

SCHEDULE 23

PUBLIC SAFETY AND PUBLIC USE

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1. PROJECT CO OBLIGATIONS

1.1 Project Public Safety Management Plans

Project Co shall prepare and, in accordance with the Consent Procedure, submit to BC Hydro: (i) no later than 30 days prior to engaging in any Construction activity, a Construction Period Public Safety Management Plan; and (ii) no later than 30 days prior to Service Commencement, a Services Period Public Safety Management Plan. In preparing the Construction Period Public Safety Management Plan and Services Period Public Safety Management Plan, Project Co shall ensure that the plans:

- (a) comply with the requirements set out in Appendix 23A [*Requirements for Project Public Safety Management Plans*] to this Schedule 23 [*Public Safety and Public Use*] and the Public Safety Reference Documents;
- (b) are consistent with and take into account the Site Plan and BC Hydro Interpretative Master Site Plan; and
- (c) identify, and establish protocols to communicate to the public, Danger Zones and Warning Zones.

In performing all Project Work, Project Co shall comply with the Project Public Safety Management Plans and the requirements of this Schedule 23 [*Public Safety and Public Use*].

1.2 Modifications to Project Public Safety Management Plans

- (a) Project Co may at any time during the Term propose modifications or supplements to either of the Construction Period Public Safety Management Plan or the Services Period Public Safety Management Plan if it determines such modifications or supplements to be appropriate and in the best interests of public safety by submitting the modification or supplement, as applicable, to BC Hydro for approval in accordance with the Consent Procedure.
- (b) During the Term, Project Co shall:
 - (i) in the event of: (A) a Relevant Change in Law; (B) any lawful order by a Governmental Authority; or (C) the CEAA Approval, that require modifications or supplements to the Construction Period Public Safety Management Plan or the Services Period Public Safety Management Plan, submit such modifications or supplements as are necessary to BC Hydro for approval in accordance with the Consent Procedure; and
 - (ii) following the occurrence of a Public Safety Incident during the Term, assess its Construction Period Public Safety Management Plan and Services Period Public Safety Management Plan to determine if there are any defects or deficiencies in the plans and, if it determines there are defects or deficiencies in the plans, submit to BC Hydro for approval in accordance with the Consent Procedure such modifications or supplements as are necessary to remedy such defect or deficiency.

1.3 Siren Warning System

Project Co shall ensure that the Siren Warning System remains operable and functional throughout the Term. Project Co shall test the Siren Warning System at least monthly, unless water flows are being released or planned to be released from the Tailrace or Bypass System, in which case Project Co shall test the Siren Warning System at least weekly.

Project Co shall report all Siren Warning System test results monthly to BC Hydro in accordance with Schedule 20 [*Records and Reports*].

1.4 Public Safety Incidents

In managing the Project Public Safety Management Plans and in performing and completing all Project Work, Project Co shall manage the interface with the public at the Site to minimize the risk of Public Safety Incidences, physical harm to members of the public, damage to property or equipment of the public and material inconvenience to the public.

1.5 Public Use Trail Notices

If Project Co contemplates a need to close or restricted access to all or any portion of any Public Use Trail in order to complete any Project Work for a period exceeding: (i) twenty one (21) cumulative days beginning between April 1 and September 30, inclusive; or (ii) thirty (30) cumulative days beginning between October 1 and March 30, inclusive, during the Term, Project Co shall, twenty one (21) days prior to such closure or restricted access, submit to BC Hydro in accordance with the Consent Procedure a request for the closure or restricted access setting out the area Project Co proposes to close or restrict access to, the expected duration of the closure or restricted access and a description of the Project Work that necessitates the closure or restricted access.

Project Co shall provide to BC Hydro's Representative fourteen (14) days prior notice for any other closure or restricted access to any Public Use Trail.

