

LEITNER

CONSTRUCTION Co., INC.

12/4/20
NC DEQ
Attention: Kenny Llywelyn
Mooresville Regional Office
610 East Center Ave., Suite 301
Mooresville, NC 28115

Dear Mr. Llywelyn,

Leitner Construction received the Notice of Violations Letter via email on December 2nd, and empathically apologize for the condition of the erosion control measures that were witnessed on site and provide some explanation of the events that lead to the condition of the site.

After reviewing the site this morning, apparently the breaches in the erosion control fences observed on November 17th, was a result of the torrential rains from November 11th thru November 13th the week prior to the inspection.

We were directed to remove the rock berms we constructed to stop the excessive flow of water and scouring in the back of the site due to Town of Harrisburg regulations (above storm drain pipe). This allowed the water to sheet flow scour below the drainage pipe, collect at the new silt fence we installed and scour below to get by our last row of silt fence. There are a couple other minor breaches as addressed in the notification letter that will be reworked.

Also, we performed additional work during the last week of October to repair the pond piping and structures as well as removing silt that was stockpiled adjacent from the pond, this work was completed November 6th and has to be reworked due to the rain events noted above after completion of the pond.

The following issues during the project has caused rework and additional measures to be installed well beyond the EC plan paid for by Leitner Construction:

- A total of 126 days were unworkable due to in-climate weather during the project duration.
- The amount of unknown mass and Trench rock removed from the building pad and caused approximately 8 month delay to the completion schedule.
- Grading contractor abandoned the project without notifying Leitner Construction leaving the back of the site and pond incomplete.
- We implemented shortened work weeks from March 27th until May 25th due to the COVID pandemic.

Leitner Construction's plan of action in addressing the violations in the following manner:

- We are on site today, 12/4/20, repairing the minor silt fence breaches shown in the attached photos.
- The silt fence will be removed below the retaining wall, built up silt removed and graded, raked and mulched.
- Sediment in Wetlands will be removed by hand (bucket and shovel) at the minor breach at the wetlands. Upon completion a new silt fence will be installed above the current location continuing the secondary fencing installed as additional measures. The area below new fence will be graded and seeded..
- Remove all sediment from the utility easement below the large slopes at the back of the site using a skid steer. Area will then be raked and a fescue mix used in the area disturbed.
- Replace the silt fence as required around the perimeter to maintain proper sediment control.
- Provide stone outlets in areas as required to reduce water flow.
- All rock outlets that are full or missing will be cleaned out and/or replaced as designed.
- Provide matting, straw rolls other approved methods to ensure established growth on the steep slopes.
- Debris and sediment will be removed from permanent pond, filter bags used if dewatering is required.
- Repair minor scouring observed beside the bus entrance driveway.
- Areas will be dressed and seeded as necessary upon completion of repair.
- Pond cleaned out, seeded and planting installed per plan and Fence re-installed.

LEITNER

CONSTRUCTION Co., INC.

We have identified the following areas of concern and are working with the engineer on providing additional measures to control the water flow on the property:

- There are no measures to stop sheet flow behind the cauld sac into the pond, secondary silt fence will be removed and additional fence installed above the utility easement so the slope below can be dressed and seeded.
- There are no sheet flow measures to control the flow of water from the fire lane to the back of the site utility easement. Harrisburg requested the rock berm we constructed to limit the flow to be removed, this allowed the water to cut out the slope of our additional silt fence barrier and breach into the easement.
- Rip Rap will be used to fill the scours observed below the drainage piping, soil stockpile will be used to dress up new silt fence locations and areas will be seeded.

Due to the scope of work required to adequately repair and install the work described above, Leitner Construction is committed to complete the silt fence breaches no later than 12/8/20. The pond completion and easement will be completed no later than 12/22/20. I attached the NOAA rainfall totals for the project for October and November 2020.

We hope that the immediate attention to these matters Leitner Construction has displayed and our clean record with NCDEQ on our projects will be considered while the civil penalty is assessed.

We will keep you informed as the work is completed over the next couple weeks.



