

Construction Memo No. 4-01

MEMO TO: Chief District Engineer
TEBM's for Construction
District Construction Engineer
Resident Engineers
Active Consultant Engineers

FROM: Dexter Newman, P. E. Director
Division of Construction

DATE: May 16, 2001

SUBJECT: Erosion Control

Attached is a letter from John Dovak, Supervisor of the Enforcement Branch of the Division of Water concerning a couple of erosion control issues he feels strongly about. We need to respect his opinion on these matters, and treat this letter as an official notification of the Division of Water's position. Modify all existing projects accordingly as needed to accomplish the changes, and set up future projects by this methodology.

Whenever we are pumping water, whether out of a footer excavation, a cofferdam, or anything else, the water must go into some sort of a settling basin before going into the stream. The water cannot be pumped directly into the stream. The basins need to be cleaned out regularly as needed, or they aren't doing their job of retaining the sediment generated from the excavations. We have been building cofferdams by this concept for about four years now, and have built some nice basins. Evidently, the Division of Water has seen instances where the water was being pumped directly into the streams, and is putting us on notice to change our ways.

The first bullet of the attached letter speaks for itself. The construction of culverts may require some extra thought and planning because of this change in regards to erosion control. Extra dewatering efforts may be necessary. In general, we need to avoid any entanglements involving "blue line streams."

c.c.	J. M. Yowell	Simon Cornett
	Cliff Linkes	Steve Goodpaster
	Rick Stansel	C.O. Engineers
	Chuck Knowles	KAHC
	J. D. Stone	FHWA
	Gary Sharpe	

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NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
FRANKFORT OFFICE PARK
14 REILLY RD
FRANKFORT KY 40601

May 10, 2001

Mr. Dexter Newman, Director
Division of Construction
Kentucky Transportation Cabinet
Frankfort, KY 40601

RE: Construction BMPs for Highway
Construction Projects

Dear Mr. Newman:

With the beginning of the 2001 highway construction season, I would like to take the opportunity to clarify the position of the Division of Water concerning several erosion control activities that have been observed recently on KTC projects:

- The Division of Water (DOW) considers the use of "rock check" structures in waters of the Commonwealth to be an ineffective erosion control BMP and a violation of Kentucky water quality standards. For purposes of this discussion, the DOW will define waters of the Commonwealth as a solid or dashed line on a USGS topographic map. The use of "rock check" structures for sediment collection is limited to ephemeral streams and man-made ditches.
- All water pumped from excavated areas must be treated to remove suspended solids prior to discharge to a stream.

Please pass this information to your field staff.

Sincerely,

John L. Dovak

John L. Dovak, Supervisor
Water Quality Certification Section

DIV. OF CONSTRUCTION

2001 MAY 15 A 4 03

JLD:jd

cc: DOW Regional Office Supervisors
Sam Lester
Bruce Scott



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