



INDUSTRIAL RESEARCH INSTITUTE

PARIS AVENUE, PÈRE LEBRET STREET
BEIRUT - LEBANON

Tel.: 01-364983/4 01-366480, Mobile 03-623129, Telefax 01-366509 P.O.Box 11-2806

Report

DATE : 29/01/2003

NO. : 5221/064/14898/2003

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NAME :

MESSRS. EUROWASTE S.A.R.L.
BEIRUT - LEBANON

REFERENCE : Your letter dated 15/01/2003

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RECEIVED AS :

"Sorbent material"

RECEIVED ON :
16/01/2003

Results

CHEMICAL ANALYSIS

Test 2: Sand mixture containing 200 g/kg of fuel oil

A 400 g sample of "clean" sand and stones mixture was mixed with 100 g of fuel oil and 20 g of the "sorbent material" as described above.

Water at 35°C (200ml) was added and mixed for 15 minutes.

Floating material was skimmed with a sieve (weighed 155 g on air dried basis). Samples were tested and results were found as follows:

IRI Code No:		Sand mixture	Water	Skimmed material (on air dried basis)
281 - 1	Oil and grease (before treatment)	200 g/kg	< 0.1 mg/l	-
281 - 1	Oil and grease (after treatment)	3.5 g/kg	54 mg/l	303.6 g/kg

Test 3: Sea water containing 200 g/l fuel oil

400 g of fuel oil were mixed with 1.5 liters of sea water.

100 g of the "sorbent material" was added and mixed for 15 minutes.

Floating material was skimmed with a sieve (weighed 485 g on air dried basis). Water and the recovered floating material were tested for oil and grease. Water was also tested for Biochemical Oxygen Demand (BOD₅).

IRI Code No:		Water	Skimmed material (on air dried basis)
281 - 1	Oil and grease (before treatment)	200 g/l	-
281 - 1	Oil and grease (after treatment)	23 mg/l	276 g/kg
267 - 7	BOD ₅ as O	19.5 mg/l	-

SAH/gb

-2- N. Khoury

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