Jamie McDermott/CMP
Construction Manager
Leitner Construction Company
803-230-1939



Remove Silt
w/Bucket Shovel
use seeding
specified for
Wetlands

Remove Silt Fence
and Silt. Dress
Slope and Seed



Repair Scours, Add
Rip Rap Above Fence

Utility Easement Area

Extend Berm/Silt
Fence to Corner

Remove Silt and
Fence Re-Grade and
Seed





Rock Berm added previously removed above pipe allowing sheet flow to breach EC @ easement.

Silt Removed via Skid Steer, Area Raked Graded and Seeded.

Add Rock Berm
and/or Silt Fence
prior to easement







U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current location: Elev: 728 ft. Lat: 35.2236° N Lon: -80.9552° W
 Station: CHARLOTTE DOUGLAS AIRPORT, NC US USW00013881

Record of Climatological Observations
 These data are quality controlled and may not be identical to the original observations.
 Generated on 12/04/2020

National Centers for Environmental Information
 151 Patton Avenue
 Asheville, North Carolina 28801
 Observation Time Temperature: Unknown Observation Time Precipitation: 2400

Year	Month	Day	Temperature (F)		At Obs.	24 Hour Amounts Ending at Observation Time			At Obs.	24 Hour Wind Movement (mi)	Amount of Evap. (in)	Ground Cover (see *)	4 in. Depth		8 in. Depth	
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Fog	Snow, Ice Pellets, Hail (in)					Fog	Snow, Ice Pellets, Hail, Ice on Ground (in)	Max.	Min.
2020	10	01	80	50	0.00			0.0								
2020	10	02	71	48	0.00			0.0								
2020	10	03	71	47	0.00			0.0								
2020	10	04	71	47	0.00			0.0								
2020	10	05	76	47	0.00			0.0								
2020	10	06	78	50	0.00			0.0								
2020	10	07	82	53	0.00			0.0								
2020	10	08	86	54	0.00			0.0								
2020	10	09	71	59	0.01			0.0								
2020	10	10	75	65	1.37			0.0								
2020	10	11	80	68	2.91			0.0								
2020	10	12	73	63	0.06			0.0								
2020	10	13	83	57	0.00			0.0								
2020	10	14	78	49	0.00			0.0								
2020	10	15	78	56	0.01			0.0								
2020	10	16	73	55	0.00			0.0								
2020	10	17	66	43	0.00			0.0								
2020	10	18	69	42	0.00			0.0								
2020	10	19	75	44	0.00			0.0								
2020	10	20	79	49	0.00			0.0								
2020	10	21	84	63	0.00			0.0								
2020	10	22	83	57	0.00			0.0								
2020	10	23	81	60	0.00			0.0								
2020	10	24	83	58	0.00			0.0								
2020	10	25	70	53	0.38			0.0								
2020	10	26	73	53	0.00			0.0								
2020	10	27	77	55	0.00			0.0								
2020	10	28	72	61	0.34			0.0								
2020	10	29	83	66	1.48			0.0								
2020	10	30	88	47	0.00			0.0								
2020	10	31	61	41	T			0.0								
Summary/76			54		6.56			0.0								

Empty, or blank, cells indicate that a data observation was not reported.
 *Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Glass muck; 8=Bare muck; 0=Unknown
 "s" This data value failed one of NCD's quality control tests. "At Obs." = Temperature at time of observation
 "T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.
 "A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.
 Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 728 ft. Lat: 35.2236° N Lon: -80.9552° W
 Station: CHARLOTTE DOUGLAS AIRPORT, NC US USW00013881

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 151 Patton Avenue
 Asheville, North Carolina 28801
 Observation Time Temperature: Unknown Observation Time Precipitation: 2400

