

Proposed Industries for WWRC Layout

See accompanying diagram which illustrates these producer-consumer connections.
Some industry types may produce a wide variety of products. The mix of products is open to discussion.

Wood Products							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Logs	Flat	Off line		Barrels	Box	Brewery	
Packaging	Box	Plastic Products		Pallets	Box	Brewery	
Packaging	Box	Paper Products		Pallets	Box	Chemical	
				Pallets	Box	Concrete Products	
				Pallets	Box	Dairy Products	
				Wood chips	Hopper	Distribution	Mulch, animal bedding,
				Saw dust	Cov Hopper	Distribution	Wood pellets, sweeping compound
				Posts	Gon	Distribution	
				Finished goods	Flat, Box, Container	Distribution	Dimension lumber, various wood products
				Bark	Hopper	Distribution	Mulch
				Pallets	Box	Frozen Foods	
				Pallets	Box	Meat Packing	
				Pallets	Box	Metal Products	
				Wood chips	Hopper	Paper Products	Paper
				Pallets	Box	Paper Products	
				Pallets	Box	Plastic Products	
				Poles	Flat, Gon	Power Utility	
		3 Sources				11 Destinations	

Power Utility							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Coal	Hopper	Off line		Ash	Hopper	Concrete Products	
Insulators	Box	Off line		Insulators	Box	Distribution	
Poles	Flat, Gon	Wood Products		Poles	Flat	Distribution	
Transformers	Box, Flat, Schnabel	Metal Products		Transformers	Box, Flat, Schnabel	Distribution	
Towers	Flat	Metal Products		Towers	Flat	Distribution	
Wire	Gon, Box	Metal Products		Wire	Gon, Box	Distribution	
Waste paper	Hopper	Paper Products	For fuel				
Waste plastic	Hopper	Plastic Products	For fuel				
		4 Sources				2 Destinations	

Concrete Products							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Chemicals	Box	Chemical Products	Coloring agents	Blocks	Box, Flat	Distribution	
Cement	Hopper	Off line		Pipes	Box, Flat, Gon	Distribution	
Sand	Hopper	Off line		Beams	Flat	Distribution	
Gravel	Hopper	Off line					
Packaging	Box	Paper Products					
Packaging	Box	Plastic Products					
Ash	Cov Hopper	Power Utility					
Pallets	Box	Wood Products					
		6 Sources				1 Destination	

Paper Products							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Chemicals	Box, Tank	Chemical Products		Packaging	Box	Brewery	
Wood Chips	Hopper	Wood Products		Packaging	Box	Chemical Products	
Pallets	Box	Wood Products		Packaging	Box	Concrete Products	
Pulp wood	Gon	Off line		Packaging		Dairy Products	
Recycled paper	Box	Off line		Finished Goods	Box	Distribution	
Packaging	Box	Plastic Products		Packaging	Box	Frozen Foods	
				Packaging	Box	Wood Products	
				Packaging	Box	Meat Packing	
				Packaging	Box	Metal Products	
				Packaging	Box	Plastic Products	
				Waste paper & wood	Hopper	Power Utility	For fuel
		4 Sources				11 Destinations	

Plastic Products							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Pallets		Wood Products		Packaging	Box	Brewery	
Roll stock	Box	Off line		Packaging	Box	Chemical	
Flat, bar stock	Box	Off line		Packaging	Box	Concrete Products	
Pellets	Hopper	Off line		Packaging	Box	Dairy Products	
Packaging	Box	Paper Products		Finished Goods	Box	Distribution	
Chemicals	Box	Chemical Products		Packaging	Box	Distribution	
				Packaging	Box	Frozen Foods	
				Packaging	Box	Wood Products	
				Packaging	Box	Meat Packing	
				Packaging	Box	Metal Products	
				Packaging	Box	Paper Products	
				Packaging	Box	Paper Products	
				Scrap	Hopper	Power Utility	For fuel
						11 Destinations	

Metal Products							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Chemicals	Box	Chemical Products	Cleaning agents	Packaging	Box	Brewery	Barrels, cans
Pallets	Box	Wood Products		Packaging	Box	Chemical Products	
Roll stock	Box	Off line		Packaging	Box	Concrete Products	Rebar
Flat, bar stock	Box	Off line		Finished Goods	Box	Distribution	
Castings	Box	Off line		Packaging	Box	Distribution	
Packaging	Box	Paper Products		Packaging	Box	Frozen Foods	Aluminum trays
Packaging	Box	Plastic Products		Packaging	Box	Wood Products	Steel bands
				Transformers	Hopper	Power Utility	
				Towers	Flat	Power Utility	
				Wire	Box, Gon, Flat	Power Utility	
		5 Sources				7 Destinations	

Chemical Products							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Chemicals	Box, Tank	Off line		Chemicals	Box	Concrete Products	Coloring agents
Pallets	Box	Wood Products		Chemicals	Box, Tank	Dairy Products	Cleaning agents
Packaging	Box	Metal Products		Finished Goods	Box	Distribution	
Packaging	Box	Paper Products		Fertilizer	Hopper	Farm	
Packaging	Box	Plastic Products		Chemicals	Box, Tank	Meat Packing	Cleaning agents
Casein	Box, Tank	Dairy Products	Paint, glue	Chemicals	Tank	Metal Products	Cleaning agents, oils
				Chemicals	Box, Tank	Paper Products	Coloring agents, glue
				Chemicals	Box, Tank	Plastic Products	Plasticizers, coloring agents
				Chemicals	Box, Tank	Wood Products	Glue
		6 Sources				8 Destinations	

Ethanol Production							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Corn	Hopper	Farm		Ethanol	Tank	Chemical Products	
				Ethanol	Tank	Distribution	
				Carbon Dioxide	Tank	Distribution	
				Distillers Grain	Hopper	Farm	
		1 Source				3 Destinations	

Frac Sand Production							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Sand	Hopper	Off Line		Sand	Hopper	Distribution	
		1 Source				1 Destinations	

Meat Packing Plant							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Chemicals	Box	Chemical Products	Cleaning agents	Hanging carcass	Reefer	Distribution	
Live Cattle	Stock	Farm		Packages goods	Reefer	Distribution	
Grain	Hoppers	Farm		Blood	Tank	Distribution	
Live Cattle	Stock	Off line		Bones, Hoofs	?	Distribution	
Packaging	Box	Paper Products		Hides	Box	Distribution	
Packaging	Box	Plastic Products		Packages goods	Reefer	Frozen Foods	
Pallets	Box	Wood Products					
		6 Sources				2 Destinations	

Frozen Foods Plant							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Dairy Products	Reefer	Dairy Products		Finished Goods	Reefer	Distribution	
Veggies	Reefer	Farms					
Fruits	Reefer	Farms					
Poultry	Reefer	Farms					
Meat Products	Reefer	Meat Packing					
Packaging	Box	Metal Products	Aluminum trays				
Veggies	Reefer	Off line					
Fruits	Reefer	Off line					
Packaging	Box	Paper Products					
Packaging	Box	Plastic Products					
Pallets	Box	Wood Products					
		7 Sources				1 Destination	

Farm							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Spent Grain	Hopper	Brewery	Animal feed	Grain	Hopper	Distribution	
Seed	Hopper	Off line		Milk	Tank	Dairy Products	
Fertilizer	Hopper	Chemical Products		Grain	Hopper	Brewery	
Distillers grain	Hopper	Ethanol Prod	Animal feed	Poultry	Stock	Frozen foods	
				Cattle	Stock	Meat Packing	
				Corn	Hopper	Ethanol Prod	
		3 Sources				5 Destinations	

Dairy Products							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Chemicals	Box	Chemical Products	Cleaning agents	Casein	Tank	Chemical Products	Glue, paints
Milk	Tank	Farm		Whey	Tank	Distribution	Used in various foods
Packaging	Box	Paper Products		Milk	Tank	Distribution	
Packaging	Box	Plastic Products		Cheese	Reefer	Distribution	
Pallets	Box	Wood Products		Ice Cream	Reefer	Distribution	
				Butter	Reefer	Distribution	
		5 Sources				1 Destination	

Brewery							
Incoming Load	Car Type	From	Notes	Outgoing Load	Car Type	To	Notes
Hops	Hopper	Off line		Beer	Tank, Box	Distribution	
Grain	Hopper	Farm		Spend grain	Hopper	Farm	
Packaging	Box	Paper Products					
Packaging	Box	Plastic Products					
Packaging	Box	Metal Products	Barrels, cans				
Pallets	Box	Wood Products					
		6 Sources				2 Destination	

Distribution Center – This may be a warehouse with rail service or a rail yard. More than one may be desirable.

Some of the producer operations may be more than one physical facility.