

**LETTER OF TRANSMITTAL**



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227 North Upper Street  
Lexington, KY 40507-1016

**Date:** 11/20/14

**Job No.** 998-30

**RECEIVED**

NOV 21 2014

PUBLIC SERVICE  
COMMISSION

**TO:** Ms. Linda Faulkner  
Public Service Commission  
211 Sower Blvd.  
Frankfort, KY  
40602-0615

**Subject:** BCWD – Frozen Creek Waterline  
Phase 1  
Record Drawings

**WE ARE SENDING YOU:**

Estimate \_\_\_\_\_ Plans  Change Order \_\_\_\_\_ Report \_\_\_\_\_  
Copy of Letter \_\_\_\_\_ Other \_\_\_\_\_

COPIES	DATE	DESCRIPTION
1	11/18/14	CD containing record drawings of the Breathitt County Water District – Frozen Creek Waterline Phase 1
1	11/18/14	Certification Letter
1	11/18/14	Final Construction Costs

**THESE ARE TRANSMITTED AS CHECKED BELOW:**

\_\_\_\_\_ For approval \_\_\_\_\_ Approved as Submitted  For Your Information and Files  
\_\_\_\_\_ For Your Use \_\_\_\_\_ Approved as Noted \_\_\_\_\_ For Your Necessary Action  
\_\_\_\_\_ As Requested \_\_\_\_\_ Returned for Corrections \_\_\_\_\_ For Review and Comment

REMARKS:

SIGNED:

Michael M. Steen  
Senior Engineering Technician

COPIES TO: file

**If enclosures are not as noted, kindly notify us at once.**



November 18, 2014

Mr. Solitha Dharman  
Division of Water  
200 Fair Oaks, 4<sup>th</sup> Floor  
Frankfort, KY 40601

RE: Breathitt County Water District  
Frozen Creek Waterline Project  
PWSID #0131012-11-002, AI# 45303, APE 20110002  
Breathitt County, Kentucky

Dear Mr. Dharman:

Enclosed is one (1) full sized set of Record Drawings for Frozen Creek Waterline. I certify that these facilities, as shown on these drawings, were, to the best of my knowledge, constructed in accordance with DOW's approved plans, specifications and guidelines. Construction on the above mentioned project was completed in October, 2014.

Thank you for your time and attention to this matter. If you have any questions please do not hesitate to contact me at your convenience.

Sincerely,

Paul D.. Nesbitt, PE  
Project Manager

c: BCWD  
File



**Breathitt County Water District**  
**Frozen Waterline Project - Phase I**  
**FINAL ADJUSTING CHANGE ORDER (FACO)**

Date last updated

998-30-08

Contract Bid Items			Final Adjusting Change Order Amounts		
Item No.	Description	Unit	Tot. Quant. Installed	Total Installed Cost	Variance from Contract
1	Tie to Existing Waterline w/ Tapping Sleeve & Valve	LS	3	\$ 21,000.00	\$ 7,000.00
2	8" PVC DR 14 Waterline	LF	57,221	\$ 801,094.00	\$ 22,414.00
3	6" PVC DR 14 Waterline	LF	0	\$ -	\$ (6,000.00)
4	4" PVC DR 14 Waterline	LF	463	\$ 4,398.50	\$ (1,681.50)
5	2" PVC DR 14 Waterline	LF	0	\$ -	\$ (7,600.00)
6	8" D.I. CL350 W/ Nitrile Gaskets Waterline	LF	981	\$ 39,240.00	\$ 9,720.00
7	10" DR 9 HDPE Directional Drill	LF	5,034	\$ 755,100.00	\$ (51,600.00)
8	6" DR 9 HDPE Directional Drill	LF	150	\$ 18,000.00	\$ (15,600.00)
9	12.25" I.D. Steel Casing Directional Drilled w/ Carrier Pipe	LF	360	\$ 72,000.00	\$ (60,000.00)
10	8" D.I.M.J. Gate Valve & Box	EA	26	\$ 31,200.00	\$ (10,800.00)
11	6" D.I.M.J. Gate Valve & Box	EA	1	\$ 900.00	\$ -
12	4" D.I.M.J. Gate Valve & Box	EA	3	\$ 2,250.00	\$ (3,750.00)
13	Combination Air Relief Valve	EA	5	\$ 7,500.00	\$ -
14	Flow Monitoring Pit	EA	0	\$ -	\$ -
15	Flushing Hydrant Assembly, Type 1	EA	15	\$ 52,500.00	\$ (3,500.00)
16	Flushing Hydrant Assembly, Type 3	EA	2	\$ 4,000.00	\$ (6,000.00)
17	5/8" x 3/4" Meters Only (Orion Radio Read Profiler)	EA	26	\$ 9,100.00	\$ -
18	5/8" x 3/4" Tandem Setter Meter Tub w/ipv (installed)	EA	98	\$ 78,400.00	\$ 34,400.00
19	Install Single Setter Meter Tubs (supplied by owner)	EA	0	\$ -	\$ (24,000.00)
20	3/4" CI 200 service line	LF	2,653	\$ 18,571.00	\$ (10,829.00)
21	1" CI 200 service line	LF	428	\$ 3,317.00	\$ (8,308.00)
22	Hwy Xing Bore & Jack w/ 10.75" steel casing w/ Carrier Pipe	LF	0	\$ -	\$ (11,100.00)
23	Hwy Xing Bore & Jack w/ 12.75" steel casing w/ Carrier Pipe	LF	185	\$ 36,630.00	\$ (14,850.00)
24	Hwy Xing Bore & Jack w/ 16" steel casing w/ Carrier Pipe	LF	35	\$ 11,375.00	\$ 11,375.00
25	Waterline Marker	EA	0	\$ -	\$ (5,300.00)
26	Relocate Existing Master Meter Vault	LS	1	\$ 8,000.00	\$ -
27	Pressure Reducing Valve & Vault	EA	2.0	\$ 13,000.00	\$ -
28	Duplex Booster Station w/ Trailer Mounted Generator	EA	1.00	\$ 100,000.00	\$ -
29	Scada Telemetry Package	LS	1.00	\$ 110,000.00	\$ -
30	Remove Existing Hydro pneumatic Pump Station	LS	0	\$ -	\$ -
CO1-31	Drainage Fabric	SY	1,934.00	\$ 7,736.00	\$ 6,936.00
CO3-32	PS Concrete and Drainage	LS	1.00	\$ 11,071.24	
CO4-33	G & W Complete Project	LS	1.00	\$ 199,367.63	
Total Variance from Contract Amount =					\$ (149,073.50)
Final Contract Amount =					\$ 2,415,750.37

Water Storage Tank \$ 307,500.75  
**Total Construction Cost \$ 2,723,251.12**