1.6 Site Interpretive Plan

Project Co shall prepare and, in accordance with the Consent Procedure, submit to BC Hydro an interpretive plan for the Public Use Trails (the "**Site Interpretative Plan**"). In preparing the Site Interpretive Plan, Project Co shall ensure that the plan:

- (a) is consistent with, and builds on, the BC Hydro Interpretative Master Site Plan;
- (b) provides sufficient details with respect to materials, locations, size and numbers, of design elements to allow for public consultation as required in Schedule 11 [*Communications and Consultation*];
- (c) clearly demonstrates how public use at the Site will be routed with respect to infrastructure, operating equipment and roads including connection to and coordination with the Public Use Trails and access to the lower Campbell River;
- (d) includes as an Appendix to the plan an information map of suitable quality and sufficient detail to allow the map to be distributed as a stand-alone piece of information to the public. The map shall include details of public amenities at the Site, and driving instructions to and key features of public use facilities; and

- (e) includes the information provided by BC Hydro in the Disclosed Data related to the long-term vision of the Station View Trail and Woodstave Road Trail.

Project Co shall develop and submit to BC Hydro the Site Interpretive Plan at least 1 year prior to Total Completion or six months prior to the installation of any component or design element of the plan or the Effective Date, whichever is sooner.

1.7 Maintenance of Public Use Trails and Associated Facilities

Project Co shall, during the Term, maintain: (i) Station View Trail; (ii) Woodstave Road Trail; (iii) those portions of the Canyon View Trail and Millennium Trail on BC Hydro property; and (iv) all associated works related to such trails, in a safe and clean state in accordance with the requirements of this Schedule 23 [*Public Safety and Public Use*] and the British Columbia Ministry of Environment publication titled "Operating Area Service and Facility Maintenance Best Management Practices", including:

- (a) during the Construction Period, periodic updating of the interpretive signs on the trail at the lookout point. At a minimum, the interpretive signs at the Station View Trail lookout shall be updated for each unique stage of Construction such that the public may understand the applicable stage of Construction and its associated activities, progress, rationale, and significance;
- (b) during the Services Period, periodic updating of the interpretive signs on the trail;
- (c) regular cleaning and stocking of supplies in the outhouse. Without limiting the general requirement for Project Co to maintain the cleanliness and safe state of all trails and associated facilities, Project Co shall clean the outhouses a minimum of four (4) times per week during the annual High Public-Use Season and one (1) time per week during the annual Low Public-Use Season;
- (d) regular cleaning of trail garbage cans;
- (e) regular restocking of the dog waste bag dispensers along the trail;
- (f) addressing any erosion and drainage issues, including culvert maintenance, and maintaining and repairing pedestrian bridges; and
- (g) regular grading and surface maintenance of the publically accessible portions of Woodstave Road and its parking area.

In the event of a conflict between the BC Parks standards and the specific trail maintenance requirements set out in this Section 1.7 [*Maintenance of Public Use Trails and Associated Facilities*] of this Schedule, the specific requirements of this Section 1.7 [*Maintenance of Public Use Trails and Associated Facilities*] shall prevail.

Without limiting the foregoing, Project Co shall maintain all portions of Station View Trails located within Elk Falls Provincial Park to standards satisfactory to BC Parks.

1.8 Station View Trail

Project Co shall manage the public use interaction of persons using the Station View Trail with Construction activities, including any closures of portions of Station View Trail, as required to ensure public safety and public use in accordance with the requirements of this Schedule 23

[*Public Safety and Public Use*]. Project Co shall ensure that Station View Trail remains open for public use during the Construction Period as much as reasonably possible. In managing public use interaction with Construction activities along the portions of Station View Trail that cross construction roads, Project Co may realign or add elements to portions of the trail as it deems necessary. If Project Co engages in any such realignments or additions to Station View Trail, Project Co shall apply the standards specified for the reconstruction of the Canyon View Trail as set out in Section 1.10 [*Reconstruction of the Canyon View Trail*] of this Schedule 23 [*Public Safety and Public Use*].

1.9 Closure of Station View Trail

Project Co may close portions of the Station View Trail, including the outhouses and public parking associated with the trail, during the Construction Period if required to manage public safety. Closures of the trail shall be coordinated with BC Hydro as per the conditions specified in Schedule 11 [*Communications and Consultation*]. Project Co shall make all reasonable efforts to avoid closures of the entire trail.

