

MEMORANDUM

TO	Dawn MacNeil, STPA	FILE NO.	S-1128-09
FROM	Grant Harrigan	SHIFT:	0630 to 1030
TEL	(902) 539-3012	CC:	Shawn Bernon, STPA
FAX	(902) 539-3381		Wilfred Kaiser, STPA
DATE	28 th May, 2008		Terry Smith, ALL-TECH
		STPA NO.	PS-0009

**SUBJECT: 26th May 2008, Real-time Air Monitoring Results
Sydney Tar Ponds Agency – North Pond
FINAL REPORT**

Attached is a summary of Real-time particulate (as PM₁₀) results for air monitoring performed on the 26th of May, 2008. Tyler Rowe and Donald MacIsaac of ALL-TECH Environmental Services Cape Breton Limited (ALL-TECH), performed all air monitoring activities for the North Pond.

Weather conditions on the day of sampling:

- Overcast
- Temperature: approximately 10°C
- Wind Direction: Southwest

Comments: *ALL-TECH was on-Site at 0630, but was unable to locate any activity on-site. ALL-TECH performed 30 minute checks on the site for activity. Although periodic activity was observed, (pick-up trucks entering and leaving the site) ALL-TECH determined that air monitoring sampling was not needed for the day. All air monitoring ended at 1030 due to no construction activities being observed on-site.*

All downwind and upwind measurements of PM₁₀ were below the established Site Action Level for this parameter of 155 µg/m³.

All downwind and upwind measurements of Total Volatile Organic Compounds (TVOC) were below the established Site Action Level for this parameter of 0.66 ppm. Each measurement is the average of a 15 minute sample. A minimum of 2 samples were taken downwind and 1 sample upwind every hour. All measurements were found to be below the detection limit of the instrument. Levels above detection limit will be noted in the table below.

Due to operational criteria, during periods of precipitation (snow and rain) and high humidity, TVOC sampling is halted and resumes after the precipitation has ended.

This report has been prepared by Tyler Rowe and reviewed by Grant Harrigan and Dianne Theriault. If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,



Grant Harrigan, B.Tech
Environmental Technologist
ALL-TECH Environmental Services Cape Breton Ltd.

Copied via e-mail:

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