

September 17, 2018

VIA EMAIL: LewisMJ@cdmsmith.com

Martin Lewis, P.E., BCEE
Construction/Project Manager
CDM Smith, Inc.
1701 Florida A1A #301
Vero Beach, Florida 32963

Subject:

Project: Indian River County Landfill Segment 3 Cell 2 Expansion, Segment 2 Partial Closure, And Landfill Gas System Expansion.

Milestone 1 – Request for contract time extension.

Dear Mr. Lewis,

This letter is to recapitulate what was discussed with regards Milestone 1 schedule in our last meeting on Wednesday, August 29, 2018.

As described in the project records, Thalle has faced multiple challenges and obstacles in the construction of Milestone 1, which were totally unforeseen and had a significant impact on the Schedule. These issues were presented in multiple occasions throughout the project meetings and letters submitted on July 5, 2018 and August 13, 2018.

Below we summarize the changes in the conditions;

- The existing ground consists of wet mulch and solid waste. No 12” of intermediate cover was found or identified as described in the Bid documents.
- Existing ground elevations in the drawings, did not match the pre-topo survey, which indicates that the intermediate cover was not brought to 4 feet below the final design elevation as specified in the bid documents. This led us to put great efforts in moving and grading garbage and mulch within the closure area to achieve a leveled ground, positive drainage, and minimum slopes (3: 1). This is a completely different operation than grading the typical intermediate cover and takes more time and effort.

As we all know, the current conditions of the closure are not in accordance with the anticipated existing conditions nor the description on the Bid documents. This scenario has caused Thalle to include additional activities, special equipment, and resources with the purpose of preparing the site and providing better conditions for the construction of Milestone 1. Therefore, the incorporation of these activities has significantly delayed the schedule for Milestone 1. After updating the duration for these activities in the schedule, we have been able to identify a potential impact of approximately 105 days, causing the substantial completion for Milestone 1 to be by mid-February 2019.

Despite the situation described above on Milestone 1, Thalle has worked diligently to continue with the project and has advanced the construction of Milestone 2. Having said that, we anticipate that the project in its entirety will be completed on time and possibly a few weeks ahead of schedule, looking to be substantially complete by Mid-April 2019.

It is extremely important to note that another factor that adds up and has deteriorated the scenario even more is the weather conditions. As we all know, we are in the rainy season and with the situation described it becomes even more difficult for us to control the issues in the closure, preventing us from moving forward. Therefore, Thalle is kindly requesting 105 days in contract time extension for Milestone 1. We invite you to analyze and review this matter for the consideration of our request. We look forward to working with you on resolving these issues and minimize any further impact to the schedule.

Find attached the updated schedule for your review.

