
September 10, 2019	10:04:13	EDT	200	2.04	CAD	TSX
September 10, 2019	10:04:13	EDT	1500	2.04	CAD	Chi-X
September 10, 2019	10:04:13	EDT	1100	2.04	CAD	Chi-X
September 10, 2019	10:04:13	EDT	100	2.04	CAD	NEO
September 10, 2019	10:09:40	EDT	500	2.06	CAD	Chi-X
September 10, 2019	10:09:40	EDT	200	2.06	CAD	Chi-X
September 10, 2019	10:09:40	EDT	2100	2.06	CAD	Chi-X
September 10, 2019	10:10:01	EDT	100	2.05	CAD	Omega
September 10, 2019	10:10:36	EDT	100	2.05	CAD	Chi-X
September 10, 2019	10:10:36	EDT	100	2.05	CAD	Pure
September 10, 2019	10:10:52	EDT	1200	2.05	CAD	TSX
September 10, 2019	10:10:52	EDT	500	2.05	CAD	Chi-X
September 10, 2019	10:10:52	EDT	100	2.05	CAD	Chi-X
September 10, 2019	10:10:52	EDT	300	2.05	CAD	Chi-X
September 10, 2019	10:10:52	EDT	600	2.05	CAD	TSX
September 10, 2019	10:10:52	EDT	100	2.05	CAD	NEO
September 10, 2019	10:10:52	EDT	100	2.05	CAD	NEO
September 10, 2019	10:10:52	EDT	100	2.05	CAD	NEO
September 10, 2019	10:10:52	EDT	100	2.05	CAD	NEO
September 10, 2019	10:10:52	EDT	400	2.05	CAD	NEO
September 10, 2019	10:11:19	EDT	100	2.04	CAD	Chi-X
September 10, 2019	10:11:19	EDT	100	2.04	CAD	Pure
September 10, 2019	10:11:20	EDT	100	2.04	CAD	NEO
September 10, 2019	10:11:24	EDT	100	2.04	CAD	NEO

September 10, 2019	10:11:24	EDT	200	2.04	CAD	NEO
September 10, 2019	10:16:59	EDT	100	2.06	CAD	Omega
September 10, 2019	10:17:09	EDT	100	2.06	CAD	Chi-X
September 10, 2019	10:17:09	EDT	100	2.06	CAD	Pure
September 10, 2019	10:17:21	EDT	100	2.06	CAD	NEO
September 10, 2019	10:17:21	EDT	100	2.06	CAD	TSX
September 10, 2019	10:17:21	EDT	1100	2.06	CAD	TSX
September 10, 2019	10:17:21	EDT	700	2.06	CAD	Chi-X
September 10, 2019	10:17:21	EDT	200	2.06	CAD	TSX
September 10, 2019	10:17:21	EDT	100	2.06	CAD	NEO
September 10, 2019	10:17:21	EDT	100	2.06	CAD	NEO
September 10, 2019	10:17:21	EDT	1000	2.06	CAD	NEO
September 10, 2019	10:19:34	EDT	200	2.07	CAD	TSX
September 10, 2019	10:19:34	EDT	100	2.07	CAD	NEO
September 10, 2019	10:19:34	EDT	100	2.07	CAD	Chi-X
September 10, 2019	10:20:10	EDT	100	2.07	CAD	NEO
September 10, 2019	10:20:10	EDT	200	2.07	CAD	TSX
September 10, 2019	10:20:10	EDT	100	2.07	CAD	Chi-X
September 10, 2019	10:25:44	EDT	100	2.09	CAD	Omega
September 10, 2019	10:25:47	EDT	100	2.09	CAD	Pure
September 10, 2019	10:25:47	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:25:47	EDT	300	2.09	CAD	NEO
September 10, 2019	10:31:43	EDT	200	2.1	CAD	Chi-X
September 10, 2019	10:31:43	EDT	2800	2.1	CAD	NEO
September 10, 2019	10:32:34	EDT	200	2.11	CAD	Chi-X
September 10, 2019	10:32:34	EDT	1100	2.11	CAD	NEO
September 10, 2019	10:32:34	EDT	200	2.11	CAD	Omega
September 10, 2019	10:32:34	EDT	200	2.11	CAD	Pure
September 10, 2019	10:33:01	EDT	100	2.11	CAD	TSX
September 10, 2019	10:33:01	EDT	400	2.11	CAD	NEO
September 10, 2019	10:33:01	EDT	1700	2.11	CAD	TSX
September 10, 2019	10:33:01	EDT	100	2.11	CAD	TSX
September 10, 2019	10:33:16	EDT	900	2.11	CAD	Chi-X
September 10, 2019	10:33:23	EDT	100	2.11	CAD	NEO
September 10, 2019	10:33:23	EDT	100	2.11	CAD	TSX
September 10, 2019	10:33:27	EDT	100	2.11	CAD	TSX
September 10, 2019	10:33:27	EDT	100	2.11	CAD	TSX
September 10, 2019	10:36:45	EDT	100	2.12	CAD	Chi-X
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Pure
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Pure
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Pure
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Chi-X
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Chi-X
September 10, 2019	10:38:36	EDT	100	2.12	CAD	NEO
September 10, 2019	10:38:36	EDT	100	2.12	CAD	NEO
September 10, 2019	10:38:36	EDT	100	2.12	CAD	NEO
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Chi-X
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Chi-X
September 10, 2019	10:38:36	EDT	200	2.12	CAD	TSX
September 10, 2019	10:38:36	EDT	100	2.12	CAD	Chi-X

September 10, 2019	10:38:36	EDT	100	2.12	CAD	NEO
September 10, 2019	10:38:36	EDT	100	2.12	CAD	TSX
September 10, 2019	10:38:36	EDT	100	2.12	CAD	TSX
September 10, 2019	10:38:36	EDT	100	2.12	CAD	NEO
September 10, 2019	10:38:51	EDT	100	2.11	CAD	NEO
September 10, 2019	10:39:14	EDT	200	2.11	CAD	TSX
September 10, 2019	10:39:14	EDT	100	2.11	CAD	Chi-X
September 10, 2019	10:39:14	EDT	100	2.11	CAD	Pure
September 10, 2019	10:39:14	EDT	100	2.11	CAD	Pure
September 10, 2019	10:39:14	EDT	100	2.11	CAD	Chi-X
September 10, 2019	10:39:14	EDT	100	2.11	CAD	Chi-X
September 10, 2019	10:39:14	EDT	100	2.11	CAD	NEO
September 10, 2019	10:39:14	EDT	100	2.11	CAD	NEO
September 10, 2019	10:40:07	EDT	100	2.09	CAD	Pure
September 10, 2019	10:40:07	EDT	100	2.09	CAD	Pure
September 10, 2019	10:40:07	EDT	100	2.09	CAD	Pure
September 10, 2019	10:40:07	EDT	100	2.09	CAD	NEO
September 10, 2019	10:40:07	EDT	100	2.09	CAD	Pure
September 10, 2019	10:40:21	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:41:56	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:41:56	EDT	100	2.09	CAD	Pure
September 10, 2019	10:43:00	EDT	100	2.1	CAD	TSX
September 10, 2019	10:43:00	EDT	100	2.1	CAD	Pure
September 10, 2019	10:43:09	EDT	100	2.1	CAD	Chi-X
September 10, 2019	10:45:11	EDT	100	2.1	CAD	Chi-X
September 10, 2019	10:45:57	EDT	100	2.1	CAD	Pure
September 10, 2019	10:45:57	EDT	100	2.1	CAD	Pure
September 10, 2019	10:46:40	EDT	300	2.1	CAD	Chi-X
September 10, 2019	10:46:40	EDT	100	2.1	CAD	NEO
September 10, 2019	10:46:40	EDT	400	2.1	CAD	NEO
September 10, 2019	10:46:40	EDT	100	2.1	CAD	NEO
September 10, 2019	10:47:22	EDT	100	2.1	CAD	Pure
September 10, 2019	10:47:31	EDT	100	2.1	CAD	NEO
September 10, 2019	10:52:54	EDT	100	2.105	CAD	TSX
September 10, 2019	10:53:59	EDT	100	2.1	CAD	Chi-X
September 10, 2019	10:54:28	EDT	400	2.1	CAD	Chi-X
September 10, 2019	10:54:28	EDT	100	2.1	CAD	Chi-X
September 10, 2019	10:54:28	EDT	700	2.1	CAD	TSX
September 10, 2019	10:54:28	EDT	300	2.1	CAD	Chi-X
September 10, 2019	10:54:28	EDT	800	2.1	CAD	TSX
September 10, 2019	10:54:28	EDT	400	2.1	CAD	NEO
September 10, 2019	10:54:28	EDT	100	2.1	CAD	Pure
September 10, 2019	10:54:28	EDT	700	2.1	CAD	TSX
September 10, 2019	10:54:28	EDT	200	2.1	CAD	NEO
September 10, 2019	10:54:28	EDT	100	2.095	CAD	TSX
September 10, 2019	10:54:28	EDT	100	2.095	CAD	Chi-X
September 10, 2019	10:54:28	EDT	300	2.095	CAD	TriAct
September 10, 2019	10:54:28	EDT	100	2.095	CAD	Chi-X
September 10, 2019	10:54:28	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:54:28	EDT	100	2.09	CAD	Chi-X

