COLUMBUS CITY UTILITIES
1111 McClure Road
P.O. Box 1987
Columbus, IN 47202-1987

812-372-8861
812-376-2427 FAX
www.columbusutilities.org

June 14, 2013

To: Utility Service Board

From: Ed Bergsieker
Manager of Engineering

RE: Walesboro Lift Station and Forcemain Replacement, Contract A
Final Acceptance

The installation of the above referenced project is now complete and it is being presented to the Board at this time for final acceptance.

The original contract amount was $2,297,292.00 with Bowen Engineering Inc. It has been adjusted to $2,303,017.00 by previously approved change orders. The change orders for this contract have a net increase of $5,725.00, which represents a net increase in scope of 0.25% of the original contract amount.

All necessary tests and inspections were performed under the direction of GRW inspectors during the construction of this project. All necessary papers have been received from the contractor. I would recommend that the Board approve this work and authorize release of the contractor's retainage.

COLUMBUS CITY UTILITIES
1111 McClure Road
P.O. Box 1987
Columbus, IN 47202-1987

812-372-8861
812-376-2427 FAX
www.columbusutilities.org

June 14, 2013

To: Utility Service Board

From: Ed Bergsieker
Manager of Engineering

RE: Walesboro Sanitary Sewer Rehabilitation, Contract B
Change Orders #5

Please find Change Order #5 attached for this project. Contract B's Change Order #5 is the result of using existing sewer as-built dimensions to quantify the amount of materials needed to complete Change Order #1 (Change Order #1 was the result of moving CIPP work from Contract A to Contract B to take advantage of Contract B's lower cost per foot bid). The actual quantity of materials required to complete the work in Change Order #1 exceeded the quantities included in the approved Change Order #1, so Change Order #5 is needed for the extra quantities. Additionally, the final adjusting Change Order #4 did not account for the interior manhole sealing of two (2) manholes that were part of the original Contract B awarded project that could not be sealed until Change Order #1 work was complete.

Change order #5 is for final quantity adjustments between as-bid and as-built conditions in the field. All of the contract bid items have been installed and therefore, we can have a final adjustment of quantities. The change order is for a net increase in the original Contract B for $5,853.00, which represents an increase in the project scope of 0.68% of the original contract amount.

Overall, through five (5) change orders, the contract has a net increase of $27,015.75, which represents a net increase of 3.1% overall due in majority to the as-built drawings incorrectly depicting the true field quantities represented in the project.

Staff is recommending approval of this change order. The copy of the proposed change order is attached for your reference.

CONTRACT CHANGE ORDER NO. **5**	PURCHASE ORDER NO.: DATE OF CONTRACT: **5/01/12** DATE OF COMPLETION: **10/29/12 S.C.** JOB NO.: **SRF No. WW08090304**

Name & Location of Project:
Columbus City Utilities
Contract "B" – Walesboro Sanitary Sewer Rehabilitation
City of Columbus, Indiana

Name & Address of Contractor: **Miller Pipeline LLC** **8850 Crawfordsville Road** **Indianapolis, Indiana 46234**	Owner: Columbus City Utilities of the City of Columbus, Indiana acting by and through its Utility Service Board.

To Contractor: You are hereby requested to comply with the following changes from the contract plans and specifications.

JUSTIFICATION:
Final quantity adjustments to Change Order No.1 work between As-Bid and As-Built conditions as measured in the field.

The final contract amount including all change orders is a net increase of $27,015.75 (or 3.1%) to the original contract price.

