

General Information
(see reverse for instructions)

Name of Project	Franklin Hills Estates & Country Club	CGP Tracking No.	IR #21-8	Inspection Date	4/16/2021
Inspector Name, Title & Contact Information	Inspector: David McKay, P.E.		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 type="checkbox"/> Once per month (for stabilized areas) - <input checked="" 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): 2.32" from 11:30 AM to 6:30 PM on April 15-16, 2021.</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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Stone check dam immediately upgradient of crossing has ample storage capacity (Photo 1). Stone check dam in trail leading down to crossing has ample storage capacity (Photo 2). Some off-road vehicles have started to damage the check dams, but ample capacity is still available.
2. 15 th Green Sediment Barriers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Downgradient stone check dam remains in good condition. Sediment fence along the cart path and along the tree line are in good condition. Intermediate sediment fence has been re-staked. (Photo 3). Sediment fence rows and staked hay bales in south end have been repaired and eroded area has been stabilized with stone. (Photo 4).
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 are in good condition and functioning as intended. (Photo 5).
4. Construction Entrance (Westerly of Proposed Maintenance Road)	<input type="checkbox"/> Yes <input checked="" 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 as intended (Photo 6). Diversion swale excavated to downgradient drainage structure does not show signs of erosion. 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		Check dams across 7 th Hole fairway are in good condition overall and functioning as intended (Photo 7). Clear flow was observed passing through the check dams.
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 and hay bale check dam are in good condition (Photo 8). Stone check dam has ample storage capacity. Some off-road vehicles have started to damage the hay bales, but ample capacity is still available.
7. 14 th Hole Green Sediment Barriers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional stone check dams and sediment fence are in good condition (Photo 9).
8. Created Wetlands Outlet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		No repairs required. Discharge from wetlands was flowing clear (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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	There was standing water in the swale during the inspection with no evidence of erosion. 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 are in good condition and are functioning as intended. Clear flow was observed passing through the check dams.
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	Stone check dams and apron are in good condition and functioning as intended. Clear flow was observed passing through the check dams.
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	Sediment fence, hay bale check dam and stone check dam are in good condition. Some off-road vehicles have started to damage the hay bales, but ample capacity is still available.



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
Swale by Construction Access Drive	Standing Water.
Main Entry Water Crossing	Clear flow contained within stream banks.
Created Wetlands Outlet	Clear flow into channel.
14 th Green to Off-site Area	No flow.

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: 4/16/2021

Printed Name and Affiliation:

David McKay, P.E. for Boundaries, LLC



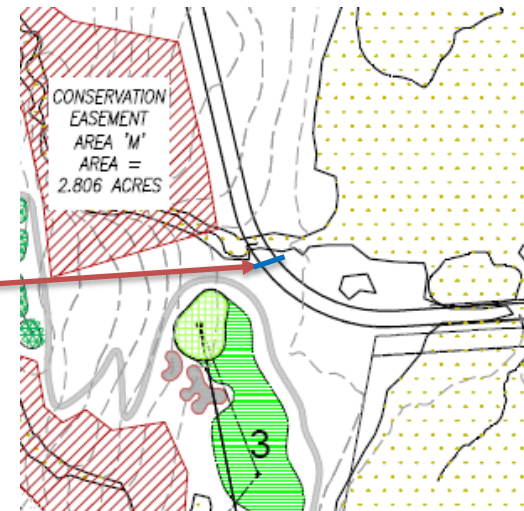


Photo 1: Stone check dam immediately upgradient of main entry water crossing is in good condition. Some off-road vehicles have started to damage the check dams, but ample capacity is still available.

