

Report

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

Observations:

- Construction site is wet but drying out
- Mulch has been removed from construction site
- Equipment is mobilizing to begin construction of additional detention ponds
- Berm between Detention Pond #1 and #2 has been hydro-mulched
- No dust was detected on site
- Plans for detention ponds for future phases have been completed and plans have been returned from Montgomery County with few comments
- N-2 Northern detention has been approved by the City on March 17, 2020.
- Contract for additional detention ponds is signed and construction should begin soon, weather permitting
- The south portion of the construction site has been seeded and grass seeds have germinated and are thriving
- The north portion of the construction site has been seeded and grass seeds have germinated and are thriving
- Some portions between the north construction area and the south construction area have not been stabilized
- Water in Taylor Gulley is lightly turbid
- Construction entrance on Woodland Hills Drive requires minor maintenance
- 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 well established
- Silt fencing across Taylor Gulley has been replaced
- 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
- New back-slope drain has been installed at Detention Pond #1
- Construction activity at Detention Pond #1 and Montgomery County Ditch appears complete
- Gates have been installed at the Construction Site Entrance on Webb Road

Actions to be addressed:

- Continue to maintain outfall structure and silt fencing to Taylor Gulley

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- Dust control measures on clear-cut area has been initiated except for the area around the piles of trees, brush and debris
- Stabilize the middle area of the construction site, between the northern and southern areas

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

- Figure Four Partners, LTD (Perry Homes) 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 portions of clear-cut area
- Figure Four Partners, LTD (Perry Homes) continues to remove shredded trees and brush for off site disposal
- Figure Four Partners, LTD (Perry Homes) continues to inspect and maintain construction site entrance and storm sewer Inlets on Woodland Hills Drive
- Mobilization for the construction of detention ponds for future phases has begun
- Gates have been added at construction site entrance at Webb Road to restrict public access

Schedule for actions:

- Mobilization for the construction of detention ponds for future phases has begun
- 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**
- Gates have been added at construction site entrance at Webb Road to restrict public access; **completed**
- Grass seeds in the Curlex Blanket have germinated and is thriving; **installation is complete**
- Figure Four Partners, LTD (Perry Homes) has swept Village Springs Drive, Creek Manor Drive and additional streets in the Elm Grove Subdivision; **completed**

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- 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; **continue to monitor**
- Stabilize clear-cut area to reduce dust; **partially completed, continue to monitor**
- Maintain Silt fencing across Taylor Gulley and install additional layers of silt fencing; **complete**

Photos:



New Signage on Woodland Hills Drive

Note: "Perry Homes – Woodridge Forest" sign has been removed

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New Street to be Connected to Woodland Hills Drive



Median Protection on Woodland Hills Drive

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



Inlet Protection on Woodland Hills Drive

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View of Clear-Cut Area Looking North
Note: Chipped vegetation has been removed



View of Clear-Cut Area Looking North
Note: Chipped vegetation has been removed

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View of Detention Pond #2 Looking East
Note: Grass seeds have germinated and are thriving



View of Upstream Outfall Structure from Detention Pond #1 to Taylor Gulley

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View of Overflow from Montgomery County Flood Control Ditch to Detention Pond #1



Detention Pond #1 Side Slopes are Dressed and Stabilized with Hydro-Mulch
Note: Bare areas require attention

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View of Upstream Outfall Structure from Montgomery County
Flood Control Ditch to Taylor Gulley



View of Montgomery County Flood Control Ditch Outfall to Taylor Gulley
Note: No discharge

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View of Montgomery County Flood Control Ditch with Concrete Slopes



Overflow from Montgomery County Flood Control Ditch to Detention Pond #1
Note: This area has been re-stabilized with Hydro-Mulch

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Overflow from Montgomery County Flood Control Ditch to Detention Pond #1
Note: This area has been re-stabilized with Hydro-Mulch



View of Taylor Gulley Looking South
Note: Vegetation is well established

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View of Outfall of Detention Pond #1 to Taylor Gulley
Note: Silt fencing has been replaced



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

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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

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View of Side Slopes of Detention Pond #1



Berm between Detention Pond #1 and #2

Note: Detention pond #1 slopes are dressed and partially stabilized with hydro-mulch

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View of Clear-Cut Area Looking Northwest
Note: Chipped vegetation has been removed



Intersection of Village Springs and Creek Manor Drive

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View of Vegetation at the End of Village Springs Drive



View of Vegetation at the End of Creek Manor Drive

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View of Construction Entrance on Webb Road
Note: Light tracking and new gates



View of Northern Clear-cut Area Looking East
Note: Area has been hydro-mulched and is partially stabilized

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View of Northern Clear-cut Area Looking Southeast
Note: Area is partially stabilized



View of Northern Clear-cut Area Looking South
Note: Area is partially stabilized