

## Change Order No. 005

Date of Issuance:	December 21, 2022	Effective Date:	December 21, 2022
Owner:	Rowan County, NC	Owner's Contract No.:	21466
Contractor:	Dellinger, Inc.	Contractor's Project No.:	P-1246
Engineer:	Hazen and Sawyer, P.C.	Engineer's Project No.:	32506-001
Project Site:	1375 Long Ferry Rd., Salisbury, NC	Contract Name:	NE Rowan County Chemical Booster Station

The Contract is modified as follows upon execution of this Change Order:

### Description:

Issued for minor changes in the Work without changes in Contract Price in lieu of liquidated damages for the project (per email communication on December 1, 2022). The Change Order will result in a change to Contract Times as noted below.

Route 2-inch PVC sump discharge line from existing Meter Vault sump pump and Injection Manhole new sump pump to common 3-inch PVC drain line. Refer to Sump Pump Discharge Schematic for additional details. Scope of work to include all equipment and accessories for a functional sump pump discharge system, including an Injection Manhole sump pump.

**Attachments:** Sump Pump Discharge Schematic, Email Documentation

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price:  \$ 742,900.41	Original Contract Times: Substantial Completion: <u>01-03-2022 (180 days from NTP)</u> Ready for Final Payment: <u>02-02-2022 (210 days from NTP)</u>
Previously approved change amount from Change Orders No. <u>0</u> to No. <u>4</u> : \$ 80,797.92	Previously approved days <u>219</u> from Change Orders No. <u>0</u> to No. <u>4</u> .
Contract Price prior to this Change Order:  \$ 823,698.33	Contract Times prior to this Change Order: Substantial Completion Date: <u>08-09-2022 (399 days)</u> Ready for Final Payment Date: <u>09-08-2022 (429 days)</u>
<b>Increase</b> of this Change Order: \$ 0.00	Increase of Days for this Change Order: <u>One-hundred forty-five (145) days</u>
Contract Price incorporating this Change Order:  \$ 823,698.33	Contract Times with all approved Change Orders: Substantial Completion Date: <u>01-01-2023 (544 days)</u> Ready for Final Payment Date: <u>01-31-2023 (574 days)</u>

Recommended:	Authorized:	Received:
By: <b>Sara Gibson, PE</b> <i>Engineer (Authorized Signature)</i>	By: <i>Owner (Authorized Signature)</i>	By: <i>Contractor (Authorized Signature)</i>
Title:	Title:	Title:
Date:	Date:	Date:

**Approved by Funding Agency (if applicable)**

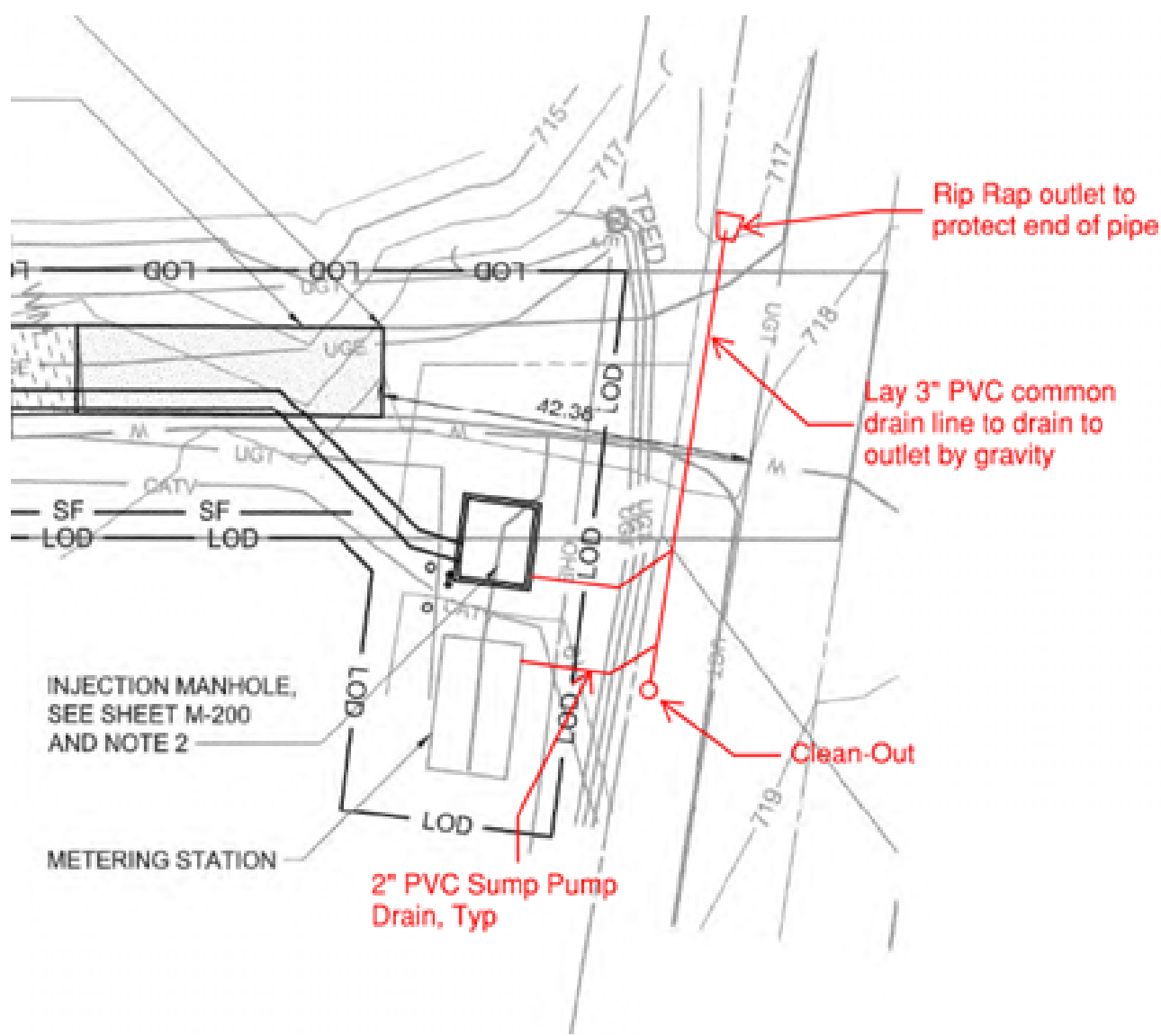
By:	Date:
Title:	

