

General Information
(see reverse for instructions)

Name of Project	Franklin Hills Estates & Country Club	CGP Tracking No.	IR #20-10	Inspection Date	12/10/2020
Inspector Name, Title & Contact Information	Inspector: Jacob Faulise, E.I.T.		Reviewer: David McKay, P.E.		
Present Phase of Construction	Phase 1				
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)	Areas of Concern as defined at site walk with wetlands commission				
<p>Inspection Frequency (Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply.)</p> <p>Standard Frequency: <input type="checkbox"/> Weekly <input type="checkbox"/> within 24 hours of a 0.5" rain</p> <p>Increased Frequency: <input type="checkbox"/> Every 7 days and within 24 hours of a 0.5" rain (for areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3)</p> <p>Reduced Frequency:</p> <ul style="list-style-type: none"> - <input checked="" type="checkbox"/> Once per month (for stabilized areas) - <input type="checkbox"/> Once per month and within 24 hours of a 0.5" rain (for arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought) - <input type="checkbox"/> Once per month (for frozen conditions where earth-disturbing activities are being conducted) 					
<p>Was this inspection triggered by a 0.5" storm event? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, how did you determined whether a 0.5" storm event has occurred?</p> <p><input type="checkbox"/> Rain gauge on site <input checked="" type="checkbox"/> Weather station representative of site. Specify weather station source: Weather Underground – Franklin</p> <p>Total rainfall amount that triggered the inspection (in inches): 2" rain/snow mix starting on Friday, December 4th at 3pm and ending at 10pm on December 5th (~31 Hours)</p>					
<p>Unsafe Conditions for Inspection</p> <p>Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If "yes", complete the following:</p> <ul style="list-style-type: none"> - Describe the conditions that prevented you from conducting the inspection in this location: - Location(s) where conditions were found: 					



Condition and Effectiveness of Erosion and Sediment (E&S) Controls

Type/Location of E&S Control	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. Main Entry Water Crossing (Northerly of 3 rd Hole Green)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Stone check dam immediately upgradient of crossing has been partially flattened due to trespassing ATVs and has reached full capacity (Photo 1). Stone check dam in trail leading down to crossing has reached capacity (Photo 2). Both check dams need accumulated sediment removed and minor repair.
2. 15 th Green Sediment Barriers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Stone check dams and sediment fence rows across 15 th Hole green remain in good condition overall (Photo 3). Sediment fence rows and staked hay bales in one area have deteriorated and need to be replaced (Photo 4). Downgradient stone check dam remains in good condition. Sediment fence along tree line has undermined in two locations and should be repaired.
3. 15 th Fairway Sediment Barriers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Stone check dams, stone apron, staked hay bales, and sediment fence are all in good condition and functioning as intended with ample storage available (Photo 5).
4. Construction Entrance (Westerly of Proposed Maintenance Road)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Stone check dam and water bar across construction entrance are in good condition and functioning. Staked hay bales and sediment fence are deteriorating and have been removed from flow path (Photo 6). Stone check dams should be added to new swale if erosion occurs.
5. 7 th Hole Fairway Hillside	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sediment fence rows and check dams across 7 th Hole fairway are in good condition overall and functioning as intended with ample storage capacity available (Photo 7). Sediment fence has failed in several locations but remaining sediment barriers have area contained.
6. 11 th Hole Tee Box Area	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sediment fence row across path by 11 th Hole tee box has failed due to ATV traffic (Photo 8). At time of inspection the area was stable.
7. 14 th Hole Green Sediment Barriers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sediment fence row at tree line is allowing flow underneath in one location and needs to be corrected (Photo 9).
8. Created Wetlands Outlet	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Stone check dam at outlet of created wetlands remains in good condition and is functioning as intended. Check dam downgradient needs to be replaced (Photo 10).

* **Note:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.