September 10, 2019	10:54:28	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:54:28	EDT	1100	2.09	CAD	Chi-X
September 10, 2019	10:54:28	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:54:29	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:54:38	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:54:38	EDT	100	2.09	CAD	Chi-X
September 10, 2019	10:54:43	EDT	100	2.08	CAD	Chi-X
September 10, 2019	10:56:57	EDT	100	2.07	CAD	NEO
September 10, 2019	10:58:14	EDT	100	2.07	CAD	Pure
September 10, 2019	10:59:44	EDT	100	2.07	CAD	NEO
September 10, 2019	11:00:07	EDT	200	2.07	CAD	Chi-X
September 10, 2019	11:00:07	EDT	600	2.07	CAD	Chi-X
September 10, 2019	11:00:07	EDT	300	2.07	CAD	TSX
September 10, 2019	11:00:07	EDT	100	2.07	CAD	Chi-X
September 10, 2019	11:00:07	EDT	1200	2.07	CAD	TSX
September 10, 2019	11:00:07	EDT	100	2.07	CAD	Chi-X
September 10, 2019	11:00:07	EDT	300	2.07	CAD	Pure
September 10, 2019	11:00:07	EDT	100	2.07	CAD	NEO
September 10, 2019	11:00:07	EDT	100	2.07	CAD	NEO
September 10, 2019	11:00:07	EDT	100	2.07	CAD	NEO
September 10, 2019	11:00:07	EDT	300	2.07	CAD	NEO
September 10, 2019	11:00:11	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:00:11	EDT	100	2.06	CAD	Pure
September 10, 2019	11:01:44	EDT	100	2.06	CAD	Pure
September 10, 2019	11:04:07	EDT	100	2.06	CAD	NEO
September 10, 2019	11:05:41	EDT	100	2.06	CAD	NEO
September 10, 2019	11:05:41	EDT	100	2.06	CAD	NEO
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Omega
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Pure
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Pure
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Pure
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Pure
September 10, 2019	11:06:37	EDT	100	2.06	CAD	TSX
September 10, 2019	11:06:37	EDT	200	2.06	CAD	TSX
September 10, 2019	11:06:37	EDT	300	2.06	CAD	TSX
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:06:37	EDT	100	2.06	CAD	NEO
September 10, 2019	11:06:37	EDT	100	2.06	CAD	NEO
September 10, 2019	11:06:37	EDT	100	2.06	CAD	NEO
September 10, 2019	11:06:37	EDT	100	2.06	CAD	NEO
September 10, 2019	11:06:37	EDT	100	2.06	CAD	NEO
September 10, 2019	11:06:37	EDT	100	2.06	CAD	NEO
September 10, 2019	11:06:37	EDT	100	2.06	CAD	NEO
September 10, 2019	11:14:45	EDT	100	2.06	CAD	Chi-X

September 10, 2019	11:14:45	EDT	100	2.06	CAD	Omega
September 10, 2019	11:14:45	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:14:45	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:14:45	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:15:07	EDT	100	2.06	CAD	NEO
September 10, 2019	11:15:07	EDT	200	2.06	CAD	NEO
September 10, 2019	11:15:16	EDT	100	2.06	CAD	NEO
September 10, 2019	11:15:16	EDT	100	2.06	CAD	NEO
September 10, 2019	11:15:16	EDT	100	2.06	CAD	NEO
September 10, 2019	11:15:27	EDT	100	2.06	CAD	NEO
September 10, 2019	11:15:35	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:16:56	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:18:47	EDT	100	2.06	CAD	NEO
September 10, 2019	11:19:25	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:20:47	EDT	400	2.065	CAD	TriAct
September 10, 2019	11:21:11	EDT	400	2.065	CAD	TriAct
September 10, 2019	11:21:35	EDT	400	2.065	CAD	TriAct
September 10, 2019	11:22:01	EDT	400	2.065	CAD	TriAct
September 10, 2019	11:22:11	EDT	300	2.065	CAD	TriAct
September 10, 2019	11:22:19	EDT	300	2.065	CAD	TriAct
September 10, 2019	11:22:29	EDT	300	2.065	CAD	TriAct
September 10, 2019	11:22:35	EDT	300	2.065	CAD	TriAct
September 10, 2019	11:22:43	EDT	300	2.065	CAD	TriAct
September 10, 2019	11:22:54	EDT	300	2.065	CAD	TriAct
September 10, 2019	11:22:58	EDT	500	2.065	CAD	TriAct
September 10, 2019	11:23:32	EDT	200	2.065	CAD	TriAct
September 10, 2019	11:23:46	EDT	200	2.065	CAD	TriAct
September 10, 2019	11:24:02	EDT	200	2.065	CAD	TriAct
September 10, 2019	11:24:09	EDT	200	2.065	CAD	TriAct
September 10, 2019	11:24:15	EDT	200	2.065	CAD	TriAct
September 10, 2019	11:24:24	EDT	200	2.065	CAD	TriAct
September 10, 2019	11:24:31	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:24:36	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:24:39	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:24:47	EDT	200	2.065	CAD	TriAct
September 10, 2019	11:24:54	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:24:58	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:25:00	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:25:11	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:25:18	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:25:26	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:25:55	EDT	100	2.06	CAD	NEO
September 10, 2019	11:25:55	EDT	100	2.06	CAD	NEO
September 10, 2019	11:25:55	EDT	100	2.06	CAD	NEO
September 10, 2019	11:25:55	EDT	100	2.06	CAD	NEO
September 10, 2019	11:26:12	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:26:22	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:26:32	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:26:41	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:26:51	EDT	100	2.065	CAD	TriAct

September 10, 2019	11:27:02	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:27:08	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:27:12	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:27:17	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:27:22	EDT	100	2.065	CAD	Chi-X
September 10, 2019	11:27:22	EDT	100	2.06	CAD	NEO
September 10, 2019	11:27:38	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:27:40	EDT	100	2.065	CAD	Chi-X
September 10, 2019	11:27:41	EDT	100	2.065	CAD	Chi-X
September 10, 2019	11:27:47	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:27:52	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:27:56	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:28:03	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:29:04	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:29:20	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:29:35	EDT	100	2.065	CAD	TriAct
September 10, 2019	11:29:36	EDT	100	2.06	CAD	Omega
September 10, 2019	11:29:49	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:29:49	EDT	200	2.06	CAD	TSX
September 10, 2019	11:29:49	EDT	600	2.06	CAD	TSX
September 10, 2019	11:29:49	EDT	100	2.06	CAD	Chi-X
September 10, 2019	11:29:49	EDT	400	2.06	CAD	TSX
September 10, 2019	11:29:49	EDT	500	2.06	CAD	TSX
September 10, 2019	11:29:49	EDT	300	2.06	CAD	Chi-X
September 10, 2019	11:29:49	EDT	200	2.06	CAD	Chi-X
September 10, 2019	11:29:49	EDT	200	2.06	CAD	Chi-X
September 10, 2019	11:29:49	EDT	100	2.06	CAD	Pure
September 10, 2019	11:29:49	EDT	300	2.06	CAD	Pure
September 10, 2019	11:29:49	EDT	100	2.06	CAD	Pure
September 10, 2019	11:29:49	EDT	100	2.06	CAD	Pure
September 10, 2019	11:29:50	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:29:50	EDT	200	2.05	CAD	Pure
September 10, 2019	11:30:18	EDT	400	2.05	CAD	Chi-X
September 10, 2019	11:32:39	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:32:39	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:32:39	EDT	100	2.05	CAD	Pure
September 10, 2019	11:32:39	EDT	100	2.05	CAD	Pure
September 10, 2019	11:33:32	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:33:32	EDT	100	2.05	CAD	NEO
September 10, 2019	11:33:33	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:35:34	EDT	800	2.05	CAD	TSX
September 10, 2019	11:35:34	EDT	100	2.05	CAD	TSX
September 10, 2019	11:35:34	EDT	300	2.05	CAD	TSX
September 10, 2019	11:35:40	EDT	100	2.05	CAD	NEO
September 10, 2019	11:37:56	EDT	200	2.05	CAD	TSX
September 10, 2019	11:37:56	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:38:26	EDT	100	2.05	CAD	NEO
September 10, 2019	11:39:00	EDT	100	2.05	CAD	NEO
September 10, 2019	11:39:38	EDT	100	2.05	CAD	NEO
September 10, 2019	11:40:17	EDT	100	2.05	CAD	NEO