**Rowan County  
Chemical Booster Station  
Summary RFP's, WCD's and Change Orders  
Updated December 21, 2022**

RFP No.	WCD No.	RFC No. / Date	Change Order No.	Description	Cost	Credit	Net	Adjusted Contract Amount	Adjusted S.C. Duration	Adjusted S.C. Date	Adjusted F.C. Duration	Adjusted F.C. Date	Status / Comments
				<b>Original Contract Amount / Durations / Dates</b>				<b>\$742,900.41</b>	<b>219</b>	<b>8/9/2022</b>	<b>219</b>	<b>9/8/2022</b>	
	001	001	001	Wiring for 4-20 mA Functionality for Metering Pumps	\$1,939.48		\$1,939.48	\$744,839.89	0				VOID by FO-001.
001		003	001	Additional Programming for 4-20 mA Functionality	\$2,150.57		\$2,150.57	\$745,050.98					CO 001 Executed
002		002	001	40 kW Generator/Manual Transfer Switch Relocation	\$74,672.53		\$74,672.53	\$819,723.51					CO 001 Executed
			<b>001</b>	<b>Change Order No. 1</b>	<b>\$76,823.10</b>	<b>\$0.00</b>	<b>\$76,823.10</b>	<b>\$819,723.51</b>	<b>219</b>	<b>8/9/2022</b>	<b>219</b>	<b>9/8/2022</b>	<b>Executed</b>
				<b>Total Percentage Change per CO No. 1</b>				<b>10.34%</b>					
003		004B	002	Existing Load Center Rack Improvements	\$2,138.16		\$2,138.16	\$821,861.67					CO 002 Executed.
004		005	002	Temporary Power for Booster Station	\$2,382.01		\$2,382.01	\$824,243.68					CO 002 Executed.
			<b>002</b>	<b>Change Order No. 2</b>	<b>\$4,520.17</b>	<b>\$0.00</b>	<b>\$4,520.17</b>	<b>\$824,243.68</b>	<b>0</b>	<b>8/9/2022</b>	<b>0</b>	<b>9/8/2022</b>	<b>Executed</b>
				<b>Total Percentage Change To Date</b>				<b>10.95%</b>					
		006	003	Added Receptacle to Injection Vault	\$4,213.45		\$4,213.45	\$828,457.13					Removed from CO-003.
		007	003	P-1022 Wire Upsizing Due to Voltage Drop	\$2,148.47		\$2,148.47	\$830,605.60					CO 003 Executed.
			<b>003</b>	<b>Change Order No. 3</b>	<b>\$2,148.47</b>	<b>\$0.00</b>	<b>\$2,148.47</b>	<b>\$826,392.15</b>	<b>0</b>	<b>8/9/2022</b>	<b>0</b>	<b>9/8/2022</b>	<b>Executed</b>
				<b>Total Percentage Change To Date</b>				<b>11.24%</b>					
			004	Credit for Tapping Sleeve and Valve for Fire Hydrant	-\$2,693.82		-\$2,693.82	(\$2,693.71)					CO 004 Executed
			<b>004</b>	<b>Change Order No. 4</b>	<b>-\$2,693.82</b>	<b>\$0.00</b>	<b>-\$2,693.82</b>	<b>\$823,698.33</b>	<b>0</b>	<b>8/9/2022</b>	<b>0</b>	<b>9/8/2022</b>	<b>Executed</b>
				<b>Total Percentage Change To Date</b>				<b>10.88%</b>					
			005	Sump Pump and Drain Routing	\$0.00		\$0.00	\$823,698.33	145		145		
			<b>004</b>	<b>Change Order No. 4</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$823,698.33</b>	<b>0</b>	<b>1/1/2023</b>	<b>0</b>	<b>1/31/2023</b>	
				<b>Total Percentage Change To Date</b>				<b>10.88%</b>					