Year	Month	Day	Temperature (F)		At Obs.	24 Hour Amounts Ending at Observation Time			At Obs. Time	Evaporation		4 in. Depth		8 in. Depth				
			24 Hrs. Ending at Observation Time	Min.		Rain, Melted Snow, Etc. (in)	Fog	Snow, Ice Pellets, Hail (in)		Fog	Snow, Ice Pellets, Hail, Ice on Ground (in)	24 Hour Wind Movement (mi)	Amount of Evap. (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
2020	11	01	65	49	0.40			0.0	0.0									
2020	11	02	57	33	0.00			0.0	0.0									
2020	11	03	67	31	0.00			0.0	0.0									
2020	11	04	69	36	0.00			0.0	0.0									
2020	11	05	72	36	0.00			0.0	0.0									
2020	11	06	76	50	0.00			0.0	0.0									
2020	11	07	79	55	0.00			0.0	0.0									
2020	11	08	79	55	0.00			0.0	0.0									
2020	11	09	76	58	T			0.0	0.0									
2020	11	10	76	64	T			0.0	0.0									
2020	11	11	82	70	0.38			0.0	0.0									
2020	11	12	73	64	4.62			0.0	0.0									
2020	11	13	73	56	T			0.0	0.0									
2020	11	14	66	48	0.00			0.0	0.0									
2020	11	15	72	53	0.00			0.0	0.0									
2020	11	16	65	37	0.00			0.0	0.0									
2020	11	17	64	35	0.00			0.0	0.0									
2020	11	18	55	28	0.00			0.0	0.0									
2020	11	19	58	30	0.00			0.0	0.0									
2020	11	20	70	32	0.00			0.0	0.0									
2020	11	21	73	41	0.00			0.0	0.0									
2020	11	22	67	39	0.00			0.0	0.0									
2020	11	23	64	45	0.00			0.0	0.0									
2020	11	24	55	32	0.00			0.0	0.0									
2020	11	25	63	43	T			0.0	0.0									
2020	11	26	71	54	0.03			0.0	0.0									
2020	11	27	70	53	0.00			0.0	0.0									
2020	11	28	70	45	0.02			0.0	0.0									
2020	11	29	61	37	0.54			0.0	0.0									
2020	11	30	64	42	0.68			0.0	0.0									
Summary			68	45	6.67			0.0										

Empty, or blank, cells indicate that a data observation was not reported.
 *Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Soil; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown
 "s" This data value failed one of NCD's quality control tests. "At Obs." = Temperature at time of observation
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LEITNER

CONSTRUCTION Co., INC.

1/5/21
NC DEQ
Attention: Kenny Llywelyn
Mooresville Regional Office
610 East Center Ave., Suite 301
Mooresville, NC 28115

Dear Mr. Llywelyn,

Leitner Construction received the Notice of Violations Letter via email on December 2nd, and empathically apologize for the condition of the erosion control measures that were witnessed on site.

Leitner Construction's has addressed the following based on the plan of action provided previously in addressing the violations:

- We have repairing the minor silt fence breaches shown in the attached photos.
- The silt fence was removed below the retaining wall, built up silt removed and graded, raked and mulched.
- Sediment in Wetlands was be removed by hand (bucket and shovel) at the minor breach at the wetlands. A new silt fence was installed above the current location continuing the secondary fencing installed as additional measures. The area below new fence was be graded and seeded.
- Sediment from the utility easement below the large slopes at the back of the site was removed using a skid steer. Area was then be raked and a fescue mix used in the area disturbed.
- The silt fence was replaced as required around the perimeter to maintain proper sediment control.
- Debris and sediment has been removed from permanent pond.
- Repairs were made to minor scouring observed beside the bus entrance driveway.
- Areas will be dressed and seeded as necessary upon completion of repair.

Leitner Construction has the following to complete the Erosion Control measures for the project:

- Fine Grading, plantings and seeding at the permanent pond was delayed due to weather over the past month. Leitner has committed to complete this as soon as weather allows.

I attached annotated photos of the completed work as well as the NOAA rainfall totals for the project for December 2020. We will provide a final update upon completion of the pond activities. If you require any additional recordkeeping please let me know.

Best Regards.



Jamie McDermott/CMP
Construction Manager
Leitner Construction Company
803-230-1939

Berm moved per
Harrisburg, regraded
area

Relocated some
stone, re graded to
drain

Cleaned Silt Breach,
Seed and Straw



Below Ret Wall



Below Ret Wall to
Field



Regrade back
of site @
Easement



Cleaned/Seeded
@ Wetlands



Cleaned/Seeded
@ Wetlands



Repair Breach



Cleaned Silt/Seeded

Regrade and Seed





Record of Climatological Observations

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Current Location: Elev: 728 ft. Lat: 35.2236° N Lon: -80.9552° W

