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OUR FILE No. 158693 /RCS

YOUR FILE No. 1701

March 2, 2021

EMAIL TO laura.friend@nrcb.ca

Manager, Board Reviews
Natural Resources Conservation Board

Attention: Laura Friend

Dear Madam:

**Re: SCLG Time Estimates
NRCB Application No. 1701**

We act for the SR1 Concerned Landowner Group ("SCLG"). Please find below a Table setting out the names of the SCLG witnesses who will be appearing in each of the 5 Topic Blocks and a requested time estimate for the examination-in-chief of each of the witnesses:

Time Estimates for the examination-in-chief of the SCLG Witnesses		
Topic Block	SCLG Witnesses & SCLG Exhibits spoken to	Minutes per witness
Topic 1: Project Need and Justification		
i. Project purpose and need	Ms. Karin Hunter (x252, x253, x254, x255, x275)	20
ii. Social and economic project costs and benefits	Ms. Mary Robinson (x250, pdf 1-10) Dr. Karen Massey (x250, pdf 128-232)	10 10
iii. Alternatives considered	Mr. Allan and Ms. Terril Shoults (x250, pdf 78-79)	10
iv. Crown engagement with the public	Ms. Tracey Feist (x250, pdf 11-27, 53-54) Mr. Marshall Copithorne (x250, pdf 62) Ms. Debbie Vickery (x250, pdf 123-127) Ms. Vickie Tait (x250, pdf 28-29) Ms. Jan Erisman (x250, pdf 233-234)	10 10 10 10 10

	Ms. Kirstin and Mr. Bill Wallace (x250, pdf 48-49)	10
Topic 2: Crown Consultation and Land Use, specifically:	Ms. Karin Hunter (x253, x254, x255, x275)	10
i. Future land use and land use plan for the Project development area	Ms. Mary Robinson (x250, pdf 1-10) Dr. Karen Massey (x250, pdf 128-232)	10 10
ii. Historical resources	Ms. Tracey Feist (x250, pdf 11-27, 53-54)	10
Topic 3: SR1 Design, Safety and Risk	Mr. Roger Austin, P.Eng, AEL (x256, x257)	10
i. Project description (including operating plan, flood water management and reservoir capacity)	Ms. Ruth Keyes, P.Eng, AEL (x256, x257)	10
ii. Dam safety	Dr. Jon Fennell (x261, x262)	10
iii. Risk management	Dr. Dave Klepacki (x263, pdf pg.1-9, x264, x258, x265)	10
iv. Public safety, including emergency response	Mr. Ian Dowsett (x260, x261, x258, x265)	5
v. Sensitivity of project design, operation and safety elements to changes or variability in climate parameters	Mr. Allan and Ms. Terril Shoults (x250, pdf 78-79) Dr. Karen Massey (x250, pdf 128-232)	5 5
vi. Reservoir capacity	Ms. Barbara Teghtmeyer (x250 pdf 81-88) Ms. Mary Robinson (x250, pdf 1-10) Ms. Tracey Feist (x250, pdf 11-27, 53-54)	5 5 5
Topic 4: Water	Dr. Jon Fennell (x261,x262)	20
i. Hydrology	Mr. Allan Locke (x266, x267)	20
ii. Surface Water quality	Dr. Dave Klepacki (x263, pdf pg.1-9, x264, x258, x265)	10
iii. Aquatics		
iv. Hydrogeology	Ms. Tracey Feist (x250, pdf 11-27, 53-54)	5
v. Sensitivity of project water elements to changes or variability in climate parameters	Dr. Karen Massey (x250, pdf 128-232) Ms. Mary Robinson (x250, pdf 1-10)	5 5
Topic 5: Air Quality, Human Health, and Terrestrial, specifically:	Dr. Brian Zelt (x269, x270)	20
	Mr. Cliff Wallis (x271, x272)	20
	Dr. Terry Osko (x273, x274)	10
i. Air quality (including dust)	Dr. Dave Klepacki (x263, pdf pg. 10-16)	10
ii. Human Health risk assessment (including effects on country foods)	Dr. Karen Massey (x250, pdf 128-232)	10
	Ms. Mary Robinson (x250, pdf 1-10)	5
iii. Vegetation (including noxious weeds and invasive	Ms. Karin Hunter (x254, x268)	5

species)	Mr. Allan and Mr. Terril Shoultz (x250, pdf 78-79)	5
iv. Wildlife and biodiversity	Ms. Tracey Feist (x250, pdf 11-27, 53-54, x251)	5
v. Terrain and Soils.	Ms. Debbie Vickery (x250, pdf 123-127)	5
	Ms. Vickie Tait (x250, pdf 28-29)	5
	Ms. Jan Erisman (x250, pdf 233-234, x275, pdf 622-634)	5

Please find below a Table setting out SCLG's cross-examination time estimates:

SCLG cross-examination Time Estimates		
Topic Block	Witnesses	Estimate in minutes
Topic 1: Project Need and Justification i. Project purpose and need ii. Social and economic project costs and benefits iii. Alternatives considered iv. Crown engagement with the public	Alberta Transportation panel(s)	240
Topic 2: Crown Consultation and Land Use, specifically: i. Future land use and land use plan for the Project development area ii. Historical resources	Alberta Transportation panel(s)	90
Topic 3: SR1 Design, Safety and Risk i. Project description (including operating plan, flood water management and reservoir capacity) ii. Dam safety iii. Risk management iv. Public safety, including emergency response v. Sensitivity of project design, operation and safety elements to changes or variability in climate parameters vi. Reservoir capacity	Alberta Transportation panel(s) City of Calgary	360 60
Topic 4: Water i. Hydrology ii. Surface Water quality iii. Aquatics iv. Hydrogeology	Alberta Transportation panel(s)	360

v. Sensitivity of project water elements to changes or variability in climate parameters		
Topic 5: Air Quality, Human Health, and Terrestrial, specifically: i. Air quality (including dust) ii. Human Health risk assessment (including effects on country foods) iii. Vegetation (including noxious weeds and invasive species) iv. Wildlife and biodiversity v. Terrain and Soils.	Alberta Transportation panel(s)	300

Yours truly,

ACKROYD LLP

Original signed by

RICHARD C. SECORD
RCS/rcs