RFP - Request for proposal  
WCD - Work Change Directive  
RFC - Contractor Proposal  
S.C. - Substantial Completion  
F.C. - Final Completion

SUMP PUMP DISCHARGE SCHEMATIC



## EMAIL DOCUMENTATION

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**From:** Dean Kite <[deank@dellinger-inc.com](mailto:deank@dellinger-inc.com)>  
**Sent:** Thursday, December 1, 2022 8:49 AM  
**To:** Babson, Aaron D <[ababson@hazenandsawyer.com](mailto:ababson@hazenandsawyer.com)>  
**Subject:** RE: Potential piping solution at Rowan Co

Aaron,

Dellinger is agreeable to the no cost change order work, which includes waiving LDs. Will is meeting with a sub Monday to go over the remaining work. We should be able to get you a finish date by the end of next week.

Dean

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**From:** Babson, Aaron D <[ababson@hazenandsawyer.com](mailto:ababson@hazenandsawyer.com)>  
**Sent:** Wednesday, November 30, 2022 10:25 AM  
**To:** Dean Kite <[deank@dellinger-inc.com](mailto:deank@dellinger-inc.com)>  
**Subject:** RE: Potential piping solution at Rowan Co

Dean,

Rowan County indicated they will accept a no cost change order with this concept in lieu of LDs to complete and closeout the project.

Aaron

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**From:** Dean Kite <[deank@dellinger-inc.com](mailto:deank@dellinger-inc.com)>  
**Sent:** Wednesday, November 30, 2022 10:02 AM  
**To:** Babson, Aaron D <[ababson@hazenandsawyer.com](mailto:ababson@hazenandsawyer.com)>  
**Subject:** RE: Potential piping solution at Rowan Co

**Caution!** *External email – think before you click*

Aaron,

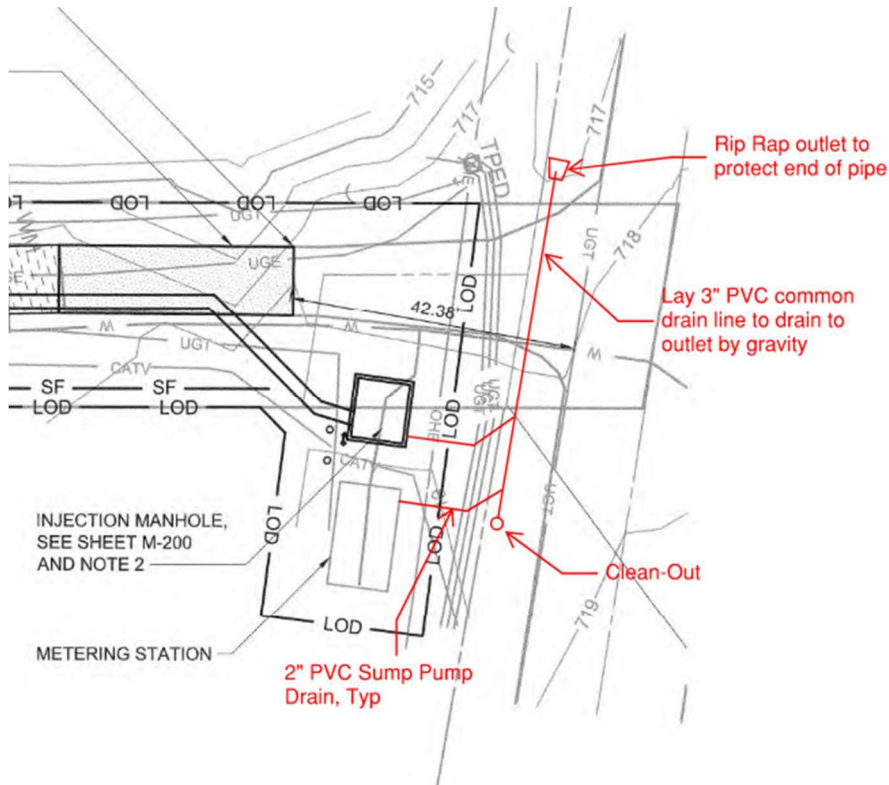
Just to make sure – Rowan County is good with this plan? They were the ones who wanted the 15" RCP.

Dean

**From:** Babson, Aaron D <[ababson@hazenandsawyer.com](mailto:ababson@hazenandsawyer.com)>  
**Sent:** Wednesday, November 30, 2022 9:52 AM  
**To:** Dean Kite <[deank@dellinger-inc.com](mailto:deank@dellinger-inc.com)>  
**Subject:** Potential piping solution at Rowan Co

Dean,

As discussed, please see an alternative concept for discharge piping below.



Best regards,

**Aaron D. Babson, PE**

**Associate Vice President | Hazen and Sawyer**  
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