Station: **CHARLOTTE DOUGLAS AIRPORT, NC US USW00013881**

Generated on 01/08/2021

Observation Time Temperature: Unknown Observation Time Precipitation: 2400

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)						
			24 Hrs. Ending at Observation Time		At Obs.	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth			
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag	Snow, Ice Pellets, Hail, Ice on Ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
2020	12	01	46	30		T		0.0		0.0									
2020	12	02	55	22				0.0		0.0									
2020	12	03	58	24				0.0		0.0									
2020	12	04	63	42				0.60		0.0									
2020	12	05	57	34				0.01		0.0									
2020	12	06	54	27				0.00		0.0									
2020	12	07	53	34		T		0.0		0.0									
2020	12	08	49	26				0.00		0.0									
2020	12	09	57	25				0.00		0.0									
2020	12	10	67	32				0.00		0.0									
2020	12	11	65	34				0.00		0.0									
2020	12	12	67	46				0.00		0.0									
2020	12	13	70	51		T		0.0		0.0									
2020	12	14	62	37				0.49		0.0									
2020	12	15	48	33		T		0.0		0.0									
2020	12	16	39	34				0.72		0.0									
2020	12	17	44	36		T		0.0		0.0									
2020	12	18	47	32		T		0.0		0.0									
2020	12	19	49	23				0.00		0.0									
2020	12	20	49	39				0.38		0.0									
2020	12	21	58	43				0.00											
2020	12	22	62	33				0.00		0.0									
2020	12	23	59	28				0.00		0.0									
2020	12	24	59	41				0.72		0.0									
2020	12	25	41	22		T		0.0		0.0									
2020	12	26	41	17				0.00		0.0									
2020	12	27	53	22				0.00		0.0									
2020	12	28	62	31				0.00		0.0									
2020	12	29	58	31				0.00		0.0									
2020	12	30	43	37				0.00		0.0									
2020	12	31	54	41				0.06		0.0									
Summary			54	32				2.98		0.0									

Empty, or blank, cells indicate that a data observation was not reported.

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LEITNER

CONSTRUCTION CO., INC.

3/26/21
NC DEQ
Attention: Kenny Llywelyn
Mooreville Regional Office
610 East Center Ave., Suite 301
Mooreville, NC 28115

Dear Mr. Llywelyn,

Leitner Construction's has addressed the following based on the plan of action communicated previously in addressing the violations:

- We have reshaped the bottom of the slope to slow the sheet flow of water, contain a substantial amount and allow the water to dissipate without reaching the silt fence.
- We have repaired the minor silt fence breaches at the wetlands and utility egress slopes.
- Fine Grading, plantings and seeding at the permanent pond has been completed.
- New silt fence was installed above the wetlands and utility egress breach locations to slow the sheet flow from the slopes.
- Stone outlets were cleaned and repaired.
- Sediment stockpile that was removed from permanent pond has been spread and scarified.

Leitner Construction has the following to complete the Erosion Control measures for the project:

- Gate valves to be installed in Pond Structure.
- Sediment from the utility easement below the large slopes at the back of the site to be removed using a skid steer. Area will be raked and a fescue mix used in all area disturbed.
- Sediment in Wetlands and creek to be removed by hand (bucket and shovel).
- Additional scarifying required at sediment stockpile.
- Additional mulch is required below the retaining wall in the Bus Lot all the way to the basin at the top of the hill.
- Area beside retaining wall fence to be built up and stone added to keep the sheet flow from running over the curb and into the basin.
- Silt fencing to be removed from all established areas and bottom of slope seeded.

I attached photos taken 3/26/21 after substantial rains on 3/25/21 and the re-grading appears to have contained the sheet flow issues we have been battling by repairing, adding additional silt fence and checks. I also attached the NOAA rainfall totals for the project from January 2021 to date. We will provide a final update upon completion of the silt removal and fine grading activities scheduled to be completed 4/1/21. If you require any additional record keeping please let me know.

Best Regards,



Jamie McDermott/CMP
Construction Manager
Leitner Construction Company
803-230-1939

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CONSTRUCTION CO., INC.