Changes to Contract Documents	Decrease In Contract Price	Increase In Contract Price
Final As-Built Quantity Adjustments to Change Order No.1 Quantity (See Attached Spreadsheet)		$5,853.00
TOTALS		
Net Change In Contract Price This Change Order	$	$5,853.00
	$	$5,853.00

Original Contract Amount Including Previous Change Order	$881,684.30
Amount Of ~~Decrease Or~~ Increase For This Change Order	$ 5,853.00
Contract amount to Date Including This and Previous Change Orders	$887,537.30

The Contract Period Provided For Completion Will Be
~~(Increased)~~ ~~(Decreased)~~ **(Unchanged)**

This document will become a supplement to the contract and all provisions will apply hereto:

ACCEPTED BY: _____ Contractor	CA Title	6/12/13 Date
RECOMMENDED BY: _____ Architect/Engineer	P.M. Title	6/7/13 Date

APPROVED BY UTILITY SERVICE BOARD:

Chairman	Member	Member
Member	Member	Date

CHANGE ORDER No. 5 Attachment

Owner: Columbus City Utilities
Contractor: Miller Pipeline Corp.
Project: Contract "B" - Walesboro Sanitary Sewer Rehabilitation

Number: 5
Date Issued: June 7, 2013

You are directed to make the following changes in the Contract Documents

ITEM NO.	DESCRIPTION OF CHANGE	UNIT	CHANGE ORDER #1 QUANTITY	QUANTITY INSTALLED	QUANTITY ADJUSTMENT	UNIT COST	COST INCREASE	COST DECREASE
C1-3	15-inch Cured-In-Place Pipe	LF	126	162	36	$ 39.50	$ 1,422.00	
C1-4	18-inch Cured-In-Place Pipe	LF	444	450	6	$ 45.50	$ 273.00	
C5-1	Interior Manhole Sealing	VF	0	21	21	$ 198.00	$ 4,158.00	
						Total	$ 5,853.00	$ -
					NET Increase (Decrease)		$ 5,853.00	

Notes:

COLUMBUS CITY UTILITIES
1111 McClure Road
P.O. Box 1987
Columbus, IN 47202-1987

812-372-8861
812-376-2427 FAX
www.columbusutilities.org

June 14, 2013

To: Utility Service Board

From: Ed Bergsieker
Manager of Engineering

RE: Walesboro Sanitary Sewer Rehabilitation, Contract B
Final Acceptance

The installation of the above referenced project is now complete and it is being presented to the Board at this time for final acceptance.

The original contract amount was $860,521.55, with Miller Pipeline LLC. It has been adjusted to $887,537.30 by previously approved change orders. Overall through five (5) change orders, this contract has a net increase of $27,015.75, which represents a net increase in scope of 3.14% of the original contract amount.

All necessary tests and inspections were performed under the direction of GRW inspectors during the construction of this project. All necessary papers have been received from the contractor. I would recommend that the Board approve this work and authorize release of the contractor's retainage.

COLUMBUS CITY UTILITIES
1111 McClure Road
P.O. Box 1987
Columbus, IN 47202-1987

812-372-8861
812-376-2427 FAX
www.columbusutilities.org

New Business #4

June 14, 2013

To: Utility Service Board

From: Ed Bergsieker
Manager of Engineering

RE: McCullough's Run Subdivision, Block H
Acceptance of Sewer Improvements

The Engineering Department has observed the sewer facilities installed in conjunction with the above referenced development. We have provided on-site inspection during the construction process, obtained all necessary "as-built" information and conducted all necessary tests.

Staff has received the Tender of Donation and a Maintenance Bond.

The project was constructed in compliance with plans and specifications prepared by E. R. Gray & Associates in Columbus. The Owner/ Developer for this project is Kocolene Development Corp.

COLUMBUS CITY UTILITIES
1111 McClure Road
P.O. Box 1987
Columbus, IN 47202-1987

812-372-8861
812-376-2427 FAX
www.columbusutilities.org

New Business #5
NO VOTE REQUIRED
DISCUSSION ONLY

June 12, 2013

To: Utility Service Board

From: Keith Reeves
Director

RE: Internal Biosolids Study

At our last meeting I promised an update on our investigations into alternative biosolids management programs. The study is not yet complete. We still have some cost figures to firm up, and I need to rework the way the life-cycle costs are being compared.

However, we are far enough along that I would like to share the various alternatives we are looking into. Some are what you would expect, like a return to land application for sludge disposal. Others are a bit more innovative and one in particular, is definitely “out of the box”.

I will have a brief presentation ready for the meeting and will email a copy beforehand as I complete it.