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October 6, 2017

Mr. Darrell Nitschke
North Dakota Public Service Commission
600 East Boulevard, Department 408
Bismarck, North Dakota 58505

RE: Monthly Activity Report for Case No. PU-17-51 (NuStar Pipeline Operating Partnership L.P., Mapleton Terminal)

Dear Mr. Nitschke:

On behalf of NuStar Pipeline Operating Partnership L.P., SWCA Environmental Consultants is pleased to submit the enclosed Monthly Activity Report for the Mapleton Terminal, Case No. PU-17-51.

Please add this report to the case file. An electronic copy of the report was submitted to ndpsc@nd.gov today as well.

If you have any questions, please do not hesitate to contact me regarding this submittal.

Sincerely,

A handwritten signature in blue ink that reads 'James W. Dawson'.

James W. Dawson, PG, CHMM
Senior Project Manager

Enclosure: as stated

C: Christopher Jimenez, NuStar Operating Partnership L.P., w/enclosure

Case Number: PU-17-51

Mapleton Terminal PSC Monthly Activity Report: September 2017



1. Summary

Construction of the Mapleton Terminal continued with maintenance of existing stormwater controls, installation of new stormwater BMPs, equipment installation, and tank construction

2. Progress

Stormwater BMPs, consisting of existing culverts, silt fence, and gravel surfacing were found to be in good condition, with no specific maintenance recommended. A new 52-foot long, 24-inch diameter culvert was installed at the entrance to the tank battery containment area (46.88576°N, 97.00405°W) and additional silt fence was installed along the west side of the unnamed tributary to the Sheyenne River (46.88470°N, 96.99070°W). Two precipitation-event required stormwater inspections and 4 weekly stormwater inspections were conducted during the month. Copies of the inspection reports are included as Attachment 1. Review of the reports indicates rainfall amounts of 0.90" on 9/19 – 20/2017 and 1.45" on 9.23 – 24/2017, for a total of 2.35" for the month.

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton, ND

Inspection Date: 9.1.17

Inspection Type (Circle One): Weekly Bi-Weekly Monthly

Precipitation Event Greater than 1/8" (Circle One): Yes No

Outfalls: Evidence of sediment or pollutants offsite as a reported release? (Circle One): Yes No

If yes, describe location: _____

BMP	CHECK IF PRESENT	CONDITION:	
		Good/Satisfactory/Requires Maintenance	Description of BMP preventative maintenance, corrective action, repairs, and locations
Berms			
Check Dams			
Culverts	X	Good	
Diversion Ditches			
Drainage Dip			
Erosion Control Blanket			
Filter Berms			
Gabions			
Gravel Surfacing	X	Good	
Land Grading			
Level Spreader			
Mulching			
Revegetation			
Rip Rap			
Sediment Trap			
Silt fence	X	Good	
Stabilized Construction Entrance			
Straw Bale Barrier			
Straw Wattles			
Surface Roughening			
Terracing			
Vegetative Buffer			
Water Bar			

Description of actions to correct or improve site conditions since last inspection: _____

Notes: _____

Based upon my visual inspections of the site conditions, this inspection does not identify incidents of non-compliance and I certify that this site is in compliance with the SWPPP (Circle One): Yes No

Inspector Printed Name: Charles Young

Inspector Signature: Charles Young Date: 9.1.17

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton, ND

Inspection Date: 9.15.17

Inspection Type (Circle One): Weekly Bi-Weekly Monthly

Precipitation Event Greater than ¼" (Circle One): Yes No

Outfalls: Evidence of sediment or pollutants offsite as a reported release? (Circle One): Yes No

If yes, describe location: _____

BMP	CHECK IF PRESENT	CONDITION:	
		Good/Satisfactory/Requires Maintenance	Description of BMP preventative maintenance, corrective action, repairs, and locations
Berms			
Check Dams			
Culverts	X	Good	
Diversion Ditches			
Drainage Dip			
Erosion Control Blanket			
Filter Berms			
Gabions			
Gravel Surfacing	X	Good	
Land Grading			
Level Spreader			
Mulching			
Revegetation			
Rip Rap			
Sediment Trap			
Silt fence	X	Good	
Stabilized Construction Entrance			
Straw Bale Barrier			
Straw Wattles			
Surface Roughening			
Terracing			
Vegetative Buffer			
Water Bar			

Description of actions to correct or improve site conditions since last inspection: _____

Notes: Installed on 9.9.17: 52 LF 24" culvert at tank dike entrance (N 46.88576 / W097.00405) and 30 LF of silt fence on the west side of creek (N46.88470 / W096.99070)

Based upon my visual inspections of the site conditions, this inspection does not identify incidents of non-compliance and I certify that this site is in compliance with the SWPPP (Circle One): Yes No

Inspector Printed Name: Charley Young

Inspector Signature: *Charley Young* Date: 9.15.17

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton, ND

Inspection Date: 9.22.17

Inspection Type (Circle One): Weekly Bi-Weekly Monthly

Precipitation Event Greater than 1/4" (Circle One): Yes No

Outfalls: Evidence of sediment or pollutants offsite as a reported release? (Circle One): Yes No

If yes, describe location: _____

BMP	CHECK IF PRESENT	CONDITION:	
		Good/Satisfactory/Requires Maintenance	Description of BMP preventative maintenance, corrective action, repairs, and locations
Berms			
Check Dams			
Culverts	X	Good	
Diversion Ditches			
Drainage Dip			
Erosion Control Blanket			
Filter Berms			
Gabions			
Gravel Surfacing	X	Good	
Land Grading			
Level Spreader			
Mulching			
Revegetation			
Rip Rap			
Sediment Trap	X	Good	
Silt fence			
Stabilized Construction Entrance			
Straw Bale Barrier			
Straw Wattles			
Surface Roughening			
Terracing			
Vegetative Buffer			
Water Bar			

Description of actions to correct or improve site conditions since last inspection: _____

Notes: Received .90" rain overnite on the 19th & 20th

Based upon my visual inspections of the site conditions, this inspection does not identify incidents of non-compliance and I certify that this site is in compliance with the SWPPP (Circle One): Yes No

Inspector Printed Name: Charley Young

Inspector Signature: Charley Young Date: 9.22.17

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton, ND

Inspection Date: 9.25.17

Inspection Type (Circle One): Weekly Bi-Weekly Monthly

Precipitation Event Greater than ¼" (Circle One): Yes No

Outfalls: Evidence of sediment or pollutants offsite as a reported release? (Circle One): Yes No

If yes, describe location: _____

BMP	CHECK IF PRESENT	CONDITION: Good/Satisfactory/Requires Maintenance	Description of BMP preventative maintenance, corrective action, repairs, and locations
Berms			
Check Dams			
Culverts	X	Good	
Diversion Ditches			
Drainage Dip			
Erosion Control Blanket			
Filter Berms			
Gabions			
Gravel Surfacing	X	Good	
Land Grading			
Level Spreader			
Mulching			
Revegetation			
Rip Rap			
Sediment Trap			
Silt fence	X	Good	
Stabilized Construction Entrance			
Straw Bale Barrier			
Straw Wattles			
Surface Roughening			
Terracing			
Vegetative Buffer			
Water Bar			

Description of actions to correct or improve site conditions since last inspection: _____

Notes: Received 1.45" rain from late Saturday night (9.23.17) thru late Sunday afternoon (9.24.17)

Based upon my visual inspections of the site conditions, this inspection does not identify incidents of non-compliance and I certify that this site is in compliance with the SWPPP (Circle One): Yes No

Inspector Printed Name: Charley Young

Inspector Signature: *Charley Young* Date: 9.25.17