

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PERMIT

Great Oaks Country Club
777 Great Oaks Boulevard
Rochester, MI 48307

Permit No.	04-63-0124-P
Issued	October 21, 2004
Extended	
Revised	
Expires	December 31, 2005

Under the provisions of the Natural Resources and Environmental Protection Act 451, PA 1994, as amended and specifically:

- | | |
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| <input checked="" type="checkbox"/> Part 301 Inland Lakes and Streams | <input type="checkbox"/> Part 315 Dam Safety |
| <input type="checkbox"/> Part 325 Great Lakes Submerged Lands | <input type="checkbox"/> Part 323 Shorelands Protection and Management |
| <input type="checkbox"/> Part 303 Wetland Protection | <input type="checkbox"/> Part 353 Sand Dune Protection and Management |
| <input checked="" type="checkbox"/> Part 31 Floodplain/Water Resources Protection | |

Permission is hereby granted, based on permittee assurance of adherence to State requirements and permit conditions to:

Permitted Activity: Conduct temporary drawdown of two ponds on site. Excavate 1,451 cubic yards of material along 1,925 linear feet of main branch channel to contour stream banks. Place 1,451 cubic yards of rock rip-rap armor stone for stream bank stabilization. Grade banks and install 1,600 cubic yards of rock rip-rap along 890 linear feet of pond/impoundment associated with Sargent creek and Great Oaks Country Club. Remove and replace two existing outlet control structures. Install two secondary control structures. Perform maintenance on one existing control structure. Excavate 3,185 cubic yards of material to enlarge and reshape existing detention basin. Install 900 linear feet of 38 inch by 60 inch RECP storm sewer and 12 inch storm sewer. Place 131 cubic yards of fill to raise existing footbridge and approach grades. Install rip-rap protection at all outlets.

Water Course Affected: Sargent Creek

Property Location: Oakland County, City of Rochester Hills, Section 9 10

Subdivision, Lot Town/Range 3N, 11E Property Tax No. 70-15-10-101-087 . 70-15-09-229-008

Authority granted by this permit is subject to the following limitations:

- Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- The permittee in exercising the authority granted by this permit shall not cause unlawful pollution as defined by Part 31, Floodplain/Water Resources Protection of the Natural Resources and Environmental Protection Act 451, PA 1994, as amended.
- This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- All work shall be completed in accordance with the plans and the specifications submitted with the application and/or plans and specifications attached hereto.
- No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved herein.
- It is made a requirement of this permit that the permittee give notice to public utilities in accordance with Act 53 of the Public Act of 1974 and comply with each of the requirements of that act.
- This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits or complying with other state statutes.
- This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- Permittee shall notify the Department of Environmental Quality within one week after the completion of the activity authorized by this permit, by completing and forwarding the attached, preaddressed post card to the office addressed thereon.
- This permit shall not be assigned or transferred without the written approval of the Department of Environmental Quality.
- Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific State Act, Federal Act and/or Rule under which this permit is granted.
- Work to be done under authority of this permit is further subject to the following special instructions and specifications:

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All work shall be completed in accordance with the attached, DEC approved, plans and the specific terms and conditions of this permit. Approved plans are those prepared by Spicer Group dated April, 2004.

Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation, Natural Resources and Environmental Protection Act (1994, PA 451 as amended) or the need to acquire applicable permits from the County Drain Commissioner.

The authority to conduct the activity as authorized by this permit is granted solely under provisions of the governing act as identified above. This permit does not convey, provide or otherwise imply approval of any other governing act, ordinance or regulation, nor does it waive the permittee's obligation to acquire any additional local, county, state, or federal approvals or authorizations necessary to conduct the activity.

During removal/reconstruction of the existing structure(s), every precaution shall be taken to prevent debris from entering any watercourse. Any debris reaching the watercourse during the removal and/or reconstruction of the structure shall be immediately retrieved from the water and disposed of at an upland site.

* The total net compensatory cut for the entire project is 1,903 cubic yards, and the total net compensatory cut within the floodplain is 575 cubic yards.

The proposed fill is located in a mapped portion of a department approved flood delineation report as identified by administrative rule R 323.1314. If the fill is located in a mapped floodway, a conditional letter of map revision based on fill (LOMR-F) must be received from the federal emergency management agency (FEMA) prior to the placement of fill. A LOMR-F must be applied for within 45 days of project completion. The requirements found in Section 65.6(a) of the FEMA's 44CFR Part 65 must be followed.

