

Mapleton Terminal PSC Monthly Activity Report: July 2017



1. Summary

Construction of the Mapleton Terminal commenced on June 8, 2017, with installation of stormwater controls and the start of initial grading. Surveying the layout of terminal equipment locations, site grading, and foundation excavations continued throughout the month.

2. Progress

Initial stormwater controls, consisting of silt fence, were installed at the site entrance off of 165th Avenue SE, while culverts underneath the terminal access road were installed the week of July 10, 2017. Weekly and precipitation-event required stormwater inspections were conducted on July 7, 14, 28, and 31, 2017. Stormwater inspection reports are included as Attachment 1, while select site photographs are included as Attachment 2.

ATTACHMENT 1

NuStar Mapleton Terminal Weekly Reports

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton ND.

Inspection Date: 7.7.17

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			
Diversion Ditches			
Drainage Dip			
Erosion Control Blanket			
Filter Berms			
Gabions			
Gravel Surfacing	✓	Good	
Land Grading			
Level Spreader			
Mulching			
Revegetation			
Rip Rap			
Sediment Trap			
Silt fence	✓	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: .1" Of precipitation fell early morning hours of 7.5.17

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: 7.7.17

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton ND.

Inspection Date: 7.14.17

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	West Culvert: N.46.8842 _ W.097.01054
Diversion Ditches			East Culvert: N.46.88433 _ W.097.00842
Drainage Dip			North Culvert: N.46.88515 _ W.097.00603
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 3 culverts across terminal access road. Placed silt fence on the downstream side of the culverts – 7.13.17

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: 7.14.17

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton, ND.

Inspection Date: 7.28.17

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	West: N.46.8842 / W.97.01054
Diversion Ditches			East: N.46.88433 / W.97.00842
Drainage Dip			North: N.46.88515 / W.97.00603
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: Charley Young

Inspector Signature: *Charley Young* Date: 7.28.17

STORMWATER FIELD INSPECTION – MAPLETON TERMINAL CONSTRUCTION

Location Description: Mapleton Terminal, Mapleton, ND.

Inspection Date: 7.31.17

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: Rained 0.40" between 2200-2400 Hrs.

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: 7.31.17

ATTACHMENT 2

Select Site Photographs of the NuStar Mapleton Terminal, Cass County, North Dakota

July 2017



East culvert installation with silt fence



West culvert installation with silt fence



North culvert with silt fence