September 10, 2019	11:41:00	EDT	100	2.05	CAD	NEO
September 10, 2019	11:47:55	EDT	100	2.055	CAD	TSX
September 10, 2019	11:47:55	EDT	100	2.06	CAD	TSX
September 10, 2019	11:47:55	EDT	2500	2.06	CAD	NEO
September 10, 2019	11:47:55	EDT	500	2.06	CAD	NEO
September 10, 2019	11:47:55	EDT	100	2.055	CAD	TSX
September 10, 2019	11:51:03	EDT	100	2.065	CAD	TSX
September 10, 2019	11:51:09	EDT	300	2.06	CAD	Chi-X
September 10, 2019	11:51:10	EDT	800	2.06	CAD	TSX
September 10, 2019	11:51:10	EDT	200	2.06	CAD	NEO
September 10, 2019	11:51:10	EDT	100	2.06	CAD	NEO
September 10, 2019	11:51:10	EDT	600	2.06	CAD	TSX
September 10, 2019	11:52:46	EDT	400	2.06	CAD	Chi-X
September 10, 2019	11:52:47	EDT	300	2.06	CAD	Chi-X
September 10, 2019	11:52:47	EDT	200	2.05	CAD	TSX
September 10, 2019	11:52:52	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:52:52	EDT	100	2.05	CAD	TSX
September 10, 2019	11:52:57	EDT	100	2.05	CAD	NEO
September 10, 2019	11:53:36	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:57:28	EDT	100	2.05	CAD	Pure
September 10, 2019	11:57:28	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:57:35	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:57:35	EDT	100	2.05	CAD	Chi-X
September 10, 2019	11:57:35	EDT	200	2.05	CAD	Chi-X
September 10, 2019	11:57:35	EDT	100	2.05	CAD	NEO
September 10, 2019	11:57:35	EDT	200	2.05	CAD	TSX
September 10, 2019	11:57:35	EDT	300	2.05	CAD	TSX
September 10, 2019	11:57:35	EDT	100	2.05	CAD	NEO
September 10, 2019	12:01:09	EDT	200	2.04	CAD	Chi-X
September 10, 2019	12:01:09	EDT	100	2.04	CAD	Chi-X
September 10, 2019	12:01:09	EDT	100	2.04	CAD	Chi-X
September 10, 2019	12:01:09	EDT	100	2.04	CAD	NEO
September 10, 2019	12:01:09	EDT	100	2.04	CAD	Chi-X
September 10, 2019	12:01:09	EDT	100	2.04	CAD	Pure
September 10, 2019	12:01:09	EDT	300	2.04	CAD	Chi-X
September 10, 2019	12:01:09	EDT	100	2.04	CAD	NEO
September 10, 2019	12:01:09	EDT	200	2.04	CAD	Chi-X
September 10, 2019	12:01:09	EDT	100	2.04	CAD	NEO
September 10, 2019	12:01:09	EDT	700	2.04	CAD	TSX
September 10, 2019	12:01:09	EDT	300	2.04	CAD	TSX
September 10, 2019	12:01:24	EDT	100	2.03	CAD	Chi-X
September 10, 2019	12:01:24	EDT	100	2.02	CAD	Pure
September 10, 2019	12:01:24	EDT	100	2.03	CAD	NEO
September 10, 2019	12:01:24	EDT	300	2.03	CAD	Chi-X
September 10, 2019	12:01:24	EDT	500	2.03	CAD	TSX
September 10, 2019	12:01:50	EDT	100	2.02	CAD	NEO
September 10, 2019	12:02:24	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:02:54	EDT	100	2	CAD	Chi-X
September 10, 2019	12:02:54	EDT	100	2	CAD	NEO
September 10, 2019	12:03:08	EDT	100	2	CAD	TSX



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September 10, 2019	12:03:22	EDT	100	1.99	CAD	Chi-X
September 10, 2019	12:06:52	EDT	100	2	CAD	NEO
September 10, 2019	12:08:21	EDT	100	2	CAD	Chi-X
September 10, 2019	12:08:21	EDT	200	2	CAD	TSX
September 10, 2019	12:10:00	EDT	100	2	CAD	Chi-X
September 10, 2019	12:11:58	EDT	200	2.01	CAD	Chi-X
September 10, 2019	12:14:55	EDT	200	2.01	CAD	NEO
September 10, 2019	12:14:55	EDT	100	2.01	CAD	NEO
September 10, 2019	12:15:42	EDT	200	2.02	CAD	TSX
September 10, 2019	12:15:42	EDT	800	2.02	CAD	TSX
September 10, 2019	12:15:42	EDT	900	2.02	CAD	TSX
September 10, 2019	12:18:39	EDT	600	2.03	CAD	TSX
September 10, 2019	12:19:45	EDT	100	2.035	CAD	TriAct
September 10, 2019	12:20:55	EDT	400	2.04	CAD	Chi-X
September 10, 2019	12:20:56	EDT	1000	2.04	CAD	Chi-X
September 10, 2019	12:23:27	EDT	100	2.03	CAD	NEO
September 10, 2019	12:25:57	EDT	100	2.04	CAD	NEO
September 10, 2019	12:26:15	EDT	600	2.05	CAD	Chi-X
September 10, 2019	12:26:15	EDT	600	2.05	CAD	NEO
September 10, 2019	12:32:04	EDT	100	2.04	CAD	Omega
September 10, 2019	12:32:04	EDT	100	2.04	CAD	Pure
September 10, 2019	12:32:04	EDT	100	2.04	CAD	Pure
September 10, 2019	12:32:04	EDT	100	2.04	CAD	Chi-X
September 10, 2019	12:32:04	EDT	100	2.04	CAD	Omega
September 10, 2019	12:32:04	EDT	100	2.04	CAD	NEO
September 10, 2019	12:32:04	EDT	100	2.04	CAD	NEO
September 10, 2019	12:33:08	EDT	100	2.04	CAD	Pure
September 10, 2019	12:33:08	EDT	100	2.04	CAD	Chi-X
September 10, 2019	12:33:08	EDT	100	2.04	CAD	NEO
September 10, 2019	12:33:08	EDT	100	2.04	CAD	Chi-X
September 10, 2019	12:33:08	EDT	300	2.04	CAD	Chi-X
September 10, 2019	12:33:08	EDT	100	2.04	CAD	NEO
September 10, 2019	12:33:08	EDT	100	2.04	CAD	Chi-X
September 10, 2019	12:33:08	EDT	100	2.04	CAD	NEO
September 10, 2019	12:33:08	EDT	500	2.04	CAD	TSX
September 10, 2019	12:33:08	EDT	100	2.04	CAD	TSX
September 10, 2019	12:33:08	EDT	300	2.04	CAD	TSX
September 10, 2019	12:33:08	EDT	100	2.04	CAD	TSX
September 10, 2019	12:33:08	EDT	400	2.04	CAD	TSX
September 10, 2019	12:33:08	EDT	200	2.04	CAD	NEO
September 10, 2019	12:33:08	EDT	200	2.04	CAD	NEO
September 10, 2019	12:33:08	EDT	100	2.04	CAD	NEO
September 10, 2019	12:40:10	EDT	100	2.03	CAD	Omega
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Chi-X
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Chi-X
September 10, 2019	12:42:58	EDT	100	2.03	CAD	TSX
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Chi-X
September 10, 2019	12:42:58	EDT	100	2.03	CAD	TSX
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Chi-X

September 10, 2019	12:42:58	EDT	100	2.03	CAD	Chi-X
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Chi-X
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Pure
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Pure
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	Pure
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:42:58	EDT	100	2.03	CAD	NEO
September 10, 2019	12:44:57	EDT	100	2.02	CAD	Chi-X
September 10, 2019	12:44:57	EDT	100	2.02	CAD	NEO
September 10, 2019	12:44:57	EDT	100	2.02	CAD	Chi-X
September 10, 2019	12:44:57	EDT	200	2.02	CAD	TSX
September 10, 2019	12:44:57	EDT	100	2.02	CAD	Pure
September 10, 2019	12:44:57	EDT	100	2.02	CAD	NEO
September 10, 2019	12:44:57	EDT	100	2.02	CAD	Pure
September 10, 2019	12:44:57	EDT	100	2.02	CAD	NEO
September 10, 2019	12:45:54	EDT	100	2.01	CAD	NEO
September 10, 2019	12:45:54	EDT	100	2.01	CAD	Pure
September 10, 2019	12:45:54	EDT	100	2.01	CAD	Pure
September 10, 2019	12:45:54	EDT	100	2.01	CAD	NEO
September 10, 2019	12:45:54	EDT	100	2.01	CAD	NEO
September 10, 2019	12:46:13	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:46:30	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:46:45	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:47:13	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:51:13	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:51:32	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:51:47	EDT	100	2.01	CAD	Chi-X
September 10, 2019	12:58:01	EDT	100	2.02	CAD	Chi-X
September 10, 2019	12:58:01	EDT	100	2.02	CAD	NEO
September 10, 2019	12:58:01	EDT	100	2.02	CAD	Chi-X
September 10, 2019	12:58:01	EDT	100	2.02	CAD	Pure
September 10, 2019	12:58:01	EDT	100	2.02	CAD	NEO
September 10, 2019	12:58:01	EDT	100	2.02	CAD	NEO
September 10, 2019	12:58:01	EDT	200	2.02	CAD	Chi-X
September 10, 2019	12:58:01	EDT	100	2.02	CAD	Chi-X
September 10, 2019	12:58:02	EDT	100	2.02	CAD	Chi-X
September 10, 2019	13:00:05	EDT	100	2.02	CAD	TSX
September 10, 2019	13:00:05	EDT	100	2.02	CAD	NEO
September 10, 2019	13:00:05	EDT	100	2.02	CAD	TSX