Compensating cuts (excavations) for floodplain fill, as authorized by this permit, shall be completed prior to, or concurrent with, the placement of the authorized fill. The compensating cut and fill areas shall be properly stabilized to prevent soil erosion and off site sedimentation in conformance with Part 91, Soil Erosion and Sedimentation Control, of the NREPA.

Fill shall be placed in such a manner as to prevent surface water drainage across the site. Site runoff shall be directed to public or natural drainage ways and not be discharged onto adjacent properties.

Within 60 days from the completion of this project, 'as-built' plans and/or an elevation certificate signed and sealed by a qualified design professional licensed in the State of Michigan, certifying that the project including any required compensating cut and fill has been completed per approved plans shall be submitted to the local building official and the state.

The developer shall apply for a Letter of Map Revision with FEMA for the revision of the floodplain map upon the completion of the project.

Should this permit result in an unreasonable encroachment, interference with adjacent riparians or the public trust, permittee agrees in exercising the authority granted herein, to make adjustments in the project as ordered by the Department of Environmental Quality.

Non-compliance with these terms and conditions, and/or the initiation of other regulated activities not specifically authorized by this permit shall be cause for the modification, suspension or revocation of this permit, in whole or in part. Further, the Department of Environmental Quality may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, to protect natural resource values, and secure compliance with statutes.

The property owner, contractor and/or any agent in obtaining this permit are held responsible to insure the project is constructed in accordance with all plans and specifications contained in this permit.

Fill shall consist of clean inert material which does not contain soluble chemicals, organic matter, pollutants or contaminants

Riprap shall consist of clean stone or rock, or clean broken concrete (free of protruding steel reinforcement, soil or other fines, asphalt, soluble chemicals, or organic material). Riprap shall be of appropriate weight and dimension necessary to achieve the intended shore protection. Riprap shall be placed mechanically or by hand.

Permittee is responsible for controlling all authorized fill material including soils graded on site and shall prevent same from entering any surface water or wetland except as otherwise specified by this permit. NO fill shall be allowed to escape from

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the area(s) specified to receive fill either by willful intent, neglect or faulty maintenance of erosion controls. Fill which has been authorized by this permit which leaves the specified fill area constitutes a violation of this permit.

This permit is limited to authorizing the construction as specified above and carries with it no assurances or implications that any associated wetland area can be developed or serviced by the structures authorized by this permit.

Any modification or revision to the attached authorized plans must be approved IN WRITING by the Department of Environmental Quality prior to construction.

Permittee is cautioned against commencing work in unacquired right of ways or easements. This permit does not convey any interest in property or property rights in either real estate or material. Permittee is responsible for acquiring all necessary easements or right of ways before commencing any work.

If the project, or any portion, is stopped and lies uncompleted for any length of time other than that encountered in a normal work week, every precaution shall be taken to protect the uncompleted work from erosion, including the placement of temporary sandbag riprap or other acceptable temporary protection.


In issuing this permit, the Department of Environmental Quality has relied on the information and data which permittee has provided in connection with the permit application. If, subsequent to the issuance of this permit, such information and data prove to be false, incomplete, or inaccurate, the Department may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.

The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representatives of the permittee, undertaken in connection with this permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.

Unless specifically authorized by this permit no soil or other material from the project may be deposited in or allowed to enter by neglect, lack of maintenance or willful intent any wetlands or surface water. All excess soil material shall be placed on upland (non-wetland, non-floodplain) site sodded or mulched and seeded to prevent erosion into surface waters or wetlands.

All raw areas resulting from the permitted construction activity shall be promptly and effectively stabilized with sod or seed and mulch) or other technology specified by this permit) in sufficient quantity and manner so as to prevent erosion and any potential siltation to surface waters or wetlands.

Steven E. Chester, Director
Department of Environmental Quality

By 
Thomas G. Sampson
District Representative
Land and Water Management Division

cc: Oakland GEA
City of Rochester Hills Clerk
Mr. Mike Nurse, Wetland & Coastal Resources, Inc.
Mr. Peter Collins, AST) Environmental
Mr. Shawn Middleton, Spicer Group