

Please add additional rows and list all existing equipment identified in Table 3 of the TSD that will remain onsite after the new operation is up and running. You do not need to add the batch kilns, boiler, or anything else that is planned to be removed. Please edit anything we might have wrong here, as well. Thank you.

Emission Point	Description
Continuous Dry Kiln (CDK) (New)	<p>Manufacturer: KDS Windsor Make: HC-CDK-351 Burner: KDS Windsor 50MMBtu/hr green sawdust gasifier Drying Capacity: 310 MMbf/year Maximum Permitted Drying Temperature Setpoint: 220 °F (dry bulb) Permitted Drying Species: Douglas Fir Four (4) vapor extraction stacks configured in two (2) sets of two (2) stacks located at north and south ends of CDK Fuel: Fired on green sawdust generated in sawmill</p>
Green Sawdust Residuals Handling System (New)	<p>Fuel Silo (New; Fuel Silo loading emissions controlled by Cyclone) Dimensions: 40' Diameter x 84' Height Holds and transfers green sawdust to CDK Emissions controlled by Fuel Silo Cyclone</p> <p>Fuel Silo High Efficiency Cyclone (Located atop Fuel Silo; Cyclone Exhausts to Atmosphere) Model: HE1400 Dimensions (approximate): 30' height x 4'7" diameter Rated ACFM: 6,227</p>
Bark Residual Handling System (New)	<p>Two (2) Bark Bins (New): Fuel Delivery Surge bin and truck bin; surge bin transfers bark to CDK Fuel Silo Intended Use: receives, stores, and transfers bark (aka hog fuel) from sawmill for sale Capacity: 40-Units (each) Truck loadout mitigated by steel siding Exhausts to Cyclone #11</p> <p>Cyclone #11 (Existing and Relocated; Cyclone #11 Exhausts to Atmosphere) Manufacturer: Western Pneumatics, Inc. Design ACFM: 8,564</p>
Chip/Shavings Residual Handling System (New)	<p>Three (3) Chip Bins (New) Receives, stores, and transfers dry chips and planer shavings from planer mill, as well as green chips from the Trimmer/Sorter/Stacker building Capacity: 40-Units (each) Exhausts to Cyclone #21 Truck loadout mitigated by steel siding</p> <p>Cyclone #21 (Existing and Relocated; Cyclone #21 Exhausts to Baghouse described below) Manufacturer: Superior Systems</p>

	<p>Model: SSI-SL-5 Design ACFM: 5,150</p> <p>Baghouse (New) Manufacturer: Superior Systems, Inc Model: P12-338-12 Cloth Area: 5,070 ft² Control Efficiency: 99% Design ACFM: 40,000 Dimensions: 42'0" Height x 12'3" Diameter</p>
Haul Roads (Modified)	Additional 538,700 ft ² to be paved
Planer Mill (Existing)	<p>Cyclone #5 (Existing) Manufacturer: Clarke Pneu-Aire Design ACFM: 65,000 Cyclone #5 Exhausts to Baghouse #1 (Alternatively, may exhaust to atmosphere when Baghouse #1 is malfunctioning) Catch to Cyclone #6 or Cyclone #7</p> <p>Cyclone #6 (Existing; Shavings Bin Cyclone) Processes catch from Cyclone #5 Cyclone #6 Exhausts to Baghouse #2 Catch empties into shavings truck bin</p> <p>Dry Planer Shavings Truck Bin (Existing; dual bin) Dual bin Dry planer shaving blown to shavings truck bin target box Exhausts directly to atm</p> <p>Baghouse #1 (Existing; Clarke Baghouse) Manufacturer: Clarke Model: 40-20 Design ACFM: 65,000 Pressure Drop: 1-3.5" water Processes exhaust from Cyclone #5 Emergency abort gate bypasses unit and exhausts directly to atm Catch to Baghouse #2</p> <p>Baghouse #2 (Existing; Carter Day Baghouse) Manufacturer: Carter Day Model 144RJ120 Design ACFM: 38,250 Pressure Drop: 0.5-5.0" water Processes catch from Baghouse #1 Processes exhaust from Cyclone #6 and Planer Mill emissions Emergency abort gate bypasses unit and exhausts directly to atm</p>

	<p>Baghouse #3 (Existing; Package Saw Shaker Baghouse) Manufacturer: Superior Systems Model: MRM-12 Design ACFM: 3,500 Pressure Drop: 0.5-4.5" water Control Efficiency: 99.9%</p>
Sawmill (Existing)	<p>Sawmill Baghouse (Existing) Manufacturer: Superior Systems Model: 12-138-12 Design ACFM: 44,793 Pressure Drop: 0.5-4.0" water Emergency abort system shuts down sawmill dust collection during baghouse malfunctions</p> <p>Band Saw Filing Room Baghouse (Existing) Exhausts Indoors (no outdoor emissions; exempt unit, included for informational purposes) Controls emissions from metal filings in the filing room</p> <p>Sawdust Truck Bin (Existing) Stores excess sawdust that is not directed to the CDK Fuel Silo Fugitive dust emissions during truck loading</p>