



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2004	Northwest Pipe	Prospect - Phase II	Pacificorp Bob Atwood: 503.813.6696 Black & Veatch Wayne Kerns: 913.458.2000	Penstock	2,070' of 96" 20 mils lining & 25 mils coating
2005	Northwest Pipe	Candelaria - Guatemala	Hidroelectrica Candelaria EES Consulting Jack Snyder: 360.352.5090	Penstock	2,485' of 48" 25 mils lining & 30 mils coating
2005	Northwest Pipe	Prospect - Phase III	Pacificorp Bob Atwood: 503.813.6696 Black & Veatch Wayne Kerns: 913.458.2000	Penstock	2,200' of 78" 20 mils lining & 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2005	Northwest Pipe	Port Westward Gen. Plant	Portland General Electric Black & Veatch Rob Phelps: 913.458.2578	Penstock	853' & 200' of 66" & 48" 20 mils lining & 60 mils coating
2006	Northwest Pipe	Fitzsimmons Creek	Innergex/Ledcor Richard Blanchet: 604.633.9990 AECOM (RSW)	Penstock	1,439' of 42" 20 mils lining & 25 mils coating
2007	Northwest Pipe	Douglas and Fire Creek	Innergex (Cloudworks) Richard Blanchet: 604.633.9990 Knight Piesold Bert Scherman: 604.685.0543	Penstock	14,500' of 80" 20 mils lining & 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2008	Northwest Pipe	Stokke, Tippela, Lamont Hydro	Innergex (Cloudworks) Richard Blanchet: 604.633.9990 Knight Piesold Bert Scherman: 604.685.0543	Penstock	10,560' of 64" 20 mils potable lining & 25 mils coating
2008	Northwest Pipe	Bart Lake Penstock	Alaska Light and Power 907.463.6324 Alaska Light and Power 907.463.6324	Penstock	8,000' of 60" 25 mils coating
2009	Northwest Pipe	Glen Hydro Penstock Replacement	Central Vermont Public Service Kleinschmidt Energy & Water Cons. 207.487.3328	Penstock	500' of 78" 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2009	Northwest Pipe	East Toba/Montrose	Toba Montrose General Partnership (Alterra) 604.669.4999 Knight Piesold Bert Scherman: 604.685.0543	Penstock	7,874' & 18,044' of 96" & 108" 20 mils lining & 25 mils coating
2009	Northwest Pipe	Juniper Ridge	Central Oregon Irrigation District 541.382.4077 Sunrise Engineering 801.523.0100	Penstock	13,523' of 108" 20 mils lining & 25 mils coating
2009	Corrcoat Services	Upper Stave Hydro	Innergex (Cloudworks) Richard Blanchet: 604.633.9990 Knight Piesold Bert Scherman: 604.685.0543	Penstock	6,300' of 148" 20 mils potable lining & 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2009	Northwest Pipe	Ashlu Hydro	Innergex Richard Blanchet: 604.633.9990 AECOM (RSW)	Penstock	609' of 110" 20 mils potable lining & 25 mils coating
		Adelanto, CA			
2010	Northwest Pipe	Coleman Penstock	PG&E Ashu Shirolkar: 916.858.2423 Black & Veatch Ashu Shirolkar: 916.858.2423	Penstock	3,600' of 84" 20 mils potable lining & 25 mils coating
		Portland, OR			
2010	Northwest Pipe	Bear Creek Hydro	Regional Power (BC) Jean-Francis Martell All-Span Engineering	Penstock	3,117' of 42" 20 mils potable lining & 25 mils coating
		Portland, OR			