If you have any further questions or concerns, do not hesitate to contact me

Sincerely,



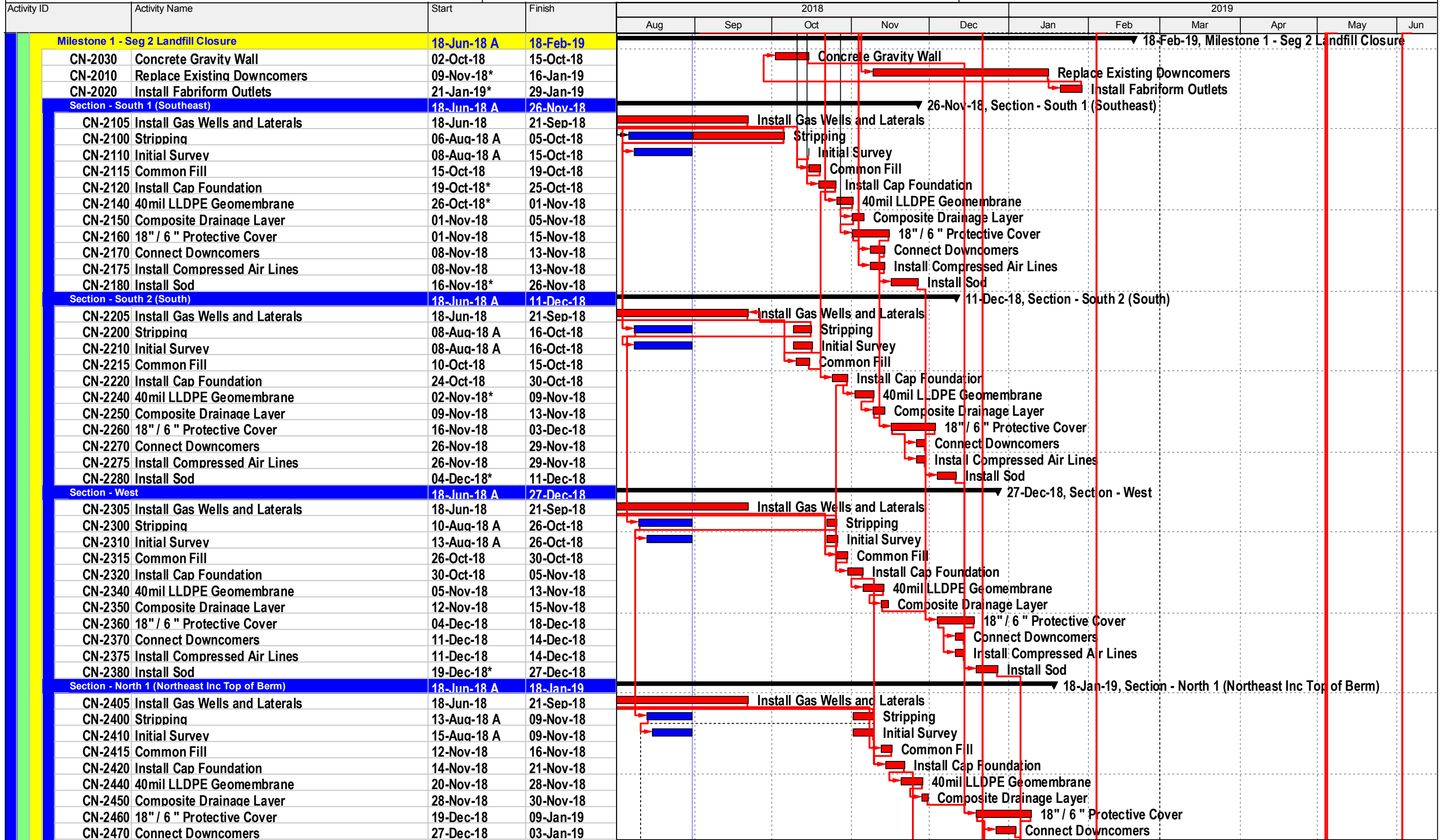
Reinaldo González, PM
Thalle Construction

cc. Chris Haverstrom P.E. , Thalle
Himanshu H. Mehta P.E. , IRC
Dan Lauth, CDM Smith
Amy M. Hightower, P.E. , CDM Smith