1.10 Reconstruction of the Canyon View Trail

Project Co shall rebuild any closed or damaged portions of the Canyon View Trail located on the Site following the Construction Period along, or as close as is reasonably practical, to the route set out in the BC Hydro Interpretative Master Site Plan. Project Co shall ensure all design and construction of trails or portions thereof under this Schedule 23 [*Public Safety and Public Use*] is in accordance with the British Columbia Ministry of Environment publications "Park Facility Standards", dated September 15, 2005, and "Park Design Guidelines and Data" and shall include:

- (a) a 25-year Design Service Life, assuming high use where design elements do not require a significant upgrade during this period;
- (b) a design consistent with type II Post and Pamphlet foot trails, as further described in the foregoing BC Parks park design standards;
- (c) a minimum trail span width of 1.5 m on dry land;
- (d) wheelchair accessibility along the trail to the Powerhouse area, consistent with the accessibility provided as of the Effective Date, including wheelchair access to interpretive signage, viewpoints and day use areas;
- (e) a grassed day use area with at least two (2) picnic tables in close proximity to the parking lot. Project Co shall ensure the picnic area has a clear distinction and separation from parking areas and a clear and convenient connection to the Public Use Trails without requiring the public to enter the parking area;
- (f) a thirty (30) vehicle parking lot with sufficient turning area to allow access for buses of up to 12 metres in length, including a traffic counter at the entrance to the parking lot;
- (g) two (2) pit toilets marked for separate male and female use, wheelchair accessible with appropriate handrails and hooks;
- (h) a viewpoint to the river and Powerhouse that includes interpretive signs on the John Hart Generating Station's role in providing clean energy, past and present, the biology of the site, and information on BC Hydro operations;

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- (i) two (2) bear-proof garbage containers with separate containers for recyclables;
- (j) connection to those portions of the Station View Trail that are located on BC Parks property to the east and west of the Existing Powerhouse, the Station View Trail and the Fortis Gas Bridge;
- (k) a doggy waste bag dispenser at the day use area;
- (l) trail wayfinding signs at:
 - (i) entrances and exits from BC Hydro property displaying safety, wayfinding, notice of BC Hydro property boundaries and other interpretive messages;
 - (ii) junctions with other Public Use Trails;
 - (iii) at all trailheads;
 - (iv) the Station View Trail parking area;
 - (v) points of interest along the trail.

These signs shall be adjacent to but not blocking other users of the trail including small groups of users at a time;

- (m) landscaping around trail facilities in accordance with the requirements of Schedule 6 [*Design and Construction Specifications*] and the following requirements:
 - (i) landscaping shall be selected based on the objective of minimizing maintenance and upkeep, including pruning;
 - (ii) only native vegetation consistent with plant communities in adjacent undeveloped areas shall be used in landscaping unless otherwise specified in this Schedule;
 - (iii) pesticides shall not be used in the maintenance of vegetation; and
 - (iv) irrigation infrastructure shall not be installed to support landscaped areas and
- (n) a trail traffic counter.

In the event of a conflict between the BC Parks standards and the specific trail design and construction requirements set out in this Section 1.10 [*Reconstruction of the Canyon View Trail*] of this Schedule, the specific requirements of this Section 1.10 [*Reconstruction of the Canyon View Trail*] of this Schedule shall prevail.

If BC Hydro determines that the Station View Trail will be decommissioned after the Construction Period, the Canyon View Trail shall be reconstructed prior to any permanent closure of the Station View Trail.

The Canyon View Trail shall be reconstructed prior to the earlier of Total Completion and permanent closure of the Station View Trail.

1.11 Fortis Gas Bridge and Upper Station View Trail/Millennium Trail

Project Co shall provide unrestricted public access to and from the Fortis Gas Bridge to the Station View Trail and Millennium Trail. Project Co may realign portions of the Station View Trail on BC Hydro property and add elements as it deems fit, provided any such realignment or additions apply the standards specified for the reconstruction of the Station View Trail as set out in Section 1.10 [*Reconstruction of the Canyon View Trail*] of this Schedule 23 [*Public Safety and Public Use*].

Project Co shall rebuild any closed or damaged portions of the Millennium Trail located on the Site as soon as is reasonably practical

1.12 Construction Interaction with the Woodstave Road Trail

Project Co shall manage the public use interaction of persons using the Woodstave Road Trail with Construction activities, including the closure of portions of the Woodstave Road Trail as required. Project Co shall make reasonable efforts to ensure Woodstave Road Trail remains open for public use at times when access to the parking lot area for the Elk Falls Day Use Area is restricted as a result of closures of Brewster Lake Road. Project Co shall ensure public access to Elk Falls at all times through either Woodstave Road Trail or Brewster Lake Road.

