



1	FEED HOPPER	
2	PROJECT DATA:	
3	THERMA-FLITE JOB NUMBER: TFL5844	CUSTOMER: ANHEUSER BUSCH
4	PROJECT NAME: AB IC1800	CUSTOMER PO: 34746
5	PROJECT LOCATION: IDAHO FALLS, ID	EQUIPMENT END-USER:
6	PROCESS MATERIAL: ALGAE SLUDGE	ANHEUSER BUSCH
7	EQUIPMENT MODEL: (LIVE BOTTOM FEED HOPPER, 8 CY)	
8		
9	P&ID TAG NO.: H-130	
10	DRAWINGS NO.: TFL5844-30000	
11	PROCESS DATA:	
12	PRODUCT DESCRIPTION: BIOSOLIDS	INLET PRODUCT:
13	BULK DENSITY (LB/CF): 62	% SOLIDS: 18
14	DISCHARGE RATE (LB/HR): 2250	% WATER: 82
15	FEEDRATE, PER UNIT (LB/HR): VARIABLE	DISCHARGE PRODUCT:
16	PRESSURE, PROCESS (PSI): AMBIENT	% SOLIDS: 18
17	INLET TEMPERATURE (°F): 80	% WATER: 82
18	DISCHARGE TEMPERATURE (°F): 80	
19	INLET SOURCE: PLANT SUPPLY	
20	DISCHARGE DESTINATION: P-140	
21	REMARKS:	
22		
23	EQUIPMENT DATA:	
24	EQUIPMENT QUANTITY: 1	DIMENSIONS [FEET-INCHES]:
25	MATERIAL OF CONSTRUCTION: CARBON STEEL	OVERALL: LENGTH: 10'-6"
26		WIDTH: 9'-4"
27	LIVE BOTTOM ROTORS: 2	HEIGHT: 9'-3"
28	LIVE BOTTOM ROTOR MODEL:	
29	16" OD RIBBON, LH FLITE	
30	16" OD RIBBON, RH FLITE	
31		
32	WEIGHT (LB):	
33	SHIPPING: 8,325	
34	OPERATING: 19,585	
35		



Therma-Flite
The Screw Heat Exchanger Company

OPERATION & MAINTENANCE
IC 1800 Biosolids Dryer System

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9.1.1 Equipment Data Sheets Feed Hopper

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