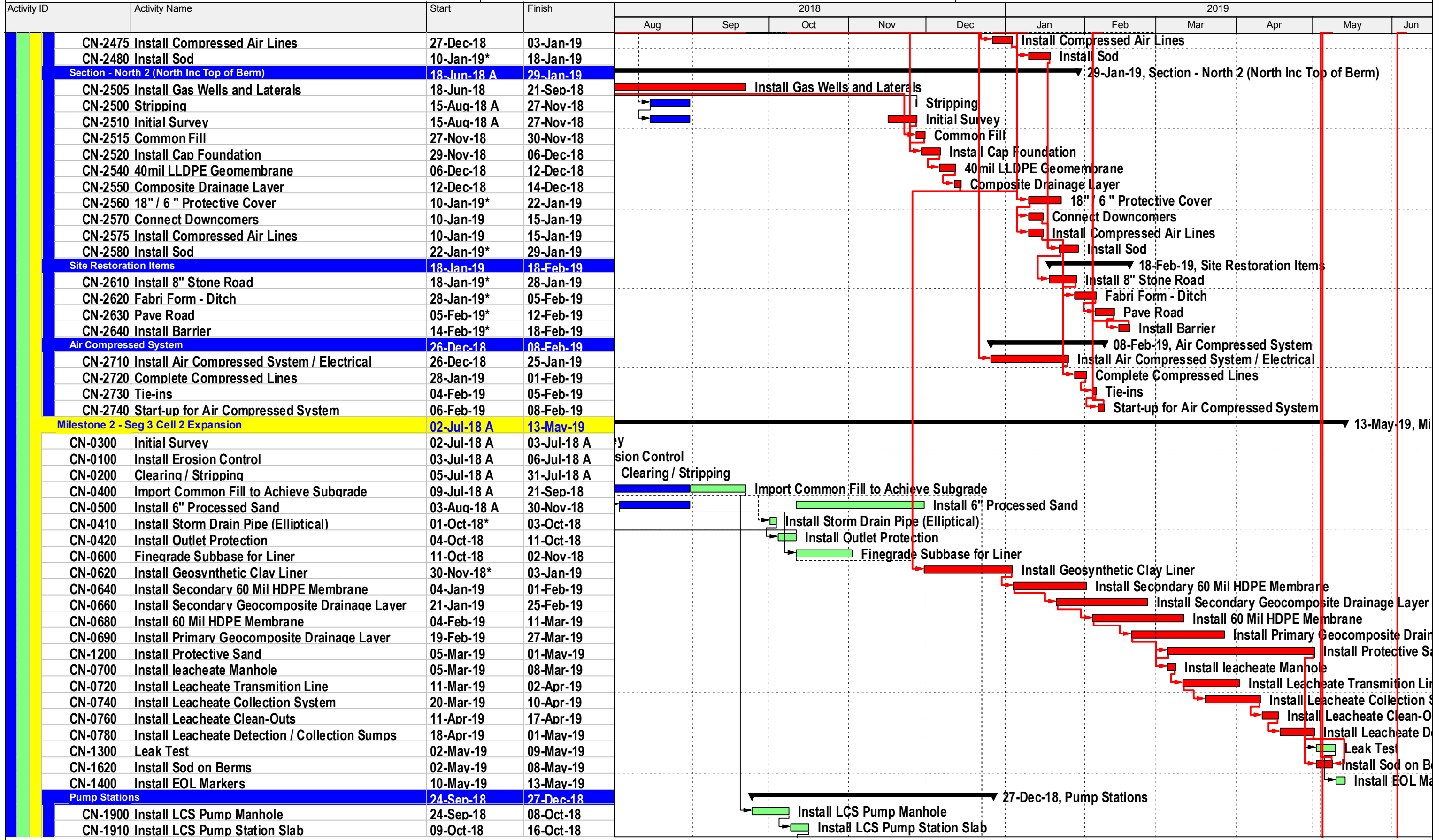
Activity ID	Activity Name	Start	Finish	2018					2019											
				Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
Indian River Working copy				09-May-18 A	07-Jun-19	▼ 07														
Indian River Working copy				09-May-18 A	07-Jun-19	▼ 07														
General Conditions				09-May-18 A	07-Jun-19	▼ 07														
Contract Milestones				09-May-18 A	07-Jun-19	▼ 07														
MI-020	Notice to Proceed (05/09/18)	09-May-18 A																		
MI-030	Milestone 1 (11/05/18)		08-Feb-19*																	
MI-050	Project Substantial Completion (05/04/19)		08-May-19*																	
MI-040	Milestone 2 (05/04/19)		08-May-19*																	
MI-060	Final Completion (06/03/19)		07-Jun-19*																	
Submittals				09-May-18 A	21-Dec-18	▼ 21-Dec-18, Submittals														
SUB-610	Submit Geosynthetics	09-May-18 A	30-May-18 A																	
SUB-640	Submit HDPE Pipe	09-May-18 A	18-Jun-18 A																	
SUB-670	Submit Common Fill	09-May-18 A	03-Jul-18 A																	
SUB-690	Submit Drainage Sand	09-May-18 A	06-Aug-18 A																	
SUB-010	Submit Safety Plan	09-May-18 A	09-Jul-18 A																	
SUB-030	Submit Hurricane Preparedness Plan	09-May-18 A	16-May-18 A																	
SUB-750	Submit Gas System Components	09-May-18 A	23-May-18 A																	
SUB-710	Submit Protective Cover	09-May-18 A	03-Jul-18 A																	
SUB-730	Submit Drainage Processed Sand / Cap	09-May-18 A	03-Jul-18 A																	
SUB-780	Submit Compressor System	09-May-18 A	27-Jun-18 A																	
SUB-810	Submit Electric Components	09-May-18 A	03-Jul-18 A																	
SUB-050	Submit Schedule	09-May-18 A	16-May-18 A																	
SUB-070	Submit Temporary Facilities Plan	09-May-18 A	18-May-18 A																	
SUB-090	Submit Pre-Con Photos	09-May-18 A	09-Jul-18 A																	
SUB-100	Submit Schedule of Values	09-May-18 A	16-May-18 A																	
SUB-620	Engineer Approve Geosynthetics	16-May-18 A	13-Jul-18 A																	
SUB-650	Engineer Approve HDPE Pipe	16-May-18 A	13-Jul-18 A																	
SUB-040	Engineer Approve Hurricane Preparedness Plan	16-May-18 A	29-May-18 A																	
SUB-060	Engineer Approve Schedule	16-May-18 A	03-Sep-18																	
SUB-110	Engineer Approve Schedule of Values	16-May-18 A	04-Jun-18 A																	
SUB-080	Engineer Approve Temporary Facilities Plan	18-May-18 A	04-Jun-18 A																	
SUB-760	Engineer Approve Gas System Components	23-May-18 A	01-Jun-18 A																	
SUB-630	Procure Geosynthetics	18-Jun-18 A	04-Oct-18																	
SUB-790	Engineer Approve Compressor System	30-Jun-18 A	20-Aug-18 A																	
SUB-770	Procure Gas System Components	02-Jul-18 A	25-Jul-18 A																	
SUB-800	Procure Compressor System	02-Jul-18 A	21-Dec-18																	
SUB-830	Procure Electric Components	02-Jul-18 A	08-Oct-18																	
SUB-680	Engineer Approve Common Fill	03-Jul-18 A	15-Jul-18 A																	
SUB-700	Engineer Approve Drainage Sand	03-Jul-18 A	25-Jul-18 A																	
SUB-720	Engineer Approve Protective Cover	03-Jul-18 A	15-Jul-18 A																	
SUB-740	Engineer Approve Processed Sand / Cap	03-Jul-18 A	15-Jul-18 A																	
SUB-820	Engineer Approve Electric Components	03-Jul-18 A	22-Sep-18																	
SUB-020	Engineer Approve Safety Plan	09-Jul-18 A	20-Jul-18 A																	
SUB-600	Engineer Approve Pre-Con Photos	10-Jul-18 A	23-Jul-18 A																	
SUB-660	Procure HDPE Pipe	16-Jul-18 A	02-Nov-18																	
Mobilization				09-May-18 A	31-Jul-18 A															
MOB-01	Mobilization	09-May-18 A	31-Jul-18 A																	
MOB-02	Thalle & Engineer Trailer Set Up	06-Jun-18 A	13-Jun-18 A																	
MOB-03	Establish Survey Controls/ Baseline	02-Jul-18 A	31-Jul-18 A																	