September 10, 2019	13:00:05	EDT	300	2.02	CAD	TSX
September 10, 2019	13:00:05	EDT	100	2.02	CAD	TSX
September 10, 2019	13:00:05	EDT	200	2.02	CAD	Chi-X
September 10, 2019	13:00:06	EDT	100	2.01	CAD	TSX
September 10, 2019	13:00:06	EDT	100	2.01	CAD	Chi-X
September 10, 2019	13:00:06	EDT	100	2.01	CAD	Pure
September 10, 2019	13:00:06	EDT	100	2.01	CAD	Chi-X
September 10, 2019	13:00:09	EDT	100	2.01	CAD	Chi-X
September 10, 2019	13:00:09	EDT	100	2.01	CAD	Chi-X
September 10, 2019	13:00:09	EDT	100	2.01	CAD	NEO
September 10, 2019	13:00:09	EDT	100	2.01	CAD	NEO
September 10, 2019	13:07:21	EDT	200	2	CAD	TSX
September 10, 2019	13:07:21	EDT	100	2	CAD	Chi-X
September 10, 2019	13:07:21	EDT	100	2	CAD	Chi-X
September 10, 2019	13:07:21	EDT	100	2	CAD	Chi-X
September 10, 2019	13:07:21	EDT	100	2	CAD	Pure
September 10, 2019	13:07:21	EDT	100	2	CAD	Pure
September 10, 2019	13:07:21	EDT	100	2	CAD	NEO
September 10, 2019	13:07:21	EDT	100	2	CAD	NEO
September 10, 2019	13:09:53	EDT	100	1.99	CAD	NEO
September 10, 2019	13:09:53	EDT	100	1.99	CAD	Chi-X
September 10, 2019	13:09:53	EDT	100	1.99	CAD	Pure
September 10, 2019	13:11:20	EDT	100	1.99	CAD	Chi-X
September 10, 2019	13:11:20	EDT	100	1.99	CAD	Pure
September 10, 2019	13:11:20	EDT	100	1.99	CAD	Pure
September 10, 2019	13:11:20	EDT	100	1.99	CAD	Chi-X
September 10, 2019	13:12:28	EDT	100	1.99	CAD	Pure
September 10, 2019	13:12:28	EDT	100	1.99	CAD	NEO
September 10, 2019	13:12:28	EDT	100	1.99	CAD	NEO
September 10, 2019	13:12:28	EDT	100	1.99	CAD	NEO
September 10, 2019	13:15:21	EDT	100	2	CAD	Chi-X
September 10, 2019	13:16:01	EDT	100	2	CAD	NEO
September 10, 2019	13:21:24	EDT	400	2.01	CAD	TSX
September 10, 2019	13:21:24	EDT	1300	2.01	CAD	Chi-X
September 10, 2019	13:21:24	EDT	100	2.01	CAD	TSX
September 10, 2019	13:21:24	EDT	100	2.01	CAD	TSX
September 10, 2019	13:21:37	EDT	100	2.01	CAD	Chi-X
September 10, 2019	13:21:50	EDT	100	2.01	CAD	NEO
September 10, 2019	13:21:53	EDT	100	2.01	CAD	Chi-X
September 10, 2019	13:21:53	EDT	100	2.01	CAD	Chi-X
September 10, 2019	13:25:12	EDT	100	2	CAD	Chi-X
September 10, 2019	13:35:34	EDT	1300	2.02	CAD	NEO
September 10, 2019	13:35:34	EDT	1300	2.02	CAD	NEO
September 10, 2019	13:35:34	EDT	1700	2.02	CAD	Pure
September 10, 2019	13:39:45	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:40:12	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:40:33	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:40:56	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:41:19	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:41:41	EDT	200	2.015	CAD	Chi-X

September 10, 2019	13:42:14	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:43:18	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:43:54	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:47:35	EDT	400	2.02	CAD	TSX
September 10, 2019	13:47:35	EDT	1000	2.02	CAD	TSX
September 10, 2019	13:47:35	EDT	600	2.02	CAD	TSX
September 10, 2019	13:51:24	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:51:29	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:51:34	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:51:40	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:51:43	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:51:43	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:51:58	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:52:38	EDT	200	2.015	CAD	Chi-X
September 10, 2019	13:53:20	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:53:36	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:53:53	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:54:12	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:54:34	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:54:56	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:55:11	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:55:26	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:55:35	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:56:54	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:56:57	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:57:00	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:57:01	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:57:16	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:57:31	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:57:46	EDT	100	2.015	CAD	Chi-X
September 10, 2019	13:59:51	EDT	100	2.01	CAD	Chi-X
September 10, 2019	14:00:19	EDT	400	2.02	CAD	TSX
September 10, 2019	14:00:19	EDT	400	2.02	CAD	TSX
September 10, 2019	14:00:19	EDT	1400	2.02	CAD	TSX
September 10, 2019	14:03:30	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:03:50	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:04:09	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:04:27	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:04:46	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:05:02	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:05:18	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:05:26	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:05:37	EDT	100	2.015	CAD	Chi-X
September 10, 2019	14:06:55	EDT	700	2.02	CAD	Chi-X
September 10, 2019	14:06:55	EDT	1000	2.02	CAD	Chi-X
September 10, 2019	14:09:55	EDT	1000	2.02	CAD	Chi-X
September 10, 2019	14:09:55	EDT	300	2.02	CAD	Chi-X
September 10, 2019	14:10:45	EDT	100	2.02	CAD	Pure
September 10, 2019	14:13:43	EDT	100	2.025	CAD	Chi-X
September 10, 2019	14:15:07	EDT	100	2.02	CAD	Chi-X

September 10, 2019	14:17:32	EDT	400	2.03	CAD	TSX
September 10, 2019	14:17:32	EDT	1000	2.03	CAD	TSX
September 10, 2019	14:17:32	EDT	300	2.03	CAD	TSX
September 10, 2019	14:17:32	EDT	100	2.03	CAD	TSX
September 10, 2019	14:19:06	EDT	100	2.02	CAD	NEO
September 10, 2019	14:22:13	EDT	100	2.02	CAD	NEO
September 10, 2019	14:22:34	EDT	300	2.03	CAD	TSX
September 10, 2019	14:22:34	EDT	600	2.03	CAD	TSX
September 10, 2019	14:22:34	EDT	200	2.03	CAD	TSX
September 10, 2019	14:22:34	EDT	500	2.03	CAD	TSX
September 10, 2019	14:25:50	EDT	1300	2.03	CAD	TSX
September 10, 2019	14:28:35	EDT	100	2.02	CAD	Omega
September 10, 2019	14:32:12	EDT	1000	2.03	CAD	Chi-X
September 10, 2019	14:32:12	EDT	300	2.03	CAD	Chi-X
September 10, 2019	14:32:12	EDT	200	2.03	CAD	Chi-X
September 10, 2019	14:35:59	EDT	200	2.03	CAD	Chi-X
September 10, 2019	14:35:59	EDT	300	2.03	CAD	TSX
September 10, 2019	14:35:59	EDT	800	2.03	CAD	Chi-X
September 10, 2019	14:36:23	EDT	100	2.02	CAD	Pure
September 10, 2019	14:36:23	EDT	100	2.02	CAD	Pure
September 10, 2019	14:36:23	EDT	100	2.02	CAD	Pure
September 10, 2019	14:45:45	EDT	500	2.03	CAD	Chi-X
September 10, 2019	14:45:45	EDT	1300	2.03	CAD	Chi-X
September 10, 2019	14:45:45	EDT	200	2.03	CAD	Chi-X
September 10, 2019	14:45:45	EDT	300	2.03	CAD	Chi-X
September 10, 2019	14:45:45	EDT	100	2.03	CAD	Chi-X
September 10, 2019	14:45:45	EDT	300	2.03	CAD	Chi-X
September 10, 2019	14:49:01	EDT	2000	2.03	CAD	NEO
September 10, 2019	14:50:01	EDT	100	2.02	CAD	NEO
September 10, 2019	14:50:01	EDT	200	2.02	CAD	NEO
September 10, 2019	14:50:01	EDT	100	2.02	CAD	NEO
September 10, 2019	14:50:01	EDT	100	2.02	CAD	NEO
September 10, 2019	14:51:54	EDT	100	2.02	CAD	Pure
September 10, 2019	14:51:54	EDT	100	2.02	CAD	Pure
September 10, 2019	14:53:27	EDT	100	2.025	CAD	TSX
September 10, 2019	14:53:34	EDT	100	2.02	CAD	NEO
September 10, 2019	14:53:34	EDT	100	2.02	CAD	NEO
September 10, 2019	14:53:34	EDT	200	2.02	CAD	NEO
September 10, 2019	14:53:34	EDT	100	2.02	CAD	NEO
September 10, 2019	14:53:34	EDT	100	2.02	CAD	NEO
September 10, 2019	14:53:34	EDT	100	2.02	CAD	Pure
September 10, 2019	14:53:34	EDT	100	2.02	CAD	Omega
September 10, 2019	14:56:29	EDT	100	2.02	CAD	NEO
September 10, 2019	14:58:49	EDT	100	2.02	CAD	Pure
September 10, 2019	14:59:45	EDT	1100	2.03	CAD	NEO
September 10, 2019	14:59:45	EDT	200	2.03	CAD	Chi-X
September 10, 2019	14:59:45	EDT	1200	2.03	CAD	Chi-X
September 10, 2019	14:59:45	EDT	100	2.03	CAD	Chi-X
September 10, 2019	15:00:19	EDT	100	2.02	CAD	Pure
September 10, 2019	15:00:19	EDT	100	2.02	CAD	Chi-X
September 10, 2019	15:00:19	EDT	100	2.02	CAD	Chi-X

