

Westcoast Energy Inc., doing business as Spectra Energy Transmission (Westcoast)
OM2017-021
Filed 16 January 2017

Response to Information Request No. 1

- Request (OM2017-021):** Please provide a clearly marked drawing that illustrates the new flare, the pig sending barrel assembly site and tie-in locations, as well as:
- a) the purpose of the flare, including confirmation regarding whether;
 - a. The flare will be used in association with pigging activities,
 - b. The flare will be used as an emergency blowdown; and
 - b) the composition and volume of the gas to be flared for each applicable flare purpose;
 - a. if the gas contains ≥ 1 mole percent H₂S, demonstrate that SO₂ and H₂S emissions from burning of sour and acid gas will not result in unacceptable air quality impacts using the dispersion modelling methods outlined by the BC OGC Flaring and Venting Reduction Guideline;
 - b. if the gas contains ≥ 5 mole percent H₂S, demonstrate that SO₂ and H₂S emissions from burning of sour and acid gas will not result in unacceptable air quality impacts using the dispersion modelling methods outlined by the BC MOE Guidelines for Air Quality Dispersion Modelling in British Columbia;
 - c) the frequency (anticipated schedule) and duration of the flaring events; and
 - d) any correspondence with the province of BC regarding permit requirements for the flare under the BC Waste Discharge Regulations.

Response

Please see Attachment 1 showing the new flare site, pig sending barrel site, and tie-in location.

- a) Westcoast deactivated the northern portion (KP 0 to KP 42) of the Beaver River Pipeline (Pipeline) during the summer of 2016. The flare site at KP 42 of the Pipeline is required for pigging activities to maintain pipeline integrity. The flare could also be used for an emergency blowdown.
- b) The gas to be flared would contain less than 1 mole percent H₂S. The volume of gas to be flared for pigging and emergency purposes would be approximately 4 m³ and 21,132 m³, respectively.

- c) Pigging activities are anticipated to occur on a weekly basis for the Pipeline, with a flare duration of approximately 90 seconds. In the event of an emergency event, the flare duration would be approximately 20 hours.
- d) A flare of this capacity is authorized under the BC Waste Discharge Regulation without the need for a permit. Accordingly, there has been no correspondence with the province of BC regarding the flare site.