█ Actual Work
 █ Critical Remaining Work
 ▼ Summary
█ Remaining Work
 ◆ Milestone





█ Actual Work
 █ Critical Remaining Work
 Summary
 Remaining Work
 ◆ Milestone



█ Actual Work █ Critical Remaining Work **▶** Summary
█ Remaining Work ◆ Milestone



Activity ID	Activity Name	Start	Finish	2018					2019						
				Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
CN-1920	Install LCS Piping	16-Oct-18	24-Oct-18			█									
CN-1930	Install LCS Pumps / Electrical / Start-Ups	24-Oct-18	08-Nov-18			█									
CN-1940	Install LDS Pump Manhole	08-Nov-18	26-Nov-18				█								
CN-1950	Install LDS Pump Station Slab	26-Nov-18	03-Dec-18					█							
CN-1960	Install LDS Piping	03-Dec-18	11-Dec-18						█						
CN-1970	Install LDS Pumps / Electrical / Start-Ups	11-Dec-18	27-Dec-18							█					
Water Main Extension and Hydrant		27-Dec-18	28-Feb-19												
CN-1810	8" PVC Water Main	27-Dec-18	24-Jan-19							█					
CN-1820	8" Directional Drilling	24-Jan-19	07-Feb-19								█				
CN-1830	Install Hydrant and Ancillary Components	07-Feb-19	14-Feb-19									█			
CN-1840	Flusing / Desinfection / Testing	14-Feb-19	25-Feb-19										█		
CN-1850	Tie-Ins / Place Water Main in Service	25-Feb-19	28-Feb-19											█	
Project Closeout		09-May-19	07-Jun-19												
MOB-080	Punchlist	09-May-19	28-May-19												
MOB-085	Remove E&S	19-May-19	28-May-19												
MOB-090	Demobilize Project Offices	29-May-19	07-Jun-19												

█ Actual Work
 █ Critical Remaining Work
 ▶ Summary
█ Remaining Work
 ◆ Milestone