

## Final Project Completion Report

**Project Name and Number:** SWJVGWP Byproduct Pipeline Ph. II & III (3300E)

**Description:** Construction of Byproduct Pipeline for the Southwest Groundwater Treatment Project from 9200 West to Kennecott Toe Ditch Discharge Point (total distance 7 miles). The work included the Pressure Sustaining Vault near the Great Salt Lake.

<b>Engineer: Carollo Engineers w/ Bowen Collins &amp; Associates</b>		<b>Design Status: 100%</b>
Original Engineering Contract Amount:		\$1,033,415
Current Engineering Contract Amount:		\$1,840,274

<b>Contractor: COP Construction</b>		<b>Construction Status: 100%</b>
Original construction contract amount:		\$2,655,018
Total Change Order amount:		\$3,685,816
Current construction contract amount:		\$6,340,834
Total change orders as a percentage of original contract:		138.8%

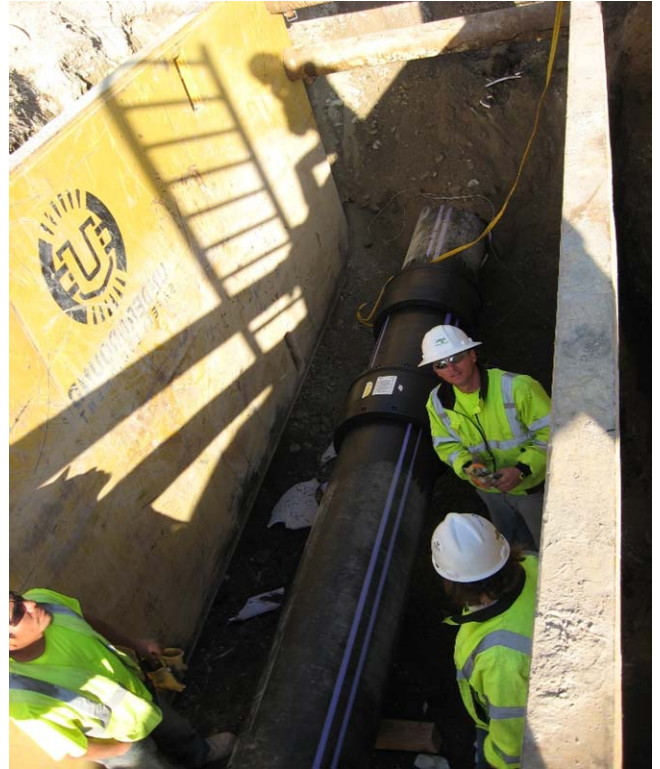
<b>Summary of Change Orders:</b>		
	<b>Description</b>	<b>Amount</b>
1	Additional survey and changes to the steel pipe coating in PSV Vault	\$21,727
2	Kennecott garbage removal	\$3,240
3	Rock excavation at 1412+00	\$22,915
4	Rock excavation from 1412+47 to 1414+80	\$7,758
5	N/A	N/A
6	Quantities reconciliation for pipe and backfill material	-\$1,179
7	Rock excavation from 1410+50 to 1412+50, 1414+80 to 1415+50	\$16,046
8	Denso Wrap for buried connections	\$4,178
9	Modifications to the PSV Vault and Air Valve Vault #8	\$11,201
10	Ames Vault repair	\$41,325
11	Claims and remaining quantities reconciliation	\$248,807
12	Byproduct Pipeline Reconstruction	\$3,473,455
13	Reconstruction quantities reconciliation	-\$163,656

**TOTAL CHANGE ORDER AMOUNT: \$** \$3,685,816

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Fusing HDPE pipe at Kennecott



Installing couplers on HDPE pipe



Pipe bursting to install new HDPE pipe



Completed toe ditch discharge point



Completed pressure sustaining vault near the Great Salt Lake