September 10, 2019	15:00:19	EDT	100	2.02	CAD	NEO
September 10, 2019	15:00:19	EDT	300	2.02	CAD	Chi-X
September 10, 2019	15:00:19	EDT	200	2.02	CAD	Chi-X
September 10, 2019	15:00:19	EDT	200	2.02	CAD	Chi-X
September 10, 2019	15:01:04	EDT	1000	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	400	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	1000	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	600	2.03	CAD	NEO
September 10, 2019	15:01:04	EDT	100	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	2300	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	800	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	300	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	1600	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	5900	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	600	2.03	CAD	TSX
September 10, 2019	15:01:04	EDT	25	2.03	CAD	TSX
September 11, 2019	09:31:02	EDT	500	2.06	CAD	Chi-X
September 11, 2019	09:31:02	EDT	200	2.06	CAD	NEO
September 11, 2019	09:31:02	EDT	800	2.06	CAD	TSX
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:32:45	EDT	100	2.06	CAD	TSX
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:32:45	EDT	200	2.06	CAD	TSX
September 11, 2019	09:32:45	EDT	200	2.06	CAD	TSX
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:32:45	EDT	100	2.06	CAD	NEO
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Pure
September 11, 2019	09:32:45	EDT	100	2.06	CAD	NEO
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Pure
September 11, 2019	09:32:45	EDT	100	2.06	CAD	NEO
September 11, 2019	09:32:45	EDT	100	2.06	CAD	Pure
September 11, 2019	09:32:45	EDT	100	2.06	CAD	NEO
September 11, 2019	09:32:45	EDT	100	2.06	CAD	NEO
September 11, 2019	09:32:45	EDT	100	2.06	CAD	NEO
September 11, 2019	09:32:45	EDT	100	2.06	CAD	NEO
September 11, 2019	09:33:38	EDT	100	2.07	CAD	Chi-X
September 11, 2019	09:33:38	EDT	200	2.07	CAD	TSX
September 11, 2019	09:33:38	EDT	100	2.07	CAD	NEO
September 11, 2019	09:33:45	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:33:45	EDT	100	2.06	CAD	Pure
September 11, 2019	09:35:08	EDT	100	2.06	CAD	TSX
September 11, 2019	09:35:08	EDT	100	2.06	CAD	Chi-X
September 11, 2019	09:35:10	EDT	100	2.05	CAD	NEO
September 11, 2019	09:35:10	EDT	100	2.05	CAD	Pure
September 11, 2019	09:35:10	EDT	400	2.05	CAD	TSX
September 11, 2019	09:35:10	EDT	100	2.05	CAD	Chi-X
September 11, 2019	09:35:10	EDT	100	2.05	CAD	NEO

September 11, 2019	09:35:10	EDT	200	2.05	CAD	Chi-X
September 11, 2019	09:35:31	EDT	100	2.04	CAD	NEO
September 11, 2019	09:36:03	EDT	100	2.03	CAD	NEO
September 11, 2019	09:36:41	EDT	100	2.03	CAD	NEO
September 11, 2019	09:36:47	EDT	100	2.02	CAD	Chi-X
September 11, 2019	09:36:47	EDT	100	2.02	CAD	Pure
September 11, 2019	09:36:52	EDT	100	2.02	CAD	NEO
September 11, 2019	09:38:30	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:38:30	EDT	200	2.04	CAD	TSX
September 11, 2019	09:38:31	EDT	100	2.04	CAD	NEO
September 11, 2019	09:43:10	EDT	100	2.04	CAD	NEO
September 11, 2019	09:44:34	EDT	200	2.04	CAD	TSX
September 11, 2019	09:44:34	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:44:34	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:44:34	EDT	100	2.04	CAD	NEO
September 11, 2019	09:45:10	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:45:10	EDT	100	2.04	CAD	Pure
September 11, 2019	09:49:34	EDT	700	2.05	CAD	TSX
September 11, 2019	09:49:34	EDT	100	2.05	CAD	Chi-X
September 11, 2019	09:49:34	EDT	100	2.05	CAD	Pure
September 11, 2019	09:49:34	EDT	300	2.05	CAD	Chi-X
September 11, 2019	09:49:34	EDT	500	2.05	CAD	NEO
September 11, 2019	09:49:34	EDT	100	2.05	CAD	NEO
September 11, 2019	09:51:42	EDT	100	2.04	CAD	NEO
September 11, 2019	09:51:42	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:51:42	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:51:42	EDT	100	2.04	CAD	TSX
September 11, 2019	09:51:42	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:51:42	EDT	200	2.04	CAD	TSX
September 11, 2019	09:51:42	EDT	100	2.04	CAD	NEO
September 11, 2019	09:51:47	EDT	100	2.03	CAD	Pure
September 11, 2019	09:53:17	EDT	100	2.04	CAD	Chi-X
September 11, 2019	09:53:17	EDT	100	2.04	CAD	Pure
September 11, 2019	09:53:17	EDT	100	2.04	CAD	NEO
September 11, 2019	09:55:13	EDT	100	2.03	CAD	Pure
September 11, 2019	09:55:13	EDT	100	2.03	CAD	Pure
September 11, 2019	09:55:13	EDT	100	2.03	CAD	NEO
September 11, 2019	09:55:13	EDT	100	2.03	CAD	Pure
September 11, 2019	09:55:13	EDT	100	2.03	CAD	Pure
September 11, 2019	09:56:50	EDT	100	2.03	CAD	Chi-X
September 11, 2019	09:56:51	EDT	100	2.02	CAD	Chi-X
September 11, 2019	09:56:51	EDT	100	2.02	CAD	Pure
September 11, 2019	09:57:00	EDT	100	2.02	CAD	NEO
September 11, 2019	10:00:23	EDT	100	2.02	CAD	NEO
September 11, 2019	10:02:33	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:02:33	EDT	200	2.03	CAD	TSX
September 11, 2019	10:02:33	EDT	100	2.03	CAD	Chi-X
September 11, 2019	10:02:33	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:02:33	EDT	100	2.03	CAD	NEO
September 11, 2019	10:02:33	EDT	100	2.02	CAD	Pure