Condition and Effectiveness of Pollution Prevention

Type/Location of P2 Practices	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

* Note:



Stabilization of Exposed Soil

Stabilization Area	Stabilization Method	Have You Initiated Stabilization?	Notes
1. Construction Access Drive	Plans - Anti-tracking pad Existing - Water bar at site entrance and silt fence backed by hay bales	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Sediment fence and staked hay bales have deteriorated and been removed since previous inspection. A newly excavated swale has been dug, apparently to keep runoff out of the road. Add stone check dams to swale if erosion occurs.
2. 7 th Hole Fairway Hillside	Plans – Multiple rows of silt fence Existing – Series of stone check dams and silt fence	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Area is stabilized at this time. Stone check dams, sediment fence rows, and staked hay bales remain in good condition overall with ample storage capacity available.
3. 15 th Hole Fairway	Plans – Silt fence and stone check dam Existing – Series of stone check dams and silt fence at limits of wooded area to the west	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Area is stabilized at this time. Stone check dams and sediment fence rows remain in good condition with ample storage capacity available.
4. 11 th Hole Tee Box Area	Plans – Silt fence and diversion channel Existing – Single row of silt fence across path and one stone check dam	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Area is stabilized at this time. Sediment fence has been knocked over by ATV traffic but area remains stable due to vegetation.

Description of Discharges

Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? Yes No

If "yes", provide the following information for each point of discharge:

Discharge Location	Observations
	<p>Note: Vegetation on site prevented visual examination of previous discharge points. No discharges were observed during the inspection. At the time of inspection, water courses were flowing within their respective channels at non-erosive velocities.</p>

Certification and Signature by Permittee

(see reverse for instructions)

"I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Permittee or
"Duly Authorized Representative":



Date: 12/10/2020

Printed Name and Affiliation:

David McKay, P.E. for Boundaries, LLC





Photo 1: Stone check dam immediately upgradient of main entry water crossing has flattened due to ATV traffic and has reached capacity with collected sediment.



Photo 2: Stone check dam in path leading to water crossing has reached capacity and allowed sediment to flow around check dam.

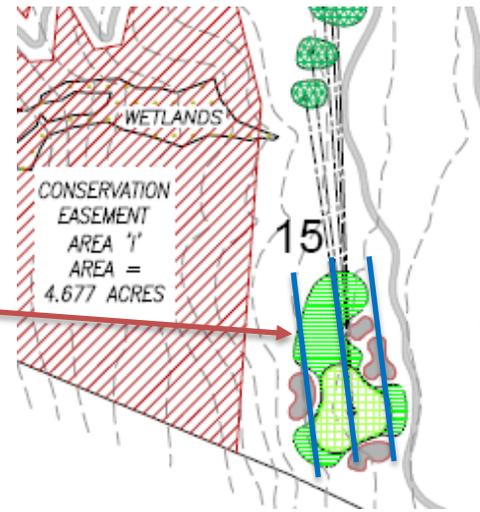


Photo 3: Sediment fence and stone check dams installed across the 15th hole green remain in good condition overall and are functioning as intended with ample storage capacity available.

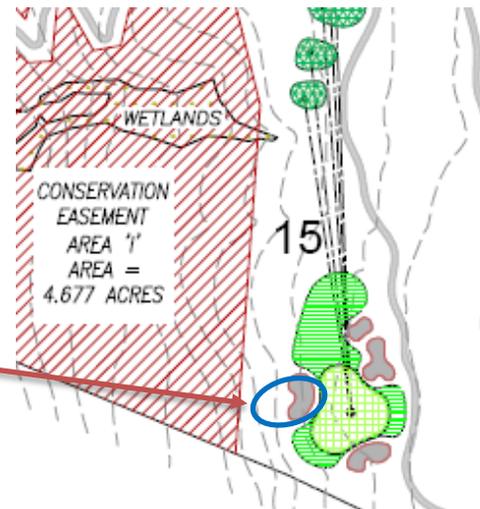


Photo 4: Staked hay bales and sediment fence in area shown have failed/deteriorated. Stone check dam downgradient remains in good condition with ample storage capacity available.

