

APPENDIX C - TANK INVENTORY

TANK INVENTORY									
Tank ID	Tank Contents	Location	Indoors / Outdoors	Volume (L)	Primary Containment	Secondary Containment	Tertiary Containment	Surfacing	Above or below ground
Refrigerants									
	Glycol	Glycol Room	Indoors	20,000	Stainless steel tank	Double skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Glycol			20,000					
Clean in Place Chemicals									
	Caustic	4 Channel CIP	Indoors	8,000	Stainless steel tank	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Acid	4 Channel CIP		10,000					
	Caustic	2 Channel CIP		8,000					
	Acid	2 Channel CIP		10,000					
	Caustic	Tank Wash	Outdoors	1,000	IBC	IBC		Concrete surfacing	Above ground
	Acid	Tank Wash		1,000	IBC	IBC			
Dosing - R/O Water									
	Chlorine Dioxide Tank	Adjacent to the Workshop	Outdoors	20,000	Stainless steel tank	Double skinned tank	No tertiary containment	Concrete surfacing	Above ground
Raw Materials									
	Milk - Receipt Tank 1	Southwest Corner of Site	Outdoors	275,000	Single skinned, insulated stainless steel tank.	Drainage system to 300,000 L underground attenuation tank acts as secondary containment	Drains in the area run to a 300,000L underground attenuation tank, which is over pumped to sewer.	Concrete surfacing	Above ground
	Milk - Receipt Tank 2			275,000					
	Milk - Receipt Tank 3			275,000					
	Milk - Receipt Tank 4			275,000					
	Milk - Receipt Tank 5			275,000					
	Milk - Receipt Tank 6			275,000					
	Milk - Receipt Tank 7			275,000					
	Milk - Receipt Tank 8			275,000					
	Skim Milk Tank for Dryer - Tank 1	Adjacent to Drying Room	Indoors	275,000	Insulated stainless steel tank.	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Skim Milk Tank for Dryer - Tank 2			275,000					
	Skim Milk Tank for Dryer - Tank 3			275,000					
	Skim Milk Tank for Dryer - Tank 4			180,000					
	Skim Milk Tank for Dryer - Tank 5			180,000					
	Cream Tank 1 - Process Room	Process Room	Indoors	1,500	Stainless steel tank	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Cream Tank 2 - Process Room			1500					
	Cream Tank 3 - Process Room			1,500					
	Cream Tank 4 - Process Room			200					
	Cream Tank 1 - Loading Yard	Loading Yard	Outdoors	100,000	Stainless steel tank	Single skinned tank	Drains in the area run to a 300,000L underground attenuation tank, which is over pumped to sewer.	Concrete surfacing	Above ground
	Cream Tank 2 - Loading Yard			100,000					
	Cream Tank 3 - Loading Yard			20,000					
	Cream Tank 1 - First Floor	First Floor	Indoors	10,000	Stainless steel tank	Double skinned	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Cream Tank 2 - First Floor			10,000					
	Cream Tank 3 - First Floor			10,000					
	Cream Tank 4 - First Floor			10,000					
	Indoor Milk Tank 1	First Floor	Indoors	40,000	Stainless steel tank	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Indoor Milk Tank 2			40,000					
	Indoor Milk Tank 3			40,000					
	Indoor Milk Tank 4			40,000					
	Indoor Milk Tank 5			40,000					
	Indoor Milk Tank 6			40,000					
	Indoor Milk Tank 7			40,000					
	Indoor Milk Tank 8			40,000					
Intermediate / Process Tanks									
	Balance Tank 1	Process Room	Indoors	500	Stainless steel tank	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Balance Tank 2			500					
	Balance Tank 3			500					
	Dryer Concentrate Tank 1	Drying Room	Indoors	6,000	Stainless steel tank	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Dryer Concentrate Tank 2			6,000					
	Dryer Concentrate Tank 3			6,000					
	Dryer Concentrate Tank 4			6,000					
	Dryer Concentrate Tank 5			6,000					
	Evaporative Tank 1	Evaporative Room 1	Indoors	5,000	Stainless steel tank	Double skinned	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Evaporative Tank 2			5,000					
	Water Tank 1	Evaporative Room 2	Indoors	5,000	Stainless steel tank	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Evaporative Tank 3			6,000					
	Evaporative Tank 4			6,000					
	Water Tank 2			6,000					
Product									
	Powder Silo 1	Powder Plant Room	Indoors	50,000	Stainless steel tank	Single skinned tank	Internal drains run to sump which is overpumped to the waste effluent tank and discharged to sewer. Testing can be taken of the contents of the sump and / or effluent tank prior to discharge to sewer.	Concrete surfacing	Above ground
	Powder Silo 2			50,000					
	Powder Silo 3			40,000					
	Powder Silo 4			40,000					
Waste									
	Waste effluent	Southwest Corner of Site	Outdoors	90,000	Stainless steel tank	Single skinned tank. Tank is monitored for quality and can be shut off via a valve to prevent discharge to sewer.	Drains in the area run to a 300,000L underground attenuation tank, which is over pumped to sewer.	Concrete surfacing	Above ground
	Waste Product - Process Building	Southwest Corner of Site		40,000					
	Waste Product - Dryer Waste	Loading Yard (North)		45,000					
	Waste Sediment - Drying Process	Loading Yard (North)		40,000					
	Waste Effluent - Drying Process	Loading Yard (North)		20,000					
Fuel									
	Kerosene Tank 1	Adjacent to Powder Plant	Outdoors	60,000	Stainless steel tank	Double skinned and within bund.	Drains in the area run to a 300,000L underground attenuation tank, which is over pumped to sewer. Effluent tank itself is over pumped through stainless steel pipework within the process building to the waste effluent tank in the southwest corner of site, prior to discharge to sewer.	Concrete surfacing	Above ground
	Kerosene Tank 2	Service Area		10,000	Stainless steel tank	Integrally banded	No tertiary containment		
	Kerosene Tank 3			10,000	Stainless steel tank	Integrally banded	No tertiary containment		
	Diesel Tank	Service Area	2,500	Stainless steel tank	Double skinned	Drains in the area run to a 300,000L underground attenuation tank, which is over pumped to sewer. Effluent tank itself is over pumped through stainless steel pipework within the process building to			
	Emergency Generator		1,000	Belly tank	Double Skinned	No tertiary containment			