In managing public use interaction with Construction activities along the portions of Woodstave Road Trail that cross the woodstave pipelines and Pipeline Road, Project Co may realign or add elements to portions of the trail as it deems necessary. If Project Co engages in any such realignments or additions to Woodstave Road Trail, Project Co shall apply the standards specified for the reconstruction of the Station View Trail as set out in Section 1.10 [*Reconstruction of the Canyon View Trail*] of this Schedule 23 [*Public Safety and Public Use*].

1.13 Bike/Hike Trail

Project Co shall ensure and manage the safe interaction of persons using the Bike/Hike Trail, including where the Bike/Hike Trail crosses Brewster Lake Road and in locations where the Bike/Hike Trail is in the vicinity of any laydown areas marked in Appendix 10E [*Project Construction Laydown Areas Plan*] of Schedule 10 [*Lands*], with Construction activities. Project Co shall not restrict the public use of the Bike/Hike Trail as a result of Construction activities on or near the Bike/Hike Trail. Project Co may temporarily realign portions of the Bike/Hike Trail. When reconstructing those portions of the Bike/Hike Trail that were temporarily realigned, Project Co shall apply the standards specified for the reconstruction of the Station View Trail as set out in Section 1.10 [*Reconstruction of the Canyon View Trail*] of this Schedule 23 [*Public Safety and Public Use*].

Any temporary realignments of the Bike/Hike Trail shall be coordinated with BC Hydro as per the conditions specified in Schedule 11 [*Communications and Consultation*].

1.14 Community Site Office

Project Co shall, from the Effective Date until Total Completion, maintain the community site office located in the parking area of Woodstave Road Trail in accordance with the British Columbia Ministry of Environment publication titled "Operating Area Service and Facility Maintenance Best Management Practices".

1.15 Use of Security Guards for Public Safety

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1.16 Campbell River Access

Project Co shall provide safe access to the Campbell River and Elk Falls Provincial Park as required in Section 1.2-3.2 [*Safe Access*] of Schedule 6 [*Design and Construction Specifications*].

1.17 Boat Launch Facility

If the existing boat launch facility for Campbell River is decommissioned pursuant Schedule 6 [*Design and Construction Specifications*], Project Co shall, giving consideration to public safety and Site security, construct a new boat launch facility providing safe, unrestricted public river access to the Campbell River at a location sufficiently upstream to allow rafts launched by a commercial rafting operator sufficient time and conditions to access the north channel at First Island.

1.18 Park and Reservoir Access

Project Co shall not create motorized public access to: (i) Elk Falls Provincial Park, including any portions of Elk Falls Provincial Park in which a property interest is temporarily transferred to BC Hydro pursuant to this Agreement; or (ii) the John Hart Reservoir, from BC Hydro property unless otherwise specified in the Agreement, in which case Project Co shall manage such access to prevent any public use.

1.19 Signage and Fencing

Project Co shall ensure that all:

- (a) signage posted pursuant to the requirements of this Schedule 23 [*Public Safety and Public Use*] comply with the "BC Hydro Signage Standard" included in the Disclosed Data; and
- (b) fencing used pursuant to the requirements of this Schedule 23 [*Public Safety and Public Use*] comply with the requirements of Section 3.6-5.2 [*Technical Requirements*] of Part 3 of Schedule 6 [*Design and Construction Specifications*] (without requirement for barbed wire) and with BC Hydro's "TS01 Fencing and

Gates Standard” (without the requirement for barbed wire) included in the Disclosed Data;

as each standard is amended, supplemented or replaced from time to time. The location of the fencing should generally align with the plans set out in Appendix 23B [*Public and Construction Access*].

1.20 Records and Reporting

Project Co shall maintain all records and reports relating to its obligations under this Schedule 23 [*Public Safety and Public Use*] in accordance with Schedule 20 [*Records and Reports*].

