

Plant and Stream Data

On

Implementing 1977 (BPT) and 1983 (BAT) Requirements of Clean Water Act

<u>CAPITAL INVESTMENT</u>		<u>\$</u>	<u>% Present Plant Investment</u>			
	Total Capital spent to achieve '77 Best Practicable Technology (BPT) requirements, including all past expenditures	<u>\$300,000</u>	<u>3%</u>			
(1)						
(2)	Additional capital to be spent to achieve '83 Best Available Technology (BAT) requirements	<u>600,000</u>	<u>6%</u>			
<u>ANNUAL OPERATING AND MAINTENANCE COST</u>		<u>\$</u>	<u>% of Present Cost</u>			
(3)	After 1977 requirements are met	<u>90,000</u>	<u>27.3%</u>			
(4)	After 1983 requirements are met	<u>200,000</u>	<u>33.3</u>			
<u>ENERGY USAGE</u>		<u>bbl Oil</u>	<u>% Present Plant Energy Usage</u>			
(5)	After 1977 requirements are met	<u>4/yr.</u>	<u>less than 1%</u>			
(6)	After 1983 requirements are met	<u>12/yr.</u>	<u>less than 1%</u>			
<u>POLLUTION REDUCTION *</u>		<u>BOD</u>	<u>COD</u>	<u>TSS</u>	<u>TDS</u>	<u>TKN</u>
(7)	1977, lbs./day discharged	<u>44</u>	<u>415</u>	<u>31</u>	<u>1628</u>	<u>--</u>
(8)	% removed by controls	<u>50%</u>	<u>50%</u>	<u>90%</u>	<u>0%</u>	<u></u>
(9)	1983, lbs./day discharged	<u>40</u>	<u>260</u>	<u>28</u>	<u>1200</u>	<u></u>
(10)	% removed by controls	<u>54.5%</u>	<u>68.7%</u>	<u>91%</u>	<u>26%</u>	<u></u>

*Note that all the pollutant parameters listed may not be measured by or applicable to a particular plant's discharge, or be subject to control by the plant.

(11) STREAM QUALITY INFORMATION

Name of water body that plant discharges to	<u>Fields Brook</u>
A) Is this water considered to meet "fishable/swimmable" standard today?	<u>No</u>
B) If answer to "A" is no, what is nature of pollutant(s) that prevents meeting this standard?	<u>Total solids, C.O.D.</u>
C) What are the principal sources of this pollutant(s)?	<u>Industry and water run</u>
	<u>off from surrounding areas</u>
D) Will standard be met when the industries and communities have installed the BPT technology-based control requirement called for by July, 1977?	<u>Unknown</u>
E) If answer to "D" is no, what is nature of pollutant(s) that will prevent meeting this standard?	<u>Unknown</u>
F) What will be the principal sources of this pollutant(s) at that time?	<u>Unknown</u>
G) Will standard be met when the industries have installed the BAT technology-based control requirements called for by July, 1983?	<u>Unknown</u>

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