

Report

Subject: Inspection of Woodridge Village, Figure Four Partners, LTD (Perry Homes Development)

Observations:

- Construction site is wet from recent rains
- Gathering cleared trees, brush and debris is suspended due to weather
- Chipping of brush and trees has begun
- Berm between Detention Pond #1 and #2 is complete but not stabilized
- No dust is detected on site
- Plans for detention ponds for future phases have been completed and plans have been returned from Montgomery County with few comments
- Construction on these detention ponds is anticipated to begin in six (6) weeks
- South portion of construction site has been seeded and grass seeds are now germinating
- North portion of construction site has been seeded and grass seeds have begun to germinate
- Water in Taylor Gulley is turbid due to recent rain
- Streets near Woodland Hills Drive are clean
- Storm sewer inlets have been serviced
- Construction and silt fencing at Woodland Hills Drive median is well maintained
- Creek Manor Drive has been stabilized using curlex erosion control blanket and grass is well established
- End of Village Springs Drive, slope has been stabilized using curlex erosion control blanket and grass is well established
- Light sediment in gutters on Village Springs and Creek Manor Drive
- Harris County Flood Control has seeded Taylor Gulley levee and side slopes and grass is very well established
- Silt fencing across Taylor Gulley is in acceptable shape
- Hay bales upstream on the outfall structure are in place and secure
- Hay bales downstream on the outfall structure remain in place and appear to be effective
- Some light silt has accumulated in outfall structure
- New back-slope drain has been installed at Detention Pond #1
- Sediment is present in back-slope drain
- Construction activity at Detention Pond #1 and Montgomery County Ditch is complete

Actions to be addressed:

- Continue to maintain outfall structure and silt fencing
- Dust control measures on clear-cut area has been initiated except for the area around the piles of trees, brush and debris

Actions discussed with Figure Four Partners, LTD (Perry Homes):

- Figure Four Partners, LTD has swept Village Springs Drive, Creek Manor Drive and additional streets in the Elm Grove Subdivision
- Figure Four Partners, LTD (Perry Homes) has removed debris and stabilized disturbed areas at the end of Village Springs Drive
- Figure Four Partners, LTD (Perry Homes) has removed sediment and stabilized disturbed areas at the end of Creek Manor Drive
- Figure Four Partners, LTD (Perry Homes) has added hay bales upstream and downstream of outfall structure at Taylor Gulley as a Best Management Practice (BMP's) to reduce sediment migration
- Figure Four Partners, LTD (Perry Homes) has maintained hay bales on outfall structure
- Figure Four Partners, LTD (Perry Homes) has added a second silt fence across Taylor Gulley
- Figure Four Partners, LTD (Perry Homes) has maintained the existing silt fence across Taylor Gulley
- Figure Four Partners, LTD (Perry Homes) has stabilized clear-cut area
- Figure Four Partners, LTD (Perry Homes) continues to shred the trees and brush
- Figure Four Partners, LTD (Perry Homes) continues to inspect and maintain construction site entrance and storm sewer Inlets on Woodland Hills Drive
- Construction on detention ponds for future phases is anticipated to begin in six (6) weeks
- Locked gates are to be added at construction site entrances to restrict public access

Schedule for actions:

- Construction on detention ponds for future phases is anticipated to begin in six (6) weeks
- Figure Four Partners, LTD (Perry Homes) has removed debris and stabilized disturbed area at the end of Village Springs Drive; **completed**
- Figure Four Partners, LTD (Perry Homes) has removed sediment and stabilized disturbed area at the end of Creek Manor Drive; **completed**
- Grass seeds in the Curlex Blanket have germinated and is thriving; **installation is complete**

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- Figure Four Partners, LTD (Perry Homes) has swept Village Springs Drive, Creek Manor Drive and additional streets in the Elm Grove Subdivision; **completed**
- Figure Four Partners, LTD (Perry Homes) has maintained hay bales at outfall structure at Taylor Gulley as a Best Management Practices (BMP's) to reduce sediment migration; **complete**
- Remove sediment from concrete approach and outfall structure at Taylor Gulley; **completed**
- South portion of construction site has been seeded and the grass seeds have germinated; **monitor**
- North portion of construction site has been seeded and the grass seeds have germinated; **monitor**
- Stabilize clear-cut area to reduce dust; **in progress**
- Maintain Silt fencing across Taylor Gulley and install additional layers of silt fencing; **complete**

Photos:



Signage on Woodland Hills Drive



New Street to be Connected to Woodland Hills Drive



Median Protection on Woodland Hills Drive

1/13/2020



View of Construction Site Entrance on Woodland Hills Drive
Note: Light tracking



View of South Construction Area with Grass Stabilization

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Inlet Protection on Woodland Hills Drive



View of Detention Pond #2 Looking East
Note: Detention pond has not been stabilized

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View of Silt Fencing in Good Condition



View of Creek Manor and Village Springs Drive

1/13/2020



Vegetation at End of Village Springs Drive



View of New Berm Between Detention Pond #1 and #2



Vegetation at End of Creek Manor Drive



View of Taylor Gulley Looking South



View of Outfall of Detention Pond #1 to Taylor Gulley
Note: Silt fences are well maintained



View of Outfall of Detention Pond #1 to Taylor Gulley
Note: Hay Bales are well maintained



View of New Berm at Detention Pond #1 Looking West



View of Upstream Outfall Structure from Detention Pond #1 to Taylor Gulley
Note: Hay bales are in place and well maintained



Close View of Hay Bales



Detention Pond #1 Side Slopes are Dressed but Require Stabilization

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View of Overflow from Montgomery County Flood Control Ditch to Detention Pond #1
Note: Grass seeds are germinating



View of Montgomery County Flood Control Ditch with Concrete Slopes

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Upstream Outfall of Montgomery County Flood Control Ditch to Taylor Gulley



View of Montgomery Flood Control Ditch Outfall to Taylor Gulley



View of Former Equipment Staging Area



Detention Pond #1 Side Slopes are Dressed but Require Stabilization

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View of Construction Entrance on Webb Road
Note: Light tracking



View of Northern Clear-cut Area Looking Southeast
Note: All trees and brush have not been chipped



View of Northern Clear-cut Area Looking South
Note: All trees and brush have not been chipped



View of Northern Clear-cut Area Looking East
Note: All trees and brush have not been chipped