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Location	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2011	Northwest Pipe	Portland, OR	Drum Forebay Hydro Penstock 1 & 2	PG&E Corp PG&E Corp Cathy Ly: 415.973.3647	Penstock	780' of 66" 20 mils lining & 30 mils coating
2011	Northwest Pipe	Portland, OR/	Drum Forebay Penstock 1 & 2	PG&E Corp Cathy Ly: 415.973.3647 PG&E Corp Cathy Ly: 415.973.3647	Penstock	2,736' of 36" 20 mils lining & 30 mils coating
2012	T Bailey Inc.	Seattle, WA	Dorena Lake Hydroelectric Project	Army Corp of Engineers Bingham Engineering Judd Lawrence: 801.580.1687	Penstock	400' of 120" 25 mils lining & 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2012	Hancock Sandblast and Paint Pasco, WA	Long Lake Penstock Rehabilitation	Avista Utilities Eric Atkinson: 800.936.9187 Avista Utilities	Penstock	236' of 192" lined insitu 40 mils lining
2012	T-Bailey Seattle, WA	Blue Lake Penstock	City of Sitka Hatch Associates Engineering Peter Rodrigue: 716.689.3737	Penstock	380' of 108" 20 mils lining & 25 mils coating
2013	Corrcoat Services Surrey, BC	Sakwi Creek Hydro	Wind River Hydro Kawa Engineering Glenn Ichikawa: 604.669.5292	Penstock	1,740' of 24" 20 mils lining & 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2013	Northwest Pipe	Volcano Creek Hydro	AltaGas Travis Anderson: 604.623.4772 AltaGas Travis Anderson: 604.623.4772	Penstock	8,200' of 72" 20 mils lining & 25 mils coating
2013	Corrcoat Services	Jamie Creek Hydro	Sequoia Energy 204.927.0290 Sigma Engineering Eric Redmond: 604.688.8271	Penstock	2,460' of 54" 20 mils lining and 25 mils coating
2013	Northwest Pipe	Kokish Hydro	Brookfield Renewable Energy Knight Piesold Egbert Scherman: 604.685.0543	Penstock	25,402' of 109" 25 mils lining & 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2013	Northwest Pipe	Volcano Creek Hydro	Alta Gas Travis Anderson: 604.623.4772 Gygax Engineering Associates, Ltd. Adrian Gygax: 604.254.3914	Penstock	8,200' of 72" 20 mils lining & 30 mils coating
2013	Northwest Pipe	Kwoiek Creek Hydro Project	Innergex/Kanaka Bar Indian Band Richard Blanchet: 604.633.9990 HDR (Amnis)	Penstock	7,886' of 80" & 15,605' of 76" 20 mils lining & 25 mils coating
2014	Northwest Pipe	Upper Waiahii Penstock Replacement Project	ITC Water Management Harold Edwards: 808.630.1738 McMillen, LLC.	Penstock	456' of 36" 40 mil lining & 45 mil coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Location	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2015	Corrcoat Services	Surrey, BC	Lorenzetta Creek Hydro Project	Zella Corporation Michael Sohy: 604.746.7724 Zella Corporation Michael Sohy: 604.746.7724	Penstock	3,500' of 24" 20 mils lining
2015	Northwest Pipe	Portland, OR	Upper and Lower Waiahii Penstock	ITC Water Management Harold Edwards: 808.630.1738 McMillen, LLC.	Penstock	1,200' of 36" 40 mil lining & 45 mil coating
2015	Northwest Pipe	Portland, OR	Allison Creek Hydro	Copper Valley Electric Association McMillen, LLC. Travis Shelton: 208.921.9593	Penstock	6,000' of 38" 25 mils lining & 35 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2016	Northwest Pipe	Hancock Creek Hydro	Snohomish Public Utility District Dawn Pressler: 425.783.1709 EES Consulting Scott Mahnken: 425.889.2700	Penstock	7,920' of 44"
2016	Northwest Pipe	Calligan Creek Hydro	Snohomish Public Utility District Dawn Pressler: 425.783.1709 EES Consulting Scott Mahnken: 425.889.2700	Penstock	6,336' of 46"
2016	Jindal Tubular	Fleish Penstock Replacement	Truckee Meadows Water Authority Shaw Engineering Paul Winkelman: 775.329.5599	Penstock	360' of 96" 40 mils lining and 25 mils coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2016	Northwest Pipe	Hunter Creek Hydro	Wind River Hydro 604.854.5465 Kawa Engineering Glenn Ichikawa: 604.669.5292	Penstock	6,600' of 42" 25 mils
2016	Northwest Pipe	"C" Flume Replacement	Bureau of Reclamation James Gale: 541.880.7580 Anderson Perry Brett Moore: 541.4864491	Penstock	4,200' of 120" 25 mils lining & coating
2016	Northwest Pipe	Hancock Creek Hydro	Snohomish PUD District 1 Dawn Pressler: 425.783.1709 EES Consulting Scott Mahnken: 425.889.2700	Penstock	7,920' of 44" 25 mils lining & coating



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2016	Northwest Pipe	Chickwat Creek Hydro	Blue Earth Renewables 403.668.1575 Kawa Engineering Glenn Ichikawa: 604.669.5292	Penstock	1,440' of 54" 25 mils
	Portland, OR				
2017	Mid America	Grandfather Falls Hydroelectric Project	Wisconsin Public Service Winsconsin Public Service	Penstock	1,350' of 132" & 156" 30 mils coating
	Scammon, KS				
2017	Northwest Pipe	Upper Ramona Penstock	Blue Earth Renewables BBA Engineering Glen Ichikawa: 604.661.2111	Penstock	4,100' 26" 20 mils lining & 25 mils coating
	Portland, OR				



LIFE LAST[®]
Innovation Through Formulation

PENSTOCK PROJECTS

EFFECTIVE: 04/08/2020

Date	Applicator	Project	Owner Contact Engineer Contact	Service Environment	Quantities Polyurethane
2018	Mid America	Rio Grande Dam Intake	San Luis Valley Irrigation District Deere and Alt Engineering	Penstock	450' of 127" & 100' of 84" 25 mils lining and 25 mils coating
2018	Northwest Pipe	Olokele Penstock	Kauai Island Utility EES Consulting Jack Snyder: 360.352.5090	Penstock	2,600' of 40" 25 mils lining & 25 mils coating
2019	Northwest Pipe	Gunnuk Creek Hydro	Inside Passage Electric Cooperative Brandon Shaw: 907.364.3033 HDR Paul Berkshire: 907.644.2000	Penstock	2,400 LF of 54" 25 mils lining and 25 mils coating