September 11, 2019	10:02:33	EDT	100	2.02	CAD	Pure
September 11, 2019	10:02:33	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:03:13	EDT	100	2.02	CAD	NEO
September 11, 2019	10:05:12	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:05:12	EDT	100	2.02	CAD	Pure
September 11, 2019	10:05:12	EDT	100	2.02	CAD	Pure
September 11, 2019	10:05:12	EDT	100	2.02	CAD	NEO
September 11, 2019	10:05:12	EDT	100	2.02	CAD	TSX
September 11, 2019	10:05:12	EDT	100	2.02	CAD	NEO
September 11, 2019	10:05:12	EDT	100	2.02	CAD	NEO
September 11, 2019	10:08:31	EDT	100	2.03	CAD	Chi-X
September 11, 2019	10:08:33	EDT	100	2.03	CAD	Chi-X
September 11, 2019	10:08:33	EDT	100	2.03	CAD	TSX
September 11, 2019	10:08:33	EDT	100	2.03	CAD	NEO
September 11, 2019	10:08:34	EDT	100	2.02	CAD	Pure
September 11, 2019	10:08:48	EDT	100	2.02	CAD	NEO
September 11, 2019	10:11:37	EDT	100	2.02	CAD	NEO
September 11, 2019	10:14:24	EDT	100	2.02	CAD	NEO
September 11, 2019	10:15:43	EDT	100	2.02	CAD	NEO
September 11, 2019	10:15:43	EDT	100	2.02	CAD	NEO
September 11, 2019	10:15:43	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:15:43	EDT	100	2.02	CAD	Pure
September 11, 2019	10:15:43	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:15:43	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:15:43	EDT	100	2.02	CAD	Omega
September 11, 2019	10:15:43	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:18:57	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:18:57	EDT	100	2.02	CAD	Pure
September 11, 2019	10:19:31	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:19:31	EDT	200	2.02	CAD	TSX
September 11, 2019	10:19:31	EDT	300	2.02	CAD	TSX
September 11, 2019	10:19:31	EDT	100	2.02	CAD	TSX
September 11, 2019	10:19:31	EDT	100	2.02	CAD	NEO
September 11, 2019	10:19:32	EDT	100	2.01	CAD	NEO
September 11, 2019	10:20:16	EDT	100	2	CAD	Chi-X
September 11, 2019	10:20:16	EDT	100	2	CAD	NEO
September 11, 2019	10:20:16	EDT	400	2	CAD	TSX
September 11, 2019	10:20:16	EDT	100	2	CAD	Pure
September 11, 2019	10:24:43	EDT	100	2.01	CAD	Chi-X
September 11, 2019	10:27:30	EDT	100	2.01	CAD	Omega
September 11, 2019	10:30:00	EDT	100	2.01	CAD	Pure
September 11, 2019	10:30:00	EDT	100	2.01	CAD	Chi-X
September 11, 2019	10:30:00	EDT	100	2.01	CAD	Chi-X
September 11, 2019	10:30:00	EDT	200	2.01	CAD	NEO
September 11, 2019	10:30:00	EDT	100	2.01	CAD	NEO
September 11, 2019	10:30:00	EDT	100	2.01	CAD	Pure
September 11, 2019	10:32:04	EDT	100	2.02	CAD	Pure
September 11, 2019	10:32:04	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:32:04	EDT	100	2.02	CAD	NEO
September 11, 2019	10:32:04	EDT	100	2.02	CAD	Chi-X



September 11, 2019	10:32:04	EDT	600	2.02	CAD	TSX
September 11, 2019	10:32:04	EDT	100	2.02	CAD	NEO
September 11, 2019	10:32:04	EDT	100	2.02	CAD	Pure
September 11, 2019	10:32:04	EDT	300	2.02	CAD	TSX
September 11, 2019	10:32:04	EDT	300	2.02	CAD	NEO
September 11, 2019	10:32:04	EDT	300	2.02	CAD	Chi-X
September 11, 2019	10:32:04	EDT	100	2.02	CAD	NEO
September 11, 2019	10:32:04	EDT	100	2.02	CAD	Chi-X
September 11, 2019	10:32:06	EDT	100	2.01	CAD	Pure
September 11, 2019	10:33:56	EDT	100	2	CAD	Pure
September 11, 2019	10:34:04	EDT	100	2	CAD	Chi-X
September 11, 2019	10:34:04	EDT	100	2	CAD	NEO
September 11, 2019	10:34:04	EDT	100	2	CAD	TSX
September 11, 2019	10:34:04	EDT	100	2	CAD	TSX
September 11, 2019	10:35:16	EDT	100	1.99	CAD	NEO
September 11, 2019	10:39:11	EDT	100	1.99	CAD	Chi-X
September 11, 2019	10:41:23	EDT	100	1.99	CAD	Chi-X
September 11, 2019	10:41:23	EDT	100	1.99	CAD	NEO
September 11, 2019	10:41:23	EDT	100	1.99	CAD	NEO
September 11, 2019	10:41:23	EDT	100	1.99	CAD	NEO
September 11, 2019	10:42:27	EDT	100	1.99	CAD	NEO
September 11, 2019	10:43:53	EDT	100	1.99	CAD	Chi-X
September 11, 2019	10:46:23	EDT	200	2	CAD	NEO
September 11, 2019	10:48:43	EDT	100	2	CAD	Chi-X
September 11, 2019	10:48:43	EDT	100	2	CAD	Chi-X
September 11, 2019	10:48:43	EDT	100	2	CAD	Pure
September 11, 2019	10:48:43	EDT	100	2	CAD	Pure
September 11, 2019	10:48:43	EDT	100	2	CAD	Omega
September 11, 2019	10:48:43	EDT	300	2	CAD	Chi-X
September 11, 2019	10:48:43	EDT	100	2	CAD	Chi-X
September 11, 2019	10:48:43	EDT	600	2	CAD	TSX
September 11, 2019	10:48:43	EDT	100	2	CAD	NEO
September 11, 2019	10:48:43	EDT	200	2	CAD	TSX
September 11, 2019	10:48:43	EDT	100	2	CAD	NEO
September 11, 2019	10:48:43	EDT	100	2	CAD	NEO
September 11, 2019	10:48:43	EDT	100	2	CAD	NEO
September 11, 2019	10:52:29	EDT	100	1.99	CAD	NEO
September 11, 2019	10:52:29	EDT	100	1.99	CAD	NEO
September 11, 2019	10:54:23	EDT	100	1.99	CAD	NEO
September 11, 2019	10:54:23	EDT	100	1.99	CAD	NEO
September 11, 2019	10:54:23	EDT	100	1.99	CAD	NEO
September 11, 2019	10:54:23	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:01:21	EDT	100	1.99	CAD	NEO
September 11, 2019	11:01:21	EDT	100	1.99	CAD	NEO
September 11, 2019	11:01:55	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:01:55	EDT	100	1.99	CAD	NEO
September 11, 2019	11:01:55	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:02:13	EDT	100	1.99	CAD	Omega
September 11, 2019	11:03:27	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:03:41	EDT	100	1.99	CAD	Chi-X

September 11, 2019	11:05:14	EDT	300	2	CAD	TSX
September 11, 2019	11:05:14	EDT	100	2	CAD	TSX
September 11, 2019	11:05:14	EDT	900	2	CAD	TSX
September 11, 2019	11:08:38	EDT	800	2	CAD	NEO
September 11, 2019	11:08:38	EDT	400	2	CAD	NEO
September 11, 2019	11:12:49	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:12:49	EDT	100	1.99	CAD	Pure
September 11, 2019	11:12:49	EDT	100	1.99	CAD	Pure
September 11, 2019	11:12:49	EDT	100	1.99	CAD	Pure
September 11, 2019	11:12:49	EDT	100	1.99	CAD	Pure
September 11, 2019	11:12:49	EDT	100	1.99	CAD	Pure
September 11, 2019	11:12:49	EDT	100	1.995	CAD	TriAct
September 11, 2019	11:12:49	EDT	100	1.99	CAD	Pure
September 11, 2019	11:12:54	EDT	100	1.99	CAD	NEO
September 11, 2019	11:12:54	EDT	100	1.99	CAD	NEO
September 11, 2019	11:12:54	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:12:54	EDT	100	1.99	CAD	NEO
September 11, 2019	11:12:54	EDT	100	1.99	CAD	NEO
September 11, 2019	11:12:54	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:04	EDT	100	1.99	CAD	Omega
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Pure
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Pure
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Pure
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Pure
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:10	EDT	100	1.99	CAD	TSX
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:10	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:11	EDT	200	1.99	CAD	TSX
September 11, 2019	11:20:11	EDT	400	1.99	CAD	TSX
September 11, 2019	11:20:11	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:11	EDT	100	1.99	CAD	Chi-X
September 11, 2019	11:20:11	EDT	200	1.99	CAD	Chi-X
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:20:11	EDT	100	1.99	CAD	NEO
September 11, 2019	11:22:00	EDT	100	1.98	CAD	NEO
September 11, 2019	11:28:10	EDT	100	1.98	CAD	Chi-X
September 11, 2019	11:28:16	EDT	100	1.98	CAD	Chi-X

