## ILLINOIS POLLUTION CONTROL BOARD September 16, 1971

Libby, McNeill and Libby	)	
v.	<b>j</b>	#71-153
Environmental Protection Agency	)	

## ORDER

The Variance is hereby granted until January 1, 1972, subject to the following conditions:

- 1. Unloading of materials now in lagoon #2 that were held over from 1970 may begin at once provided adequate dilution is achieved. A dilution ratio of 20:1 shall be deemed adequate for an effluent of BOD 100 mg/l. The dilution ratio may be decreased by a factor equal to any reduction in effluent BOD. Thus, a dilution ratio of 10:1 is deemed adequate for an effluent of BOD 50 mg/l.
- 2. Low-flow augmentation is to be explored and utilized if possible whereby non-process water from the city of Morton water supply, water from excess capacity for food processing, or water from a new well is added to the effluent from lagoon #2 in order to increase the rate at which the lagoon may be unloaded according to condition No. 1 of the order. Petitioner shall report to the Environmental Protection Agency the feasibility of these alternatives by October 1, 1971.
- 3. To the extent possible, material that is transferred from lagoon #1 via the spray irrigation system shall be applied to the watershed above lagoon #3 and restricted from the watershed of lagoon #2.
- 4. Libby, McNeill and Libby shall immediately further explore and report to the Agency by October 1, 1971, the feasibility, including working overtime, of building additional storage capacity (in the form of lagoon #4 or by other means) in order to reduce the amount of discharge below the 40.3 million gallons requested.
- 5. Petitioner shall proceed to install the clarifier as scheduled with completion no later than January 1, 1972. If overtime work would accelerate installation and significantly reduce the amount of effluent that exceeds SWB-14 standards for BOD and suspended solids, Petitioner is directed to work overtime.
- 6. By January 1, 1972, Libby, McNeill and Libby is to be in full compliance with the Rules and Regulations of SWB-14 which limit effluent discharges to 4 mg/l BOD and 5 mg/l suspended solids.

- 7. Libby, McNeill and Libby shall post with the Environmental Protection Agency on or before October 16, 1971, a bond or other security in a form to be determined by the Agency, in the amount of \$220,000, which sum shall be forfeited to the State of Illinois in the event the company does not comply with the provisions of this order.
- 8. The petitioner shall file with the Agency, within fifteen days after any release of effluent under this order, a full report indicating the time and duration of the release, the volume and concentration of the effluent, the volume of the receiving stream, and BOD and suspended solids concentrations above and below the point of discharge.

I, Regina Ryan, Clerk of the Board, certify that the above Order was entered by the Board on the 16 day of September, 1971.