

**Response to Data Request of
OPR/DEER/ERA II
Date: March 16, 1998
Docket No. CP98-150-000**

MILLENNIUM PIPELINE COMPANY, L.P.

Data Request No. 11

How would Millennium monitor, control, and mitigate the effects of blasting? Identify by milepost and name, if applicable, all waterbodies that would require blasting.

Response:

Millennium will remove rock without blasting to the greatest extent possible in all waterbodies. Where blasting is required, charges will be the minimum needed to enable construction to continue. If stream crossing permitting agencies suggest that scare charges be applied in streams with important fisheries, Millennium will implement this protection measure. Otherwise, Millennium believes that pre-detonation activities in streams are sufficient to scare stream biota away from the blasting area.

Millennium will provide an anticipated schedule for blasting in streams prior to the start of construction. The locations and revised schedules for blasting will be updated during construction as needed. Millennium anticipates that a large portion of the shot rock will be broken up by construction equipment traffic and incorporated into the ROW during restoration. Rock that is too large to be incorporated into the upland portion of the ROW will be stockpiled along the edge of the permanent ROW (with landowner permission), or hauled from the site and disposed of in an approved landfill.

Table DR-011 (attached) provides an estimate by milepost where blasting may be required in waterbodies.

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**Table DR-011 - Pipeline
Waterbodies Within Possible Blasting Areas**

Waterbody	Milepost	Type (1)	Crossing Width (feet)	State Water Quality Classification (2)	Fishery Type (3)	Special Fishery Regulations
CWF						
Tributary of Bennetts Creek	151.77	I	27	C	C	Largemouth Bass, Smallmouth Bass
Tributary of Rock Creek	152.89	I	9	C	C	Largemouth Bass, Smallmouth Bass
Tributary of Bennetts Creek	156.43	P	14	C	C	Largemouth Bass, Smallmouth Bass
Tributary of Catatunk Creek	228.98	I	9	C	C	Trout
Tributary of Owego Creek	231.15	P				
Tributary of Oquaga Creek						
Bear Brook						
Tributary of Sands Creek						
Tributary of East Branch Delaware River						Trout
Tributary of East Branch Delaware River	288.95	I	<10	C	C(TS)	Trout
Gee Brook	290.55	I	<10	C	C(T)	Trout
Hoolihan Brook						



**Table DR-011 - Pipeline (Continued)
Waterbodies Within Possible Blasting Areas**

Waterbody	Milepost	Type (1)	Crossing Width (feet)	State Water Quality Classification (2)	Fishery Type (3)	Special Fishery Regulations
			46	C		Trout, Largemouth Bass, Smallmouth Bass
Tributary of Delaware River	299.76		10	A	A(T)	Largemouth Bass, Smallmouth Bass
Shin Hollow Brook	341.60	P	<10	C	C(T)	Largemouth Bass, Smallmouth Bass
Tributary of Walkill River	348.24		<10	D	D	Largemouth Bass, Smallmouth Bass
Black Ash Creek	371.36	P	<10	C	C	Largemouth Bass, Smallmouth Bass
Tributary of Mahwah River	376.38	P	<10	B	B	Largemouth Bass, Smallmouth Bass
Hudson River	387.87		11,850	SB	SB	Largemouth Bass, Smallmouth Bass
Tributary of Hudson River	391.74		<10	SC - D	SC -D	Largemouth Bass, Smallmouth Bass
Croton River	395.37	P	65	D	D	Largemouth Bass, Smallmouth Bass
Tributary of Pocantico River	399.17	P	<10	D	D	Largemouth Bass, Smallmouth Bass

**Table DR-011 - Pipeline (Continued)
Waterbodies Within Possible Blasting Areas**

Waterbody	Milepost	Type (1)	Crossing Width (feet)	State Water Quality Classification (2)	Fishery Type (3)	Special Fishery Regulations
Tributary of Pocantico River			<10	D	D	Largemouth Bass, Smallmouth Bass
Bronx River	421.16	P	50	C	C	Largemouth Bass, Smallmouth Bass

Source: Resource Report 2 References, GAI 1997

(1) I = Intermittent , P = Perennial

(2) List of water quality abbreviations.

(3) List of special fishery designations.