1.21 Communications and Community Consultation

Project Co shall, in accordance with the Project Public Safety Management Plans, be responsible for:

- (a) making all notifications to the public of the protocols that apply to the public’s access to and use of the Site and adjacent lands and of any modifications made to these protocols from time to time and clearly communicating such notifications to the public; and
- (b) supporting BC Hydro communications with the public regarding Schedule 23 [*Public Safety and Public Use*] matters,

all in accordance with the requirements of Schedule 11 [*Communications and Consultation*].

1.22 Reference Documentation

Project Co shall periodically check and enquire of BC Hydro and of applicable regulatory authorities and others regarding changes, additions or substitutions for any of the Public Safety Reference Documents.

2. TRAFFIC MANAGEMENT REQUIREMENTS

2.1 Traffic Management Plan

Project Co shall, not later than 30 days after the Effective Date, prepare and submit to BC Hydro in accordance with the Consent Procedure a traffic management plan (the “**Traffic Management Plan**”). The Traffic Management Plan shall:

- (a) provide for the safe direction, control and supervision of all public traffic impacted by the Project Work;
- (b) include traffic control layout drawings that address stage-specific traffic requirements for each unique stage of the Project Work that affects traffic, including drawing of the designated truck access and egress points and applicable staging areas.
- (c) incorporate mitigation measures determined to be appropriate pursuant to any Traffic Management Study;

- (d) during the Construction Period and any other time during which the Project Work introduces traffic hazards on any public roadway, be consistent with a Category 5 Traffic Management Plan as set out in the Ministry of Transportation's "*Traffic Management Guidelines for Works on Roadways*";
- (e) conform to the requirements of Ministry of Transportation's "*Traffic Control Manual for Work on Roadways*";
- (f) provide for the posting of speed limit, detour and public safety signage in both directions on: (i) Brewster Lake Road; (ii) Snowden Camp Road; (iii) Bella Road; (iv) Gordon Road; and (v) Duncan Bay Road, should such roads be used by Project Co for any of its vehicles;
- (g) be created and monitored by or under the supervision of a traffic engineer with a minimum of five years of relevant construction-related traffic engineering experience;
- (h) be created with input from stakeholders for approval by the Ministry of Transportation, the City of Campbell River and any other relevant Governmental Authorities;
- (i) to the extent reasonably practicable, maintain public road access during the Construction Period;
- (j) to the extent reasonably practicable, preserve traffic routes for recreational use and access to business;
- (k) address the impact on residential streets of any diverted traffic through temporary and permanent traffic measures;
- (l) address all parking issues related to the Project Work in accordance with existing City of Campbell River or other applicable parking regulations and permits;
- (m) ensure that all public roadways utilized by Project Co for hauling are kept clean and free of construction dust and debris;
- (n) indicate pedestrian, bicycle and business access route, where applicable;
- (o) describe Project Co's plan for signage and notices related to road closures and traffic detours;
- (p) be divided into separate sections dealing with: (i) traffic control; (ii) information to the public regarding traffic conditions associated with the Project Work; (iii) traffic incident management; and (iv) traffic measures implementation;
- (q) include sub-plans for:
 - (i) Brewster Lake Road and all portions of the road north of the dam for period where the road is used by Project Co; and
 - (ii) Iron River Road and any access road to Iron River Road for period where Project Co uses the road;

- (r) during the Construction Period, provide for a traffic control person at the intersection of Brewster Lake Road and Highway 28 to safely direct public traffic to the Elk Falls Provincial Park and manage the movement of Project traffic on and off Highway 28 at all time when construction vehicles are entering or exiting the Site; and
- (s) The traffic incident management section of the Traffic Management Plan shall describe:
 - (i) how Project Co will facilitate traffic incident responses and move traffic safely and expeditiously around any Traffic Incident;
 - (ii) how Project Co will provide access for emergency vehicles and assistance to emergency personnel in the event of a Traffic Incident; and
 - (iii) procedures for disseminating information to the public related to unplanned traffic pattern changes arising from Traffic Incidents.

2.2 Independent Review

Prior to submitting the Traffic Management Plan to BC Hydro, Project Co shall commission an independent review of the Traffic Management Plan by a Professional Engineer with a minimum of five years of relevant construction-related traffic engineering experience to identify any risks or communication issues not identified by the Traffic Management Plan.