Pond Completion



Sediment Stockpile



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Sediment Stockpile Grading



Re-grading Bottom of Slope



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Re-Graded Slope



Re-Grading Bottom of Slope



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Stone Outfall



Repaired Stone Outfall



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Re-Graded Bottom of Slope



Re-Grade Bottom of Slope



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CONSTRUCTION CO., INC.

Stone Outfall @ Egress



Back of Silt Fence @ Egress



Record of Climatological Observations

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Current Location: Elev: 728 ft. Lat: 35.2236° N Lon: -80.9552° W
 Station: **CHARLOTTE DOUGLAS AIRPORT, NC US USW00013881**

Generated on 03/26/2021

Observation Time Temperature: Unknown Observation Time Precipitation: 2400

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)						
			24 Hrs. Ending at Observation Time		At Obs.	24 Hour Amounts Ending at Observation Time				At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth			
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag				Snow, Ice Pellets, Hail, Ice on Ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
2021	01	01	54	40		0.64		0.0		0.0									
2021	01	02	59	40		0.05		0.0		0.0									
2021	01	03	60	45		0.04		0.0		0.0									
2021	01	04	56	35		0.00		0.0		0.0									
2021	01	05	56	33		0.02		0.0		0.0									
2021	01	06	50	27		0.00		0.0		0.0									
2021	01	07	48	30		0.22		0.0		0.0									
2021	01	08	39	33		0.51		0.1		0.0									
2021	01	09	50	30		0.00		0.0		0.0									
2021	01	10	51	24		0.00		0.0		0.0									
2021	01	11	46	29		0.11		0.0		0.0									
2021	01	12	57	33		0.05		0.0		0.0									
2021	01	13	56	25		0.00		0.0		0.0									
2021	01	14	51	37		0.00		0.0		0.0									
2021	01	15	50	33		0.03		0.0		0.0									
2021	01	16	48	29		0.00		0.0		0.0									
2021	01	17	48	25		0.00		0.0		0.0									
2021	01	18	53	29		0.00		0.0		0.0									
2021	01	19	59	29		0.00		0.0		0.0									
2021	01	20	59	36		0.00		0.0		0.0									
2021	01	21	57	39		T		0.0		0.0									
2021	01	22	61	38		0.00		0.0		0.0									
2021	01	23	52	27		0.00		0.0		0.0									
2021	01	24	53	30		T		0.0		0.0									
2021	01	25	50	43		0.31		0.0		0.0									
2021	01	26	50	42		0.75		0.0		0.0									
2021	01	27	61	41		0.53		0.0		0.0									
2021	01	28	48	29		0.03		0.0		0.0									
2021	01	29	46	22		0.00		0.0		0.0									
2021	01	30	45	24		0.01		T		0.0									
2021	01	31	40	35		0.73		0.0		0.0									
Summary			52	33		4.03		0.1											

Empty, or blank, cells indicate that a data observation was not reported.

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Record of Climatological Observations

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Current Location: Elev: 728 ft. Lat: 35.2236° N Lon: -80.9552° W
 Station: **CHARLOTTE DOUGLAS AIRPORT, NC US USW00013881**

Generated on 03/26/2021

Observation Time Temperature: Unknown Observation Time Precipitation: 2400

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)						
			24 Hrs. Ending at Observation Time		At Obs.	24 Hour Amounts Ending at Observation Time			At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth				
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag			Snow, Ice Pellets, Hail, Ice on Ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
2021	02	01	46	35		0.01		T		0.0									
2021	02	02	45	32		0.00		0.0		0.0									
2021	02	03	52	27		0.00		0.0		0.0									
2021	02	04	49	20		0.00		0.0		0.0									
2021	02	05	57	40		0.09		0.0		0.0									
2021	02	06	53	24		0.49		0.2		0.0									
2021	02	07	54	33		0.19		T		0.0									
2021	02	08	55	26		0.00		0.0		0.0									
2021	02	09	67	45		T		0.0		0.0									
2021	02	10	59	45		0.00		0.0		0.0									
2021	02	11	53	41		0.45		0.0		0.0									
2021	02	12	41	34		0.07		0.0		0.0									
2021	02	13	39	34		0.67		T		0.0									
2021	02	14	41	36		0.31		0.0		0.0									
2021	02	15	41	37		0.82		0.0		0.0									
2021	02	16	53	33		0.03		0.0		0.0									
2021	02	17	49	29		0.00		0.0		0.0									
2021	02	18	44	33		0.60		0.0		0.0									
2021	02	19	53	36		0.45		0.0		0.0									
2021	02	20	52	26		0.00		0.0		0.0									
2021	02	21	49	30		0.00		0.0		0.0									
2021	02	22	52	36		0.43		0.0		0.0									
2021	02	23	67	29		0.00		0.0		0.0									
2021	02	24	73	32		0.00		0.0		0.0									
2021	02	25	73	40		0.00		0.0		0.0									
2021	02	26	57	42		0.52		0.0		0.0									
2021	02	27	58	40		0.03		0.0		0.0									
2021	02	28	76	47		T		0.0		0.0									
Summary			54	34		5.16		0.2											

