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cc: Admin  
Gene B.  
Tim A



State of New Jersey  
Department of Environmental Protection

Jon S. Corzine  
Governor

Lisa P. Jackson  
Commissioner

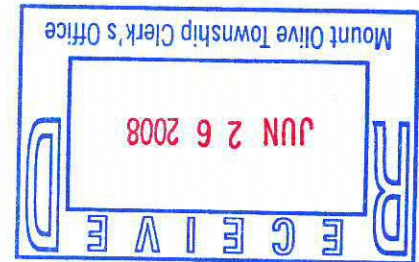
New Jersey Division of Fish & Wildlife  
Bureau of Freshwater Fisheries  
P.O. Box 394, Lebanon, NJ 08833  
(908) 236-2118 FAX: (908) 236-7280

Visit our Division Website at: [www.njfishandwildlife.com](http://www.njfishandwildlife.com)

June 23, 2008

Bruce A. Mueller  
Mt. Olive Complex Inc.  
40 Wolfe Road  
Budd Lake, NJ 07828

Re: Morris County YMCA Dam  
NJ DEP File No. 25-67



Dear Mr. Mueller:

Due to the unsafe condition of the Morris County YMCA Dam, as deemed by NJ DEP Bureau of Dam Safety and Flood Control, the Division of Fish and Wildlife grants the enclosed Water Lowering Permit.

The Division of Fish and Wildlife has concern for the aquatic resource not only within the impoundment, but also for the aquatic habitat and biota downstream of the dam, flowing into the South Branch of the Raritan River. A recent site visit revealed that the above mentioned dam currently holds back a tremendous amount of accumulated sediments, that if released, may threaten the viability of the biota inhabiting the river. The South Branch of the Raritan River is a valuable fisheries resource consisting of trout production waters (C-1 antidegradation) and trout stocked waters. Landscape search revealed wood turtle (State Threatened) habitat in proximity to the pond and downstream.

The Division of Fish and Wildlife wishes that Mt. Olive Complex Inc. takes action to minimize environmental impacts by working closely with NJDEP Bureau of Dam Safety and Flood Control and adheres to the Dam Removal Criteria as outlined in New Jersey Division of Fish and Wildlife's Guidance Manual for the Protection of Fish and Wildlife Resources Relative to the Dam Safety Program Permits June 2006 (revised April 3, 2007 – page #4) (revised April 4, 2007 – page #4). Measures should be taken to control and remove impounded sediment, thus minimizing it's downstream movement, not only during the drawdown period, but also afterward until newly exposed impounded sediments are stabilized via vegetative cover and/or other stream stabilization/restoration methods that may be implemented. Additional actions may include but are not limited to: lowering the water incrementally, removing impounded sediments, redirecting

flows as to not was loose sediments downstream, seeding newly exposed lake bed to establish a vegetative cover to help retain sediment. Seeding recommendations include the following species and application rates as outlined in the New Jersey Natural Resources Conservation Service document, "Critical Area Planting,"

<http://efotg.nrcs.usda.gov/references/public/NJ/NJ342.pdf>

Below are two recommended seed mixes:

Deertongue *Dicanthelium clandestinum* 15 lbs./ac.  
Creeping Red Fescue *Festuca rubra* var. *rubra* 20 lbs./ac.  
Virginia Wild Rye *Elymus virginicus* 5 lbs./ac.

or

Canada Wild Rye *Elymus canadensis* 5 lbs./ac.  
(Use Virginia wild rye on moist, shadysites. Use Canada wild rye on droughty sites)

and

*Warm-Season Grasses*

Foxtail Millet *Setaria italica* 30 lbs./ac.  
Pearl Millet *Pennisetum glaucum* 20 lbs./ac.

Please contact Shawn Crouse at (908) 236-2118 if you have any additional questions or concerns.

Sincerely,



Shawn Crouse  
Principal Fisheries Biologist

C: Christopher S. Adams, P.E., of Civil Dynamics, Inc.  
Mount Olive Township Engineer & Clerk  
Morris County Engineering  
John Moyle, P.E., Manager NJDEP - DEP Bureau of Dam Safety and Flood Control



STATE OF NEW JERSEY  
 Department of Environmental Protection  
**DIVISION OF FISH AND WILDLIFE**  
 P.O. Box 400  
 Trenton, New Jersey 08625  
 David Chanda, Director  
 Tel: (609) 292-2965 Fax:(609) 984-1414



**WATER LOWERING PERMIT**

Raritan

Permit No. <b>08-350</b>	Effective Date: <b>June 17, 2008</b>	Expiration Date: <b>Indefinite</b>	Statute: <b>NJSA 23:5-29</b>
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This permit is issued for the purpose of protecting the state's aquatic resources, both within and adjacent to the identified waterway, and for no other purpose. It does not relieve the permittee from any liabilities to any persons or property affected by the lowering and does not authorize the permittee to conduct any construction or alteration activities in conjunction with the lowering. The New Jersey Department of Environmental Protection Division of Fish and Wildlife grants this permit in accordance with your application, attachments accompanying same application and applicable laws and regulations. This permit is subject to further conditions and stipulations enumerated in the supporting documents, which are agreed to by the permittee upon acceptance of the permit.

**Mt. Olive Complex, Inc.  
 40 Wolfe Road  
 Budd Lake, NJ 07828**

**Is permitted to draw off the waters of Morris County YMCA Dam Pond, located off River Road 404, Morris County, provided measures are taken to prevent the destruction of fish. The water level may be lowered a maximum of 4.25 feet, as measured from the crest of the spillway, directed to drain lake by Bureau of Dam Safety and Flood Control.**

**PERMIT CONDITIONS:**

Permittee must notify the Division's Bureau of Freshwater Fisheries [(908) 236-2118] 24 hours prior to initial water lowering, and again within 24 hours of initial refilling.

During lowering the rate of release must be controlled such that there is no over-bank flow of the primary downstream channel.

Once lowered, a continuous release of water must be passed downstream to maintain aquatic biota in the watershed below the dam; amount of outflow should be the approximate equivalent to the amount of inflow into the impoundment (excluding storm flows).

Permittee assumes all responsibility for protecting and salvaging fish affected by this lowering. The transfer of live fish to other bodies of water requires a stocking permit issued by this Division.

During refilling water flow out of the impoundment must be maintained so that fish life downstream is protected.

Violation of any provision of this permit shall render this permit void.

CC: Northern Law

June 24, 2008

David Chanda, Director