

ILLINOIS POLLUTION CONTROL BOARD

July 18, 1974

ENVIRONMENTAL PROTECTION AGENCY,	)	
	)	
Complainant,	)	
	)	
vs.	)	PCB 74-51
	)	
ALTON BOX BOARD COMPANY and	)	
LACLEDE STEEL COMPANY,	)	
	)	
Respondents.	)	
	)	
ENVIRONMENTAL PROTECTION AGENCY,	)	
	)	
Complainant,	)	
	)	
vs.	)	PCB 73-61
	)	
ALTON BOX BOARD COMPANY,	)	
	)	
Respondent.	)	
	)	
ALTON BOX BOARD COMPANY,	)	
	)	
Petitioner,	)	
	)	
vs.	)	PCB 74-5
	)	
ENVIRONMENTAL PROTECTION AGENCY,	)	
	)	
Respondent.	)	

ORDER OF THE BOARD

It is the Order of the Pollution Control Board that the Stipulation and Agreement of the Environmental Protection Agency, Alton Box Board Company and Laclede Steel Company, dated June 7, 1974, July 8, 1974 and July 15, 1974 is hereby accepted.

- I. Alton Box Board Company and Laclede Steel Company are hereby ordered and directed to perform and carry out their obligations as set forth in the Stipulation and Agreement, to wit:

- A) Alton Box Board Company shall:

- 1) Immediately devise, plan and implement a method by which the water in the impoundment area will be removed down to the bank of the existing ditch and maintained at that level as much as is reasonably feasible until the programs set out in paragraphs 2 and 3 herein are accomplished whether or not the new Twin-60 inch drains from the area are opened.
- 2) Neutralize or treat or remove any odor-producing sludge which is in the impoundment area at the time the program set out in paragraph 3 herein is accomplished, on a one-time basis so as to prevent the future emission of offensive odors to the atmosphere which may result from the said sludge.
- 3) Immediately construct and operate a means to divert Alton mill effluent directly to the Mississippi River in the approximate location shown in the drawing attached to the Stipulation as Exhibit 49, by July 30, 1974.
- 4) Devise, plan and implement, as soon as is reasonably possible, but in any event, no later than July 30, 1974, the following improvements to the wastewater treatment program for the Alton mill effluent:
  - a) Seal all conduits from the sludge lagoon (except for the conduit necessary to accomplish paragraph 4[b]) and eliminate all discharges from the sludge lagoon to the impoundment area.
  - b) Recirculate the sludge lagoon supernatant liquor through the clarifier so as to prohibit further discharges from the sludge lagoon to the impoundment area.
  - c) Maintain an effluent from the clarifier (breakdowns excepted) not to exceed 130 mg/l of suspended solids as a monthly average nor 260 mg/l of suspended solids as a daily maximum based on a 24-hour composite sample at any time.
  - d) Enlarge the capacity of the sludge lagoon, if practical.

- e) Install and operate a method for the daily addition of lime (estimated to be three tons per day), or its caustic equivalent, to treat the clarifier underflow to the sludge lagoon as may be necessary (estimated to be a pH of 9 or above at the inlet) to prevent the emission of H<sub>2</sub>S from the lagoon in violation of applicable Illinois law.
  - f) Dispose of any sludge removed from the sludge lagoon or clarifier in a manner acceptable to the Agency.
- 5) Prepare and implement Agency-approved water pollution control abatement program for effluent to the ditch on the north side of the Alton mill property.
  - 6) Submit progress reports on the foregoing to the Agency as part of the monthly progress reports being made pursuant to the Board Order of August 9, 1973 in PCB 73-140.
  - 7) Not operate boilers 2 and 3. Operate boilers 1 and 4 only in the event of emergency, and in no event after operating permits for boilers 8 and 9 have been received. Emergency is to be defined as when necessary due to the malfunction and inoperability of the existing boilers 5, 6 and 7 in order to allow continued operation of the plant. The Company agrees to notify the Agency upon the commencement of such emergency operation. Boilers 8 and 9 to be installed and operating permits secured by, or a permit denial appeal or variance filed on or before, July 30, 1975.
  - 8) Items 3, 4 (a), (b) and (e) shall be considered as approved changes in the Company's wastewater treatment program as approved in PCB 73-140 and shall be so considered in the performance bond heretofore filed by the Company in PCB 73-140.
- B) Laclede Steel Company, in cooperation and conjunction with Alton Box to the extent of paying at least 20% of the cost thereof, shall:
- 1) Immediately devise, plan and implement a method by which the water in the impoundment area will be removed down to the bank of the existing ditch and maintained at that level as much as is

reasonably feasible until the program set out in paragraph 2 hereof is accomplished whether or not the new Twin-60 inch drains from the area are opened;

2) Neutralize or treat or remove any odor-producing sludge which is in the impoundment area, when Alton Box has completed the construction of and begun to operate a means to divert its Alton mill effluent directly to the Mississippi River as provided in the Stipulation and Settlement Agreement between it and the Agency, on a one-time basis so as to prevent the future emission of offensive odors to the atmosphere which may result from said sludge.

C) Alton Box Board Company and Laclede Steel Company shall apply for all permits necessary for the performance of their obligations, as specified in the Stipulation and Agreement.

D) Alton Box Board Company and Laclede Steel Company jointly and severally shall, as agreed, contribute the aggregate sum of \$30,000 to the State of Illinois Game and Fish Fund within 60 days following the date of this Order.

II. The enforcement cases bearing numbers PCB 73-61 and PCB 74-51 are hereby terminated.

III. The variance granted to Alton Box Board Company in PCB 73-140 is hereby extended from July 18, 1974 to April 6, 1975 from Rules 402, 403, 404(a)(1), 404(b)(1), 408(a) as to Iron (Total), Iron (Dissolved), Lead (Total), Manganese (Total), Oil (Hexane solubles or equivalent), Phenols, and Total Suspended Solids, 408(b), 408(c) and 921(a) of the Water Pollution Regulations of Illinois and a limited variance from Section 12(a) of the Environmental Protection Act. The variance shall be applicable only to BOD, Total Suspended Solids, Total Dissolved Solids and the Contaminants specified above under Rule 408(a).

IT IS SO ORDERED.

Mr. Seaman dissents.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Order was adopted this 18<sup>th</sup> day of July, 1974 by a vote of 4 to 1.

Christan L. Moffett