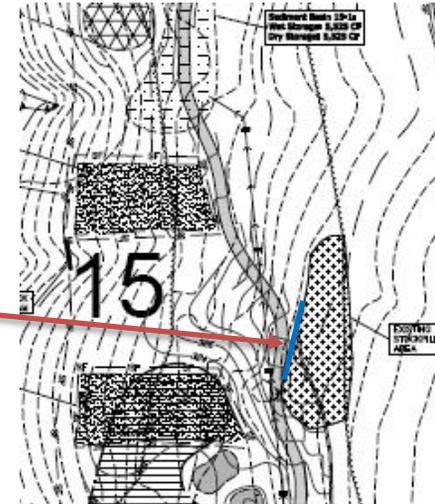


Photo 5: Stone check dams, staked hay bales, and sediment fence remain in good condition with ample storage capacity available.

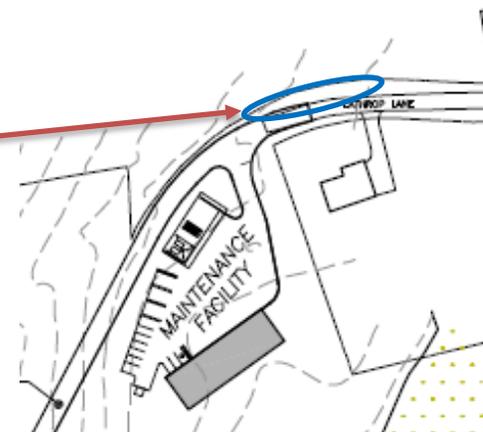


Photo 6: Staked hay bales and sediment fence at construction entrance have deteriorated and been removed since last inspection.

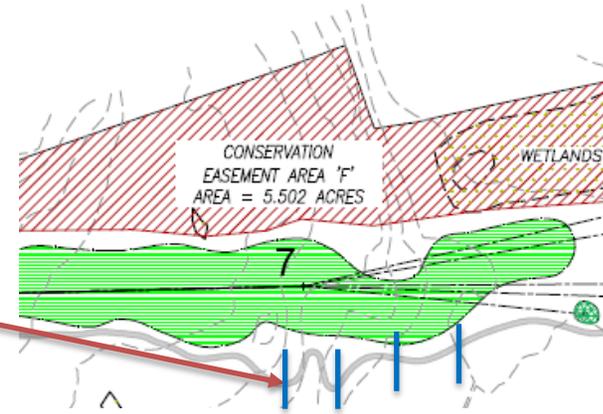


Photo 7: Stone check dams, sediment fence rows, and staked hay bales across the 7th hole fairway hillside remain in good condition and are functioning as intended with ample storage capacity available.



Photo 8: Sediment fence row across 11th hole tee box area has been knocked over by ATV traffic but area was stable at time of inspection.

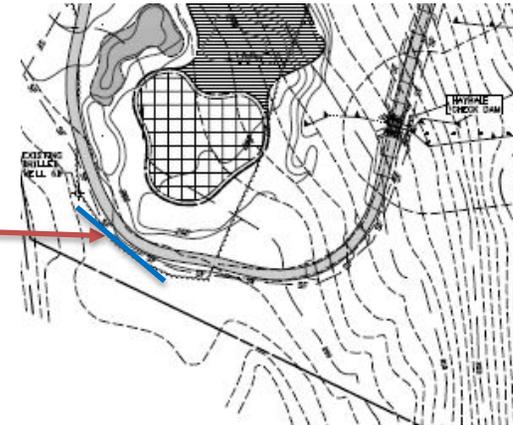


Photo 9: Sediment fence at tree line by 14th hole is allowing flow underneath in one location and needs to be repaired.

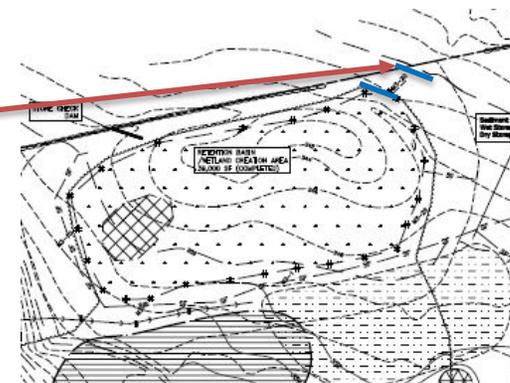


Photo 10: Stone check dam downgradient from created wetlands outlet is no longer functioning as intended and should be replaced.