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

Record of Climatological Observations

These data are quality controlled and may not be identical to the original observations.

Current Location: Elev: 728 ft. Lat: 35.2236° N Lon: -80.9552° W
 Station: **CHARLOTTE DOUGLAS AIRPORT, NC US USW00013881**

Generated on 03/26/2021

Observation Time Temperature: Unknown Observation Time Precipitation: 2400

Year	Month	Day	Temperature (F)			Precipitation					Evaporation		Soil Temperature (F)						
			24 Hrs. Ending at Observation Time		At Obs.	24 Hour Amounts Ending at Observation Time			At Obs. Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in. Depth			8 in. Depth				
			Max.	Min.		Rain, Melted Snow, Etc. (in)	Flag	Snow, Ice Pellets, Hail (in)	Flag			Snow, Ice Pellets, Hail, Ice on Ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.	
2021	03	01	68	48		0.19		0.0		0.0									
2021	03	02	49	41		0.00		0.0		0.0									
2021	03	03	65	36		T		0.0		0.0									
2021	03	04	70	34		0.00		0.0		0.0									
2021	03	05	57	34		0.00		0.0		0.0									
2021	03	06	57	38		0.00		0.0		0.0									
2021	03	07	56	31		0.00		0.0		0.0									
2021	03	08	65	23		0.00		0.0		0.0									
2021	03	09	72	36		0.00		0.0		0.0									
2021	03	10	73	41		0.00		0.0		0.0									
2021	03	11	73	46		0.00		0.0		0.0									
2021	03	12	80	53		0.00		0.0		0.0									
2021	03	13	67	59		T		0.0		0.0									
2021	03	14	74	53		T		0.0		0.0									
2021	03	15	62	46		T		0.0		0.0									
2021	03	16	47	40		1.33		0.0		0.0									
2021	03	17	59	44		0.03		0.0		0.0									
2021	03	18	75	50		0.25		0.0		0.0									
2021	03	19	57	42		0.08		0.0		0.0									
2021	03	20	57	31		T		0.0		0.0									
2021	03	21	66	45		0.00		0.0		0.0									
2021	03	22	70	46		0.00		0.0		0.0									
2021	03	23	69	50		0.00		0.0		0.0									
2021	03	24																	
2021	03	25																	
2021	03	26																	
2021	03	27																	
2021	03	28																	
2021	03	29																	
2021	03	30																	
2021	03	31																	
Summary			65	42		1.88		0.0											

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

LEITNER

CONSTRUCTION Co., INC.

5/20/21
NC DEQ
Attention: Kenny Llywelyn
Mooresville Regional Office
610 East Center Ave., Suite 301
Mooresville, NC 28115

Dear Mr. Llywelyn,

Leitner Construction's has addressed the following based on the plan of action communicated previously in addressing the violations and your last inspection of the site:

- We have removed all silt fencing, fabric and debris in areas established and reshaped the bottom of all slopes.
- We have removed 1 temporary drain, and added on to the drain beside the multipurpose field to divert water towards the new dissipation field. Scours were patched in where the pipe was previously located.
- Gate valves and piping has been completed in pond structure.
- Scours were repaired at slope behind multipurpose field above the wetlands. Loose rock was consolidated and slopes were re graded and reshaped.
- Sediment and natural debris (limbs) was removed from small spring of wetlands.
- Sediment was removed and stone cleaned from the flume outlet and small spring below the modular retaining wall.
- Drop inlet below retaining wall was lowered to allow small groundwater spring to drain to the basin, pipe and outlet provided.
- Approximately 25% ground coverage on the pond.

