10/15/2019 DEP Weldon Update:

During the last month Weldon conducted, with NJDEP oversight, an extensive cleanup in the tributary that they discharged sediment to in February of 2019. The cleanup consisted of both manual and mechanical removal of sediment and utilized multiple vac trucks and a frac tank. The tributary cleanup is mostly complete and is expected to prevent the further migration of any significant quantities of quarry material from entering Lake Hopatcong. Weldon is required to regularly monitor the tributary and remove any residual sediment that accumulates in front of the hay bale/silt fence stations. The areas disturbed during the cleanup will be restored with a riparian seed mix and hay for stabilization.

Weldon has completed the NJDEP required monthly monitoring of their surface water discharge for August, 2019. The results are attached for your records and would comply with the effluent limits in the current NJDEP Mining and Quarrying Discharge to Surface Water Permit. The discharge terminated in September so there are no monitoring results for September.

NJDEP Fisheries Biologists conducted a fish survey of the affected cove of Lake Hopatcong on October 10, 2019. NJDEP will share the findings of this survey when a report has been generated. Lastly, NJDEP intends to meet with Weldon shortly to discuss their NJPDES Permit and related next steps.

ANALYTICAL RESULT SUMMARY TABLE

AUGUST 29, 2019 