

Plains Midstream Canada
Rainbow Pipeline MP-188 Release
Air Monitoring Plan

- Trojan will monitor for H₂S, SO₂, Total Hydrocarbons, and meteorology (Wind Speed, Direction, temp etc). Trojan will follow the necessary requirements (industry Standards) for QA/QC of analyzers, data correction and handling.
- The current monitoring will continue (24/7) with dedicated Trojan air monitoring units (AMU) at the Little Buffalo School, and Marten Lake School. This commitment will provide monitoring coverage over all of the wind directions and met conditions encountered during the current cleanup activities at the break site.
- If AMU's #1 and #2 (#1= Little Buffalo School, #2= Marten Lake School) observe consecutive increased readings above background levels, the operator will:
 - o advise Incident command and provide an odour description. The operator will sample the air with the 1 hour Volatile Organic Compound Canister.
 - o details of this exceedence will be included in the daily overview report.
- Trojan AMU #3^r will be located near the break site. The vehicle will be situated to monitor:
 - o Near beaver ponds to quantify THC's (expecting a reduction over time)
 - o North of site along pipeline Right-of -Way (north staging area). To determine level of contaminants downwind during key activities (between break and hwy when scraping and soil handling begins in bush).
 - o VOC sampling may/may not be needed at these stations (note: AENV took 3 downwind VOC samples, at 5m, 80m, and 250m from break site)
- Air monitoring data from Trojan AMU's will be forwarded to AENV (Mark Pickering) daily at a designated time.
- Plan will be evaluated periodically and may adjust monitoring based on site activities, community concern, previous data results etc.

Odour Complaint Procedure

Incident Command or their designate will log all odour complaints received by concerned citizens and include these in the daily report. The company will act on these complaints inquiring into the details and attempting to identify the type and source of the odours.

If repeated concerns are noted, the company will monitor the area. If odours are attributed to activities at the break site, they will modify the clean-up activities at site to alleviate the concerns. Odours from the public that are received by AENV, ERCB or AHS directly will be forwarded to the company for follow-up.