September 11, 2019	11:28:16	EDT	100	1.98	CAD	Chi-X
September 11, 2019	11:28:16	EDT	100	1.98	CAD	Pure
September 11, 2019	11:28:16	EDT	100	1.98	CAD	Pure
September 11, 2019	11:28:16	EDT	100	1.98	CAD	Pure
September 11, 2019	11:28:16	EDT	100	1.98	CAD	Pure
September 11, 2019	11:28:16	EDT	100	1.98	CAD	Pure
September 11, 2019	11:28:47	EDT	100	1.98	CAD	NEO
September 11, 2019	11:28:47	EDT	100	1.98	CAD	NEO
September 11, 2019	11:28:47	EDT	100	1.98	CAD	NEO
September 11, 2019	11:28:47	EDT	100	1.98	CAD	Chi-X
September 11, 2019	11:28:47	EDT	100	1.98	CAD	NEO
September 11, 2019	11:28:47	EDT	100	1.98	CAD	NEO
September 11, 2019	11:28:49	EDT	100	1.97	CAD	Chi-X
September 11, 2019	11:30:25	EDT	100	1.97	CAD	Chi-X
September 11, 2019	11:30:27	EDT	100	1.97	CAD	NEO
September 11, 2019	11:30:27	EDT	100	1.97	CAD	NEO
September 11, 2019	11:36:51	EDT	100	1.97	CAD	Chi-X
September 11, 2019	11:36:51	EDT	100	1.97	CAD	Chi-X
September 11, 2019	11:39:35	EDT	600	1.98	CAD	NEO
September 11, 2019	11:39:35	EDT	300	1.98	CAD	NEO
September 11, 2019	11:39:51	EDT	100	1.97	CAD	Pure
September 11, 2019	11:39:51	EDT	100	1.97	CAD	Pure
September 11, 2019	11:39:51	EDT	100	1.97	CAD	Pure
September 11, 2019	11:39:51	EDT	100	1.97	CAD	Pure
September 11, 2019	11:39:51	EDT	100	1.97	CAD	NEO
September 11, 2019	11:40:00	EDT	100	1.97	CAD	Chi-X
September 11, 2019	11:40:00	EDT	100	1.97	CAD	Chi-X
September 11, 2019	11:40:00	EDT	200	1.97	CAD	TSX
September 11, 2019	11:40:00	EDT	100	1.97	CAD	NEO
September 11, 2019	11:40:00	EDT	100	1.97	CAD	NEO
September 11, 2019	11:40:00	EDT	100	1.97	CAD	NEO
September 11, 2019	11:40:37	EDT	100	1.96	CAD	NEO
September 11, 2019	11:40:43	EDT	100	1.95	CAD	NEO
September 11, 2019	11:41:57	EDT	100	1.95	CAD	Pure
September 11, 2019	11:41:57	EDT	100	1.95	CAD	NEO
September 11, 2019	11:43:02	EDT	100	1.94	CAD	Pure
September 11, 2019	11:43:46	EDT	100	1.94	CAD	Chi-X
September 11, 2019	11:52:42	EDT	100	1.94	CAD	Pure
September 11, 2019	11:52:42	EDT	100	1.94	CAD	Pure
September 11, 2019	11:53:02	EDT	100	1.94	CAD	Pure
September 11, 2019	11:53:48	EDT	100	1.94	CAD	Chi-X
September 11, 2019	11:53:48	EDT	100	1.94	CAD	Chi-X
September 11, 2019	11:53:48	EDT	100	1.94	CAD	Chi-X
September 11, 2019	11:53:48	EDT	100	1.94	CAD	NEO
September 11, 2019	11:53:48	EDT	100	1.94	CAD	NEO
September 11, 2019	11:53:48	EDT	100	1.94	CAD	NEO
September 11, 2019	11:53:48	EDT	100	1.94	CAD	NEO
September 11, 2019	11:53:48	EDT	100	1.94	CAD	NEO
September 11, 2019	11:54:48	EDT	100	1.93	CAD	Pure

September 11, 2019	12:01:11	EDT	100	1.93	CAD	NEO
September 11, 2019	12:02:25	EDT	100	1.93	CAD	NEO
September 11, 2019	12:02:25	EDT	100	1.93	CAD	NEO
September 11, 2019	12:02:25	EDT	100	1.93	CAD	NEO
September 11, 2019	12:05:55	EDT	200	1.96	CAD	Omega
September 11, 2019	12:05:55	EDT	400	1.96	CAD	NEO
September 11, 2019	12:05:55	EDT	200	1.96	CAD	Omega
September 11, 2019	12:06:31	EDT	100	1.95	CAD	Chi-X
September 11, 2019	12:06:38	EDT	100	1.95	CAD	Omega
September 11, 2019	12:06:38	EDT	100	1.95	CAD	NEO
September 11, 2019	12:09:25	EDT	100	1.96	CAD	Pure
September 11, 2019	12:11:46	EDT	100	1.96	CAD	Chi-X
September 11, 2019	12:11:46	EDT	100	1.96	CAD	Pure
September 11, 2019	12:11:46	EDT	100	1.96	CAD	Pure
September 11, 2019	12:13:02	EDT	200	1.96	CAD	TSX
September 11, 2019	12:13:02	EDT	200	1.96	CAD	TSX
September 11, 2019	12:13:02	EDT	300	1.96	CAD	TSX
September 11, 2019	12:13:02	EDT	200	1.96	CAD	Chi-X
September 11, 2019	12:13:02	EDT	100	1.96	CAD	Chi-X
September 11, 2019	12:13:02	EDT	100	1.96	CAD	NEO
September 11, 2019	12:13:02	EDT	100	1.96	CAD	NEO
September 11, 2019	12:13:02	EDT	100	1.96	CAD	NEO
September 11, 2019	12:13:54	EDT	100	1.95	CAD	NEO
September 11, 2019	12:15:45	EDT	100	1.95	CAD	Chi-X
September 11, 2019	12:15:45	EDT	100	1.95	CAD	Pure
September 11, 2019	12:16:00	EDT	100	1.95	CAD	NEO
September 11, 2019	12:16:42	EDT	100	1.95	CAD	NEO
September 11, 2019	12:16:42	EDT	100	1.95	CAD	NEO
September 11, 2019	12:16:42	EDT	100	1.95	CAD	NEO
September 11, 2019	12:16:42	EDT	100	1.95	CAD	NEO
September 11, 2019	12:16:42	EDT	100	1.95	CAD	NEO
September 11, 2019	12:17:03	EDT	100	1.94	CAD	Chi-X
September 11, 2019	12:17:03	EDT	100	1.94	CAD	Pure
September 11, 2019	12:19:41	EDT	100	1.94	CAD	Chi-X
September 11, 2019	12:19:41	EDT	100	1.94	CAD	NEO
September 11, 2019	12:19:46	EDT	100	1.93	CAD	TSX
September 11, 2019	12:19:46	EDT	100	1.93	CAD	Chi-X
September 11, 2019	12:19:46	EDT	100	1.93	CAD	NEO
September 11, 2019	12:19:46	EDT	100	1.93	CAD	Pure
September 11, 2019	12:34:15	EDT	700	1.94	CAD	Chi-X
September 11, 2019	12:34:15	EDT	100	1.94	CAD	NEO
September 11, 2019	12:35:39	EDT	100	1.93	CAD	Pure
September 11, 2019	12:35:39	EDT	100	1.93	CAD	Pure
September 11, 2019	12:39:18	EDT	400	1.94	CAD	Pure
September 11, 2019	12:39:18	EDT	200	1.94	CAD	Pure
September 11, 2019	12:40:03	EDT	100	1.93	CAD	NEO
September 11, 2019	12:40:03	EDT	100	1.93	CAD	Pure
September 11, 2019	12:40:03	EDT	100	1.93	CAD	Chi-X
September 11, 2019	12:40:03	EDT	100	1.93	CAD	Chi-X
September 11, 2019	12:40:03	EDT	100	1.93	CAD	Chi-X
September 11, 2019	12:40:03	EDT	100	1.93	CAD	NEO

