



Paul R. LePage
GOVERNOR

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

David Bernhardt
COMMISSIONER

June 18, 2012
Subject: **Garland**
State WIN: 019334.00
Amendment No. 3

Dear Sir/Ms:

The following question has been received:

Question: Does the Department have any flow data for Allen Stream? This would be useful for bypass pumping operations.

Response: Yes, please see the attached sheet.

Consider this information prior to submitting your bid on June 20, 2012.

Sincerely,


George M. A. Macdougall P.E.
Contracts & Specifications Engineer



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Project Name: Garland
Stream Name: Allen Stream
Bridge Name: 0
Route No. Garland Road
Analysis by: AWMann

PIN: 19334
Town: Garland
Bridge No. 3987
USGS Quad:
Date: 12/1/2008

Month	Qmedian (ft ³ /s)
Jan	1.22
Feb	1.20
Mar	1.94
Apr	5.04
May	3.69
Jun	1.33
Jul	0.39
Aug	0.28
Sep	0.31
Oct	0.55
Nov	2.12
Dec	2.10
Qbf	9.2
ann avg	3.3
ann med	1.5
Q1.002	10.3
Q1.01	14.1
Q1.05	20.6

Ret Pd T (yr)	Peak Flow Estimate				QT (ft ³ /s)
	Lower	QT (m ³ /s)	Upper		
1.1		0.71			25.0
2	1.07	1.52	2.14		53.5
5	1.72	2.44	3.47		86.3
10	2.18	3.14	4.52		111.0
25	2.81	4.12	6.02		145.3
50	3.30	4.89	7.25		172.6
100	3.82	5.73	8.62		202.5
500	5.03	7.83	12.20		276.5