OIL SPILL EATER II
TESTING HEAVY-END HYDROCARBONS ON WATER

Bioremediation Test Procedures for:
Crude Oil, Hydraulic Fluid, Motor Oil, Radiator Fluid,
Chlorinated Hydrocarbons, Etc.

Materials Needed:

1. 3 liters of natural, fresh or ocean water.

2. One half pint of OSE II Concentrate.

3. One 2 liter wide-mouth beaker.

4. Small Aquarium (fish tank) with Bubbler for aeration.

5. Heavy-end hydrocarbons.

6. Hand spray aspirator (32 ounces).

Procedure:

1. Make a solution containing 3 ounces of OSE II in 128 ounces (one gallon) natural, fresh or ocean water. This becomes your OSE II Solution.

2. Put 1 liter of natural, fresh or ocean water in the 2 liter, wide mouth beaker.

3. Add 100 ml of heavy end hydrocarbon to be tested to the water.

4. Remove 100 ml of the oil and water solution from the beaker. Test for initial contamination level.

5. Since the spill quality of heavy-end hydrocarbons is known (100 ml), apply 100 ml of the OSE II mixed solution to the beaker using a hand sprayer. Spray the outer edges, first working your way to the middle of the heavy-end hydrocarbons.This application will provide 2 parts OSEII to 100 parts water to 100 parts heavy-end hydrocarbons on water. This is recommended in our OSE II literature.

6. Turn on Bubbler Aerator.

7. At time intervals of (0 day initial) day 7, day 15,and day 30 (after application), remove 10 ml sample of water for analysis. The remaining water can be sampled at any additional time should 30 days prove inadequate for complete degradation of hydrocarbons.

NOTE: If the hydrocarbons are aged significantly, then sampling events will be changed and extended.

8. Perform EPA Tests 8100 and 8030 to determine degradation.

OIL SPILL EATER II
TESTING HEAVY-END HYDROCARBONS ON WATER

Bioremediation Rapid Test Procedures for:
Crude Oil, Hydraulic Fluid, Motor Oil, Radiator Fluid,
Chlorinated Hydrocarbons, Etc.

Materials Needed:

1. 3 liters of natural, fresh or ocean water.

2. One half pint of OSE II Concentrate.

3. One 2 liter wide-mouth beaker.

4. Small Aquarium (fish tank) with Bubbler for aeration.

5. Heavy-end hydrocarbons.

6. Hand spray aspirator (32 ounces).

Procedure:

1. Make a solution containing 9 ounces of OSE II in 128 ounces (one gallon) natural, fresh, or ocean water. This becomes your OSE II Solution.

2. Put 1 liter of natural, fresh or ocean water in the 2 liter, wide mouth beaker.

3. Add 100 ml of heavy end hydrocarbon to be tested to the water.

4. Remove 100 ml of the oil and water solution from the beaker. Test for initial contamination level.

5. Since the spill quality of heavy-end hydrocarbons is known (100 ml), apply 100 ml of the OSE II mixed solution to the beaker using a hand sprayer. Spray the outer edges, first working your way to the middle of the heavy-end hydrocarbons. This application will provide 6 parts OSE II to 100 parts water to 100 parts heavy-end hydrocarbons on water. This is recommended in our OSE II literature.

6. Turn on Bubbler Aerator.

7. At time intervals of (0 day initial) day 7, day 15 (after application), remove 10 ml sample of water for analysis. The remaining water can be sampled at any additional time should 15 days prove inadequate for complete degradation of hydrocarbons.

NOTE: If the hydrocarbons are aged significantly, then sampling events will be changed and extended.

8. Perform EPA Tests 8100 and 8030 to determine degradation