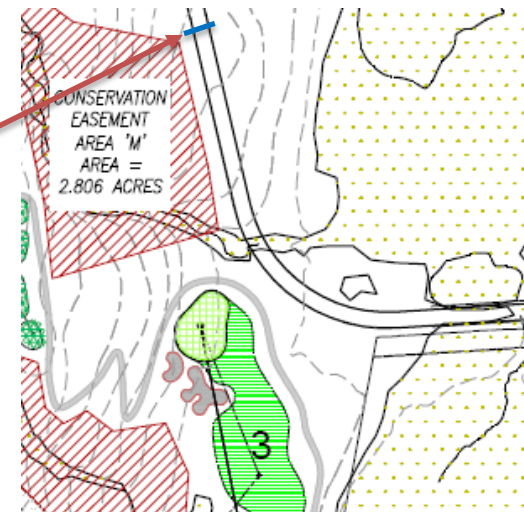


Photo 2: Stone check dams in path leading to water crossing are in good condition. Some off-road vehicles have started to damage the check dams, but ample capacity is still available.

Note: All photos were taken at the time of inspection, red arrows denote photo location and blue lines denote item of concern.

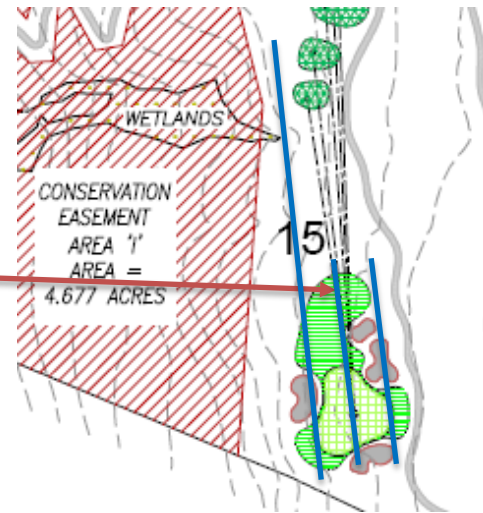


Photo 3: Sediment fence has been repaired and reinforced with stone check dams and is in good condition.

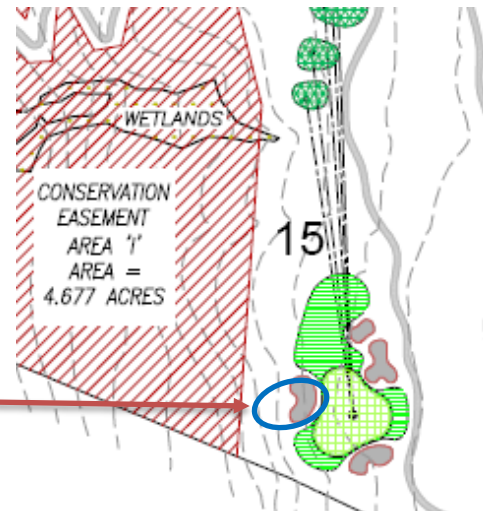


Photo 4: Staked hay bales have been replaced and eroded area has been stabilized with stone and is in good condition.

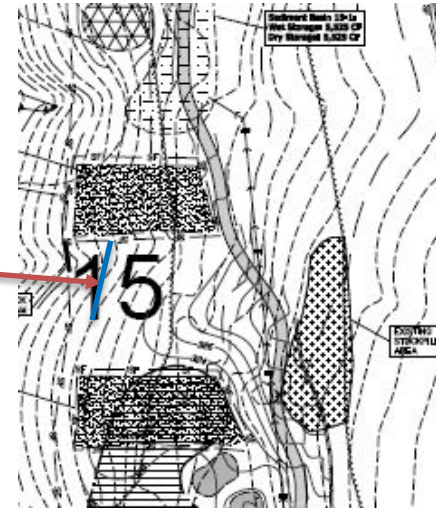


Photo 5: Filtered flow along 15th fairway at stone check dams and perimeter sediment fence.

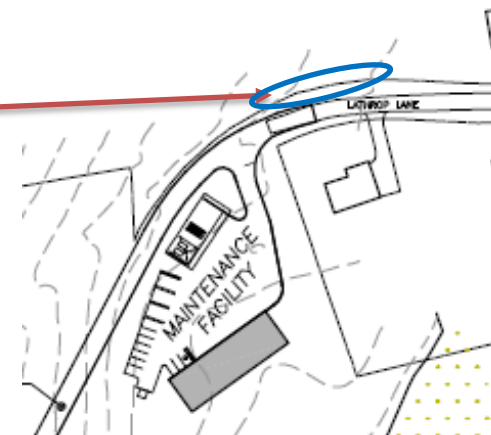


Photo 6: No signs of erosion in swale at entrance driveway.