Leitner Construction has the following to complete the Erosion Control measures for the project:

- Scheduled for 5/21: Areas beyond silt fence fine graded and re-seeded. Inlets on Fire Lane dressed up and mulched, repair scours @ fire lane and newly seeded areas.
- Scheduled for 5/28: Areas at bottom of slopes to be mulched. Soil amendments and additional seeding provided at Pond and disturbed areas back of site.

I attached photos taken 5/19/21, if you require any additional recordkeeping please let me know.

Best Regards,

Jamie McDermott/CMP
Construction Manager
Leitner Construction Company
803-230-1939

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CONSTRUCTION CO., INC.

Lowered Basin



Flume Below Basin



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Spring below flume



Spring Debris Removed



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CONSTRUCTION Co., INC.

Slope @ Wetlands (To Be Mulched)



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CONSTRUCTION CO., INC.

Drain Work/Scour Repair



LEITNER

CONSTRUCTION CO., INC.

6/18/21
NC DEQ
Attention: Kenny Llywelyn
Mooresville Regional Office
610 East Center Ave., Suite 301
Mooresville, NC 28115

Dear Mr. Llywelyn,

Leitner Construction's has addressed the following based on the plan of action communicated previously in addressing the violations and your last inspection of the site:

- We have provided inlet protection in the basin below the retaining wall and 2 basin adjacent to the lower playground.
- We have added amendments to the pond soils (lime) and re seeded the area.
- We have dressed up and fine graded areas silt fence was installed, and mulched the toe of the slope from the wetlands behind the multipurpose field to the pond access fence.

Leitner Construction has the following to complete the Erosion Control measures for the project:

- Ground cover stabilization; scheduled to re seed any areas not meeting the 75% coverage requirement on September 13th 2021.

I attached photos taken 5/18/21, if you require any additional recordkeeping please let me know.

Best Regards,



Jamie McDermott/CMP
Construction Manager
Leitner Construction Company
803-230-1939

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Mulch Locations



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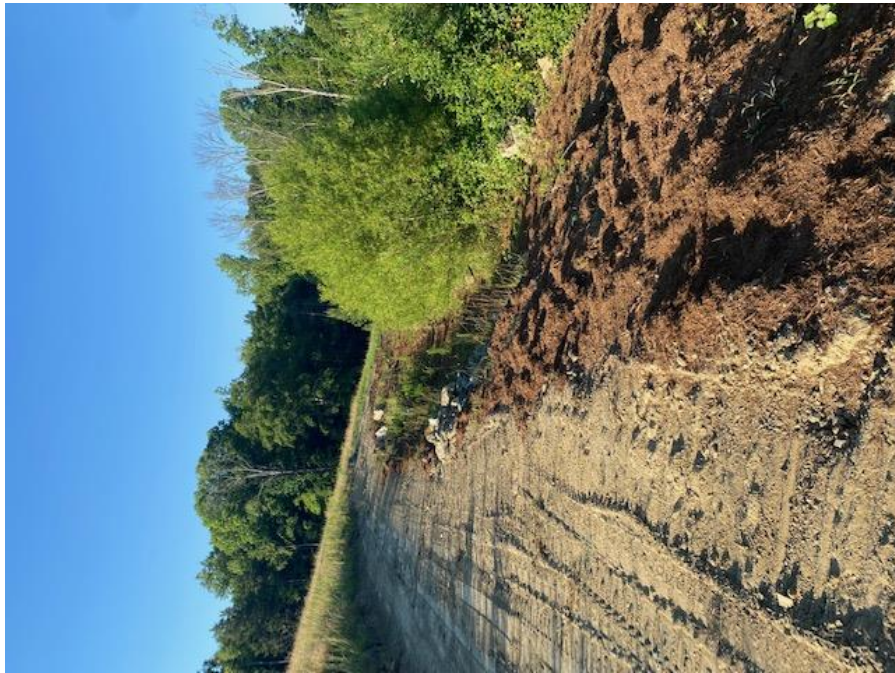
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Inlet Protection



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