September 11, 2019	12:40:03	EDT	100	1.93	CAD	NEO
September 11, 2019	12:40:03	EDT	100	1.93	CAD	NEO
September 11, 2019	12:40:03	EDT	100	1.93	CAD	NEO
September 11, 2019	12:42:46	EDT	100	1.92	CAD	NEO
September 11, 2019	12:42:46	EDT	100	1.92	CAD	NEO
September 11, 2019	12:47:45	EDT	100	1.92	CAD	NEO
September 11, 2019	12:47:45	EDT	100	1.92	CAD	NEO
September 11, 2019	12:47:45	EDT	100	1.92	CAD	Pure
September 11, 2019	12:47:45	EDT	100	1.92	CAD	NEO
September 11, 2019	12:47:45	EDT	100	1.92	CAD	NEO
September 11, 2019	12:49:09	EDT	100	1.92	CAD	Pure
September 11, 2019	12:50:14	EDT	100	1.92	CAD	NEO
September 11, 2019	12:56:29	EDT	100	1.92	CAD	Chi-X
September 11, 2019	12:58:53	EDT	100	1.92	CAD	Chi-X
September 11, 2019	12:58:53	EDT	100	1.92	CAD	Pure
September 11, 2019	12:58:53	EDT	100	1.92	CAD	Pure
September 11, 2019	12:58:53	EDT	100	1.92	CAD	Pure
September 11, 2019	12:58:53	EDT	100	1.92	CAD	Pure
September 11, 2019	12:58:53	EDT	100	1.92	CAD	NEO
September 11, 2019	12:58:53	EDT	100	1.92	CAD	NEO
September 11, 2019	13:06:42	EDT	300	1.93	CAD	TSX
September 11, 2019	13:06:42	EDT	100	1.93	CAD	TSX
September 11, 2019	13:11:42	EDT	100	1.92	CAD	NEO
September 11, 2019	13:15:15	EDT	100	1.92	CAD	NEO
September 11, 2019	13:22:32	EDT	300	1.93	CAD	TSX
September 11, 2019	13:22:32	EDT	1200	1.93	CAD	TSX
September 11, 2019	13:23:34	EDT	100	1.92	CAD	Chi-X
September 11, 2019	13:28:43	EDT	200	1.93	CAD	Chi-X
September 11, 2019	13:28:43	EDT	300	1.93	CAD	Pure
September 11, 2019	13:28:43	EDT	200	1.93	CAD	Pure
September 11, 2019	13:31:26	EDT	200	1.93	CAD	Pure
September 11, 2019	13:31:26	EDT	400	1.93	CAD	Chi-X
September 11, 2019	13:36:17	EDT	300	1.93	CAD	Chi-X
September 11, 2019	13:36:18	EDT	600	1.93	CAD	TSX
September 11, 2019	13:37:04	EDT	100	1.93	CAD	NEO
September 11, 2019	13:41:58	EDT	100	1.935	CAD	TriAct
September 11, 2019	13:43:50	EDT	100	1.935	CAD	Chi-X
September 11, 2019	13:46:00	EDT	100	1.935	CAD	TriAct
September 11, 2019	13:46:47	EDT	100	1.935	CAD	Chi-X
September 11, 2019	13:46:47	EDT	100	1.935	CAD	TSX
September 11, 2019	13:47:35	EDT	100	1.935	CAD	TriAct
September 11, 2019	13:47:51	EDT	100	1.935	CAD	TriAct
September 11, 2019	13:47:51	EDT	100	1.93	CAD	NEO
September 11, 2019	13:47:51	EDT	100	1.93	CAD	NEO
September 11, 2019	13:47:51	EDT	100	1.93	CAD	NEO
September 11, 2019	13:47:51	EDT	100	1.93	CAD	NEO
September 11, 2019	13:47:51	EDT	100	1.93	CAD	Pure
September 11, 2019	13:47:51	EDT	100	1.93	CAD	Pure
September 11, 2019	13:52:20	EDT	100	1.935	CAD	Chi-X
September 11, 2019	13:52:20	EDT	100	1.935	CAD	TSX

September 11, 2019	13:53:17	EDT	100	1.93	CAD	Chi-X
September 11, 2019	13:54:45	EDT	100	1.935	CAD	TriAct
September 11, 2019	13:55:32	EDT	100	1.935	CAD	Chi-X
September 11, 2019	13:55:32	EDT	100	1.935	CAD	TSX
September 11, 2019	13:57:17	EDT	100	1.935	CAD	Chi-X
September 11, 2019	13:57:17	EDT	100	1.935	CAD	TSX
September 11, 2019	13:58:19	EDT	100	1.935	CAD	Chi-X
September 11, 2019	13:59:47	EDT	100	1.93	CAD	Chi-X
September 11, 2019	14:01:00	EDT	100	1.94	CAD	Chi-X
September 11, 2019	14:01:00	EDT	600	1.94	CAD	NEO
September 11, 2019	14:01:00	EDT	400	1.94	CAD	Chi-X
September 11, 2019	14:06:05	EDT	100	1.94	CAD	Pure
September 11, 2019	14:06:05	EDT	600	1.94	CAD	NEO
September 11, 2019	14:07:08	EDT	100	1.93	CAD	Chi-X
September 11, 2019	14:07:53	EDT	100	1.935	CAD	TSX
September 11, 2019	14:08:20	EDT	100	1.935	CAD	TSX
September 11, 2019	14:08:54	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:10:01	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:10:48	EDT	100	1.935	CAD	TSX
September 11, 2019	14:11:42	EDT	100	1.935	CAD	TSX
September 11, 2019	14:13:10	EDT	100	1.935	CAD	TSX
September 11, 2019	14:13:41	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:15:26	EDT	100	1.935	CAD	TSX
September 11, 2019	14:16:45	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:17:02	EDT	100	1.93	CAD	NEO
September 11, 2019	14:17:30	EDT	100	1.93	CAD	NEO
September 11, 2019	14:21:57	EDT	100	1.93	CAD	Chi-X
September 11, 2019	14:22:43	EDT	1000	1.94	CAD	NEO
September 11, 2019	14:25:15	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:25:37	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:25:59	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:27:10	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:27:22	EDT	100	1.93	CAD	Pure
September 11, 2019	14:28:29	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:29:19	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:30:38	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:32:13	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:32:56	EDT	100	1.935	CAD	TriAct
September 11, 2019	14:32:58	EDT	100	1.93	CAD	NEO
September 11, 2019	14:32:58	EDT	100	1.93	CAD	Pure
September 11, 2019	14:33:31	EDT	100	1.93	CAD	Pure
September 11, 2019	14:33:31	EDT	100	1.93	CAD	Pure
September 11, 2019	14:34:03	EDT	100	1.93	CAD	NEO
September 11, 2019	14:37:02	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:38:37	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:43:32	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:43:32	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:43:42	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:43:51	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:45:05	EDT	100	1.945	CAD	Chi-X

September 11, 2019	14:45:52	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:46:39	EDT	400	1.95	CAD	Chi-X
September 11, 2019	14:46:39	EDT	600	1.95	CAD	NEO
September 11, 2019	14:48:40	EDT	100	1.94	CAD	Chi-X
September 11, 2019	14:50:02	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:51:04	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:51:04	EDT	100	1.945	CAD	TSX
September 11, 2019	14:54:30	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:54:43	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:55:17	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:55:17	EDT	100	1.945	CAD	TSX
September 11, 2019	14:55:42	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:56:05	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:56:05	EDT	100	1.945	CAD	TSX
September 11, 2019	14:56:41	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:56:53	EDT	100	1.945	CAD	Chi-X
September 11, 2019	14:56:53	EDT	100	1.945	CAD	TSX
September 11, 2019	14:57:41	EDT	100	1.945	CAD	TriAct
September 11, 2019	14:57:41	EDT	100	1.94	CAD	NEO
September 11, 2019	14:58:41	EDT	100	1.94	CAD	NEO
September 11, 2019	14:59:40	EDT	100	1.94	CAD	NEO
September 11, 2019	15:00:27	EDT	100	1.945	CAD	Chi-X
September 11, 2019	15:01:14	EDT	100	1.945	CAD	TriAct
September 11, 2019	15:02:01	EDT	100	1.945	CAD	Chi-X
September 11, 2019	15:02:49	EDT	100	1.945	CAD	Chi-X
September 11, 2019	15:03:29	EDT	100	1.94	CAD	NEO
September 11, 2019	15:03:29	EDT	100	1.94	CAD	NEO
September 11, 2019	15:03:29	EDT	100	1.945	CAD	TriAct
September 11, 2019	15:03:29	EDT	100	1.94	CAD	NEO
September 11, 2019	15:04:01	EDT	100	1.94	CAD	Pure
September 11, 2019	15:04:01	EDT	100	1.94	CAD	Pure
September 11, 2019	15:04:01	EDT	100	1.94	CAD	Pure
September 11, 2019	15:04:01	EDT	100	1.94	CAD	Pure
September 11, 2019	15:04:01	EDT	100	1.94	CAD	Pure
September 11, 2019	15:04:01	EDT	100	1.94	CAD	Pure
September 11, 2019	15:05:29	EDT	100	1.94	CAD	NEO
September 11, 2019	15:08:50	EDT	100	1.95	CAD	Chi-X
September 11, 2019	15:08:50	EDT	200	1.95	CAD	Pure
September 11, 2019	15:08:50	EDT	500	1.95	CAD	NEO
September 11, 2019	15:08:50	EDT	1000	1.95	CAD	Chi-X
September 11, 2019	15:08:50	EDT	1100	1.95	CAD	TSX
September 11, 2019	15:08:50	EDT	1200	1.95	CAD	TSX
September 11, 2019	15:08:50	EDT	200	1.95	CAD	Omega
September 11, 2019	15:08:50	EDT	26	1.95	CAD	TSX
September 11, 2019	15:08:50	EDT	400	1.95	CAD	Omega
September 11, 2019	15:08:59	EDT	100	1.94	CAD	Omega
September 11, 2019	15:09:30	EDT	100	1.94	CAD	Omega
September 11, 2019	15:09:34	EDT	100	1.94	CAD	Omega
September 11, 2019	15:11:11	EDT	100	1.94	CAD	Omega
September 11, 2019	15:12:24	EDT	100	1.94	CAD	Omega

September 11, 2019

15:12:48

EDT

400

1.94

CAD

Omega