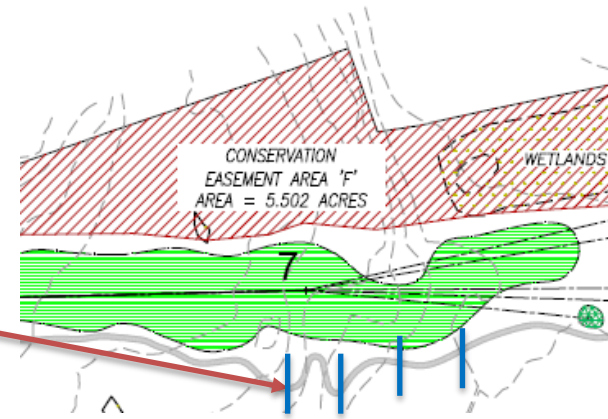


Photo 7: Stone check dams across the 7th hole fairway hillside are in good condition, filtered flow observed.

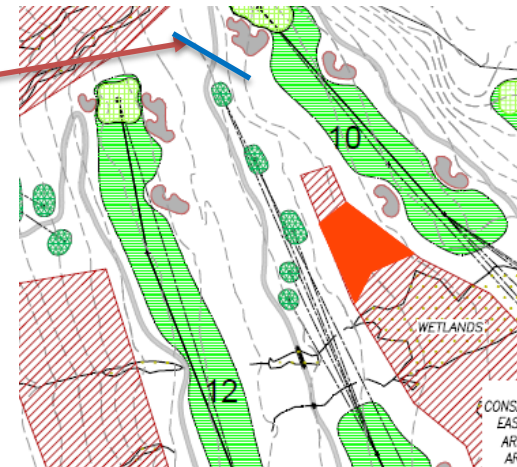


Photo 8: Sediment fence row across 11th hole tee box area has been repaired and stone check dam upgraded. A hay bale check dam has been added upgradient of the sediment fence. All measures are in good condition, some off-road vehicle traffic has damaged a portion of the hay bale check dam but adequate storage capacity is still available.

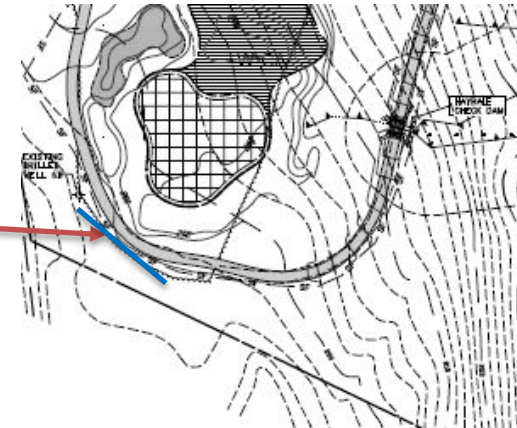


Photo 9: Sediment fence has been repaired and additional stone check dams added to disrupt flows. Measures are in good condition and flow is filtered by stone check dams.

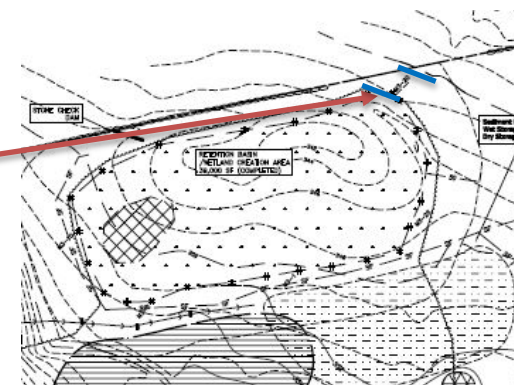


Photo 10: Clear flow from wetlands outlet.