IMPROVED LAKEFILL QUALITY CONTROL PROGRAM

MONTHLY REPORT

JUNE 1991

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To : Canadian Environmental Law Association
517 College St., Suite 401

I Introduction

The following report contains the fill received statistics for all lakefill sites in the month of June 1991.

II Discussion

A total of 1,117 loads of earth material were deposited at lakefill sites in June, 1991.

III Fill Received Statistics

Table 1. Destination Area Breakdown for June 1991.

	Volume (m^3)		
	Open Water	Protected	Confined
Large Projects	8,690	0	440
Small Projects	0	0	2040

Table 2. Fill Volume Totals for June 1991.

	Volume (m^3)	% of Total
Large Projects	9,130	81.8
Small Projects	2,040	18.2
Total	11,170	100.0

IV Rejected Material

A. Material rejected at the application stage by chemical analysis results.

- EV02001- Overlea Blvd. to Wynford Dr.- 1,000 m3 rejected representing 10.5% of the total excavation volume.
- EV02059- 1138 Bathurst St.- 200 m3 rejected representing 57% of the total excavation volume.
- EV01960- Jarvis St.- 1,250 m3 rejected representing 100% of the total excavation volume. Reports of asbestos contamination in the pavement.
- EV01827- Parliament and Queens Quay- secondary rejection, the project was approved for lakefilling in March of 1991 but was subsequently rejected due to the odour and appearance of the fill material.

B. Material rejected after visual inspection of excavation sites. These projects were all rejected in their entirety.

- EV02101- 100 Canadian Rd.- 20 m3 rejected representing 100% of the total excavation volume.
- EV02118- Military Trail- 20 m3 rejected representing 100% of the total excavation volume.

V Chemical Testing Audit Results

Table 3. Summary of test results obtained as part of the ILQCP internal auditing program in June 1991.

Sample Taken From	#of Results Received	#Failing OWG	#Failing RLUG
Small Site trucks	5	0	0
Large Site trucks	16	4	0

OWG = Ontario Ministry of the Environment "Open Water Disposal Guidelines"
RLUG= Ontario Ministry of the Environment "Restricted Land Use Guidelines"

Results Discussion

Four large projects returned sample results which exceeded the expectations of their original environmental reports. Each of these four projects will be addressed separately;

1. Project number EV01919(520 Kingston Rd.) showed a marginal exceedance of the OWG for lead. The original environmental report contained 18 samples, none of which exceeded the OWG and hence no action was taken.

2. Project number EV01953(Hydro Service Trench-various streets) showed an exceedance of the OWG for oil and grease. The original environmental report contained 15 samples none of which exceeded the OWG. ILQCP staff inspected the site and found no concerns. One previous audit sample exhibited high oil and grease levels and the soils consultant indicated to the MTRCA at that time that the exceedance was likely due to asphalt particles in the roadbed material.

3. Project number EV01999(Carling Ave., Leeds Ave. etc.) exhibited lead, zinc and copper concentrations in exceedance of the OWG. 107 bills of lading initially issued for open water disposal were changed to "confined" in accordance with our audit results.

4. Project number EV01980(McRea Dr.) exhibited a minor oil and grease exceedance of the OWG. The original environmental report contained 7 samples none of which exceeded the OWG. ILQCP staff inspected the sites and found no concerns. Again, it must be pointed out, that quite often, roadway excavations will exhibit high oil and grease results as a result of asphalt particles in the roadbed material.

VI Fill Volumes Received by Site

Table 5. Site by Site Breakdown of Fill Volumes Received in June 1991.

Site	Volume (cubic metres)		
	Open Water	Protected	Confined
Leslie St.	5,950	0	20
Sam Smith	0	0	100
Bellamy	0	0	0
Fishleigh	0	0	0
Guildwood	2,740	0	2,360
Totals	8,690	0	2,480

VII Appendix A

Lakefill Location Soil Acceptability Checklists

Note : no reports were issued in March 1991.

VIII Appendix B

Violation Reports

THE METROPOLITAN TORONTO AND REGION CONSERVATION AUTHORITY

IMPROVED LAKEFILL QUALITY CONTROL PROGRAM

ISSUE DATE :
June 27, 1991

ISSUED TO :
Maple excavating
Kingbeach Corp.
Greystone Walk Ltd.

PROJECT ADDRESS :
520 Kingston Rd.

* The above mentioned is in violation of the conditions set forth upon issuance of the Bill of Lading.

NATURE OF VIOLATION :

Maple Excavating truck was found to be hauling earth fill from 1 Greystone Walk while presenting a Bill Of Lading from 520 Kingston Rd.

ACTION TO BE TAKEN :

All Bills of Lading issued to projects at 1 Greystone Walk and 520 Kingston Rd. are now voided for entrance to MTRCA lakefill sites.

Maple excavating is banned from using MTRCA lakefill sites for one month effective June 27.1991.

If you wish to appeal this action, notice in writing must be submitted to :

Nigel Cowey P. Eng.
5 Shoreham Dr.
Downsview
M3N 1S4
Phone : 661-6600
Fax : 661-6898

within 5 working days of the issue date shown above.

Jim Berry, C.E.T.
Supervisor, Waterfront Development