2.3 Traffic Management Studies

Where traffic capacity on public roads is reduced as a result of Project Co's performance of the Project Work, Project Co shall undertake a traffic management study (each, a "**Traffic Management Study**") to determine the impact of the applicable Project Work on traffic routes and to determine appropriate mitigation measures. Project Co shall ensure that any Traffic Management Study includes area wide traffic modeling to determine impacts to all modes of transportation arising from the applicable Project Work. Project Co shall be responsible for all costs incurred as a result of any such mitigation measures required.

2.4 Modifications to Traffic Management Plan

Project Co may at any time during the Term propose modifications or supplements to the Traffic Management Plan if it determines such modifications or supplements:

- (a) to be appropriate and in the interest of minimizing the impact of the Project Work on public traffic; or
- (b) are required to accommodate a change to Project Co's approach to completing any Project Work;

by submitting the modification or supplement, as applicable, to BC Hydro for approval in accordance with the Consent Procedure.

In the case of Section 2.4(b) [*Modifications to Traffic Management Plan*], Project Co shall submit the modification or supplement to BC Hydro in accordance with the Consent Procedure 30 days prior to engaging in the Project Work that required the modification or supplement to the existing Traffic Management Plan.

2.5 Compliance with Traffic Management Plan

Project Co shall comply with the Traffic Management Plan in its performance of the Project Work.

2.6 Public Engagement

- (a) Project Co shall participate in community liaison meetings to keep the public informed of planned traffic pattern changes, including hauling and truck routes, detours, land shifts, lane closures, access restrictions, schedule changes, and other traffic control procedures.
- (b) Project Co shall respond to all public inquiries or complaints it receives in respect of traffic issues arising from the Project Work within 24 hours.
- (c) Project Co shall publish public notices for road closure and traffic detour information in the *Campbell River Mirror* and *Courier Islander* papers on a monthly basis for the duration of the road closure and traffic detour associated with the Project Work. Such notice shall set out the dates and locations of the road closures and traffic detours and shall provide contact information in the form of an email address and phone number to Project Co personnel who are familiar with traffic issues arising from the Project Work.

2.7 Hauling Routes

Project Co shall not utilize: (i) Brewster Lake Road north of the dam, or any portion thereof; (ii) Iron River Road, or any portion thereof; or (iii) Woodstave Road, or any portion thereof, for primary construction traffic or hauling route.

2.8 Traffic Permits

Project Co shall be responsible for obtaining all relevant approvals and permits required to implement the Traffic Management Plan. Project Co shall submit to BC Hydro according to the Review Procedure any permit application to be submitted to the Ministry of Transportation, the City of Campbell River or any other Governmental Authority for road use alterations not later than 14 days prior to the submission of the relevant permit application. Project Co shall provide notice to BC Hydro's Representative not less than 14 days prior to the implementation of any temporary or permanent alteration in public road use.

2.9 Project Co Parking

Project Co shall not park any of its vehicles used in the performance of the Project Work in any public use parking spots on or along public roadways.

2.10 Coordination of Work

Project Co shall coordinate its traffic management activities required under this Section 2 [*Traffic Management Requirements*] with BC Hydro, relevant Governmental Authorities and other Project Contractors or Sub-Contractors working in the vicinity of the Project and on routes impacted by the Project.

3. BC HYDRO RESPONSIBILITIES

3.1 Review and Approvals

In accordance with the protocols set out in Schedule 2 [*Review Procedure, Consent Procedure and Other Submittals*], BC Hydro shall review, consider and respond in a timely manner to Project Co's request for approval of its proposed Project Period Public Safety Management Plans and any supplements or modifications thereto.

3.2 Notification of Policy Changes

BC Hydro shall provide Project Co notice of any changes or additions to any Public Safety Reference Document in order for Project Co to be bound by such changes or additions. Project Co shall periodically check on the status of the Public Safety Reference Document to determine if there have been any changes or additions to any of the documents; provided that the foregoing sentence is not intended, and shall not be interpreted, to affect the allocation of responsibility to BC Hydro for providing notice of any specific change or addition nor increase the liability of Project Co in the event that any periodic check does not reveal the existence of any specific change or addition.

3.3 Access to Reference Documentation

BC Hydro shall provide or facilitate access at reasonable times to the Public Safety Reference Documents.

4. PERFORMANCE STANDARDS

4.1 Standards

Project Co shall apply Good Utility Practices in performing its obligations under this Schedule 23 [*Public Safety and Public Use*] and in optimizing the number of aggregate hours of access and use of the Site the public is provided with during the Term and in minimizing the number of Public Safety Incidences and public complaints about the public's access to and use of the Site and adjacent lands.

4.2 Compliance with BCH Policies and Standards

In managing and adhering to the Project Public Safety Management Plans, including all approved supplements or modifications, and in performing all Project Work, Project Co shall strictly follow and adhere to the Public Safety Reference Documents.

4.3 Compliance with Laws

In performing its obligations under this Schedule 23 [*Public Safety and Public Use*] Project Co shall comply with all Laws.

5. STOP WORK ORDERS

5.1 Stop Work Orders

BC Hydro shall have the right to issue a stop order on all or some of the Project Work in the event of a serious risk to public safety as determined by BC Hydro or by a Governmental Authority.

Whenever Project Co receives such an order, Project Co shall promptly prepare and submit to BC Hydro's Representative for approval in accordance with the Consent Procedure in Schedule 2 [*Review Procedure, Consent Procedure and Other Submittals*] a report detailing the root cause of the public safety risk and proposing a remedial action plan to rectify or otherwise address the public safety risk and to prevent any future reoccurrences (a "**Public Safety Root Cause Report**").

Following receipt of a Public Safety Root Cause Report, BC Hydro shall review the report in accordance with the Consent Procedure set out in Schedule 2 [*Review Procedure, Consent Procedure and Other Submittals*]. Once the Public Safety Root Cause Report is marked "accepted", Project Co shall rectify or otherwise address the public safety risk in accordance with the accepted Public Safety Root Cause Report, including any remedial action plan. Once Project Co has rectified or otherwise addressed the public safety risk in accordance with the accepted Public Safety Root Cause Report, BC Hydro shall lift the applicable stop order.

Appendix 23A

Requirements for Project Public Safety Management Plans

In developing the Project Public Safety Management Plans for submission to BC Hydro for approval pursuant to this Schedule 23 [*Public Safety and Public Use*], Project Co shall be guided by the following objectives, guidelines and requirements:

- (a) the design requirements and work specifications set out in Schedule 6 [*Design and Construction Specifications*];
- (b) the traffic management plan requirements set out in Section 2 [*Traffic Management Requirements*] to Schedule 23 [*Public Safety and Public Use*];
- (c) the design and installation of physical barriers and signage in respect of hazards, including but not limited to construction hazards, flow changes, electrical hazards, fall hazards, rockfall and icefall hazards;
- (d) the clear separation of public and Construction areas at the Site and adjacent lands;

Where the public interfaces with Construction traffic, public use must be controlled so as to allow safe passage by the Public;

- (e) the prevention of any Public Safety Incidents during the Construction Period and Services Period;
- (f) the physical separation of Construction activities and hazards from public use areas, including the intersections of Station View Trail with Powerhouse Road and Surge Tower Road;
- (g) providing advance and realtime notifications regarding blastings, road closures, trail closures and river access;
- (h) providing protection of the public from exposure to currents and air entrained water attributed to the tailrace and bypass flows through the use of boom installation, buoys, signage, fencing and/or a combination thereof;
- (i) the performance of hydrometric modelling where velocity flows are measured at the tailrace and bypass area and further downstream in order to determine the extent of the operational impact on river flows for Public Safety purposes;
- (j) the mapping of hydrometric modelling and the overlaying of such mapping on topographic maps to provide landmarking of safe shores and potential anchor and access points for approved safety controls;
- (k) the incorporation of the Siren Warning System in order to provide audio warnings for operation of bypass and LLO when: (i) a unit trips offline to warn of the bypass flows; or (ii) LLO output increases;
- (l) the prevention of any member of the public accessing any installed booms;
- (m) the design of boom devices so as to prevent injury and not encourage or facilitate trespassing and exposure to risk by the public; and

- (n) the prevention of the public from accessing the areas demarcated with booms, including the use of fencing on dry land to prohibit public access to the dangerous waters.

Appendix 23B
Public and Construction Access

Public and Construction Access Drawing 502-S23-00010

Appendix 23C
Government Agency Access

See Government Agency Access Drawing 502-S23-00011