

Partial Listing of Polyurethane Lined Piping Projects

Customer Location	Pipe Dia Inches	Lining Thk Inches	Installed Linear Feet	Product Transport	Solids (%)	Particle Size	Velocity F/S	Material
Simplott Idaho, USA	7	3/8	26,000	Phosphate	60%	-15mm	10	Urethane
Asarco/Troy Montana, USA	8	1/4	73,000	Copper Tailings	56%	-200 Mesh	7	Urethane
Kennecott New Mexico, US	16	1/2	5,000	Copper Tailings	48%	4% +4 Mesh 48% - 325 Mesh	7-9	Urethane
Cities Service Arizona, USA	4	1/2	3,000	Sand Fill		-250 Mesh -125 Mesh		Urethane
Inland Steel Minnesota, USA	8	1/4	2,000	Taconite Tailings	56%			Urethane
Kennecott Utah, USA	8	1/4	20,000	Smelter Slag				Urethane
Cyprus/Thompson Creek Idaho, USA	8	1/4	5,000	Moly Tailings				Urethane
Asarco/Troy Montana, USA	8	1/4	5,000	Copper Tailings	56%	-200 Mesh	7-9	Urethane
U.S. Steel West Virginia, USA	4	1/4	10,000	Coal Refuse	35%	-28 Mesh		Urethane
Kennecott New Mexico, USA	16	3/8	48,000	Copper Tailings	48%	4% +4 Mesh 48% - 325 Mesh	7-9	Urethane
Codelco Chile, SA	34	1/2	7,700	Copper Tailings	55%	-35 Mesh	8-13	Urethane
New Zealand Steel New Zealand	8	3/8	64,000	Iron Sands	49%		8	Urethane
National Steel Minnesota, USA	22	1/4	7,000	Taconite Tailings	43%	-6mm	8	Urethane
Hanna Steel Minnesota, USA	22	1/4	4,000	Taconite Tailings	43%	-6mm	8	Urethane
Falconbridge Ontario, Canada	9	1/2	6,000	Copper Tailings	-10%	-1mm	16	Urethane
Kennecott New Mexico, USA	16	3/8	2,000	Copper Tailings	48%	4% +4 Mesh 48% - 325 Mesh	7-9	Urethane
Bougainville Copper Bougainville PNG	34	3/8	120,000	Taconite Tailings	53-62%	-2.4mm	11	Urethane
Samarco Brazil, SA	8	1/2	16,000	Iron Ore Slurry	60%	4% 65 Mesh 50% -200 Mesh	10	Urethane
Asarco Ray, Hayden Arizona, USA	20	3/8	5,500	Copper Tailings	35-50%	16% -20 +100 Mesh	9-13	Urethane
Pinto Valley Miami, AZ	28	3/8	12,600	Copper/Ore Tailings	52%	11 % - 20 Mesh 65% - 325 Mesh	7.9	Urethane
LaCandelaria Chile. SA	22	3/8	8,000	Copper Tailings				Urethane
Kennecott Utah, USA	48	1/2	2,000	Copper Tailings	36%		7.8	Urethane
FMI Climax Colorado USA	4 to 24	3/8	10,000	Molybdenum Tailings				Urethane
FMI Sierrita Arizona USA	36	1/2	6,000	Copper Tailings	56%	-200 Mesh	7-9	Urethane
Suncor Alberta, Canada	30	1"	270,000	Oil Sands Tailings	30%	51mm	10.5	Urethane Iracore
Syncrude Alberta, Canada	30 to 36	1" to 1.425"	65,000	Oil Sands Hydrotransport	35%	200mm	13.5	Urethane Iracore
CNRL - Albian Sands Alberta, Canada	4 to 24	1.375"	82,000	Oil Sands Tailings	35%	51mm	15.5	Urethane Iracore

Note: The above listed major jobs also included fittings, elbows, etc., which are not included in total linear feet lined.