

Appendix N: Project Chemicals

February 2020

APPENDIX N PROJECT CHEMICALS

Chemical	Drilling	Construction Camp	Construct Pipe	Catering	Water Treatment Plant	MST	Pump Station	Pressure Station	Wastewater Treatment Plant
Bentonite HV	y								
Soda Ash	y								
AUS - Det	y								
Pac -R	y								
AMC Shur - Seal	y								
AMC Xan- Bore	y								
Liquisperse	y								
AMC CR - 650	y								
AMC- Aus - Grip A	y								
Nitric Acid	y								
Unleaded Gasoline	y	y	y	y		y	y	y	
Cyclopentane									
Tolyene Di-isocyanate (TDI)									
Methylene Diphenyl Di-isocyanate (MDI)									
Acetylene									
Polyol									
Polyurethane									
Fusion Bonded Epoxy Coating (FBE)									

Chemical	Drilling	Construction Camp	Construct Pipe	Catering	Water Treatment Plant	MST	Pump Station	Pressure Station	Wastewater Treatment Plant
Polyethylene									
Sulphuric Acid (Battery Acid)		y	y			y			
Silicon Sealant (Silicon Rubber Sealant)		y	y						
Red Oxide									
Spray Paint (Acrylic Epoxy)		y	y						
Methyl Formate (MF)									
Various Thinner & Solvents									
Hydrofluoroolefine (HFO)									
Coolants									
Cement		y							
Thinner		y							
Battery Terminal Protectors (Aerosols)		y	Y						
Epoxy Paints and Primers		y							
Epoxy Grout		y							
Adhesives		y							
Form Sealers		y							
Form Release Agents		y							
Biocides (hydrotest)			y						
Tolcide PS575 Biocide			y						
Acetic Acid 60% buffer			y						

Chemical	Drilling	Construction Camp	Construct Pipe	Catering	Water Treatment Plant	MST	Pump Station	Pressure Station	Wastewater Treatment Plant
Caustic soda 50% buffer (NaOH)			y						
Alclean 5032 (Phosphoric Acid)			y						
Squirts (Aerosols) Range (Aerosols)			y						
Pine-o-Clean Glen 20 Surface Spray			y						
Bleach Jik				y					
Detol Soap PKT				y					
Fabric Conditioner (Star soft)				y					
Liquid Soap				y					
Harpic				y					
Lt disinfectant				y					
Oven Cleaner				y					
Sterol Sterilising FLU				y					
Algae Control: Copper Sulphates (Algaecides)-CuSO ₄					y				
Flocculants:					y				y
Aluminium Sulphates- Al ₂ (SO ₄) ₃ .14H ₂ O					y				
Iron Sulphates-Fe ₂ (SO ₄) ₃					y				
Iron Chloride-FeCl ₃					y				
Sodium Silicate-Na ₂ O(SiO ₂) _n					y				

Chemical	Drilling	Construction Camp	Construct Pipe	Catering	Water Treatment Plant	MST	Pump Station	Pressure Station	Wastewater Treatment Plant
pH Control, Corrosion & Scale Control:					y				
Sodium Hydroxide-NaOH					y				
Calcium Carbonate-CaCO ₃					y				
Calcium Hydroxide-Ca(OH) ₂					y				
Disinfectants & Oxidants:			Y		y				
Sodium Hypochlorite-NaOCl					y				
Ion-Exchange Resins					y				
Calcium Hypochlorite-Ca(OCl) ₂					y				
Chlorine-Cl ₂					y				
Calcium Oxide-CaO					y				
Sodium Carbonate-Na ₂ CO ₃					y				
Fluoridation:					y				
Fluosilicic Acid-H ₂ SiF ₆					y				
Sodium Fluoride-NaF					y				
Alkanes (crude)						y	Y	Y	
Pyrene (crude)						y	y	y	
Benzothiophene (crude)						y	Y	Y	
Diesel	Y	Y	Y	Y		y	Y	Y	
Coagulants					Y				y
Poly-Aluminium Chloride									y
Polyamine									y

Chemical	Drilling	Construction Camp	Construct Pipe	Catering	Water Treatment Plant	MST	Pump Station	Pressure Station	Wastewater Treatment Plant
Anti-foams:									y
Polyglycol									y
Sodium dioctylsulphosuccinate									y
Bacteria Cultures & Nutrients: Peptone									y
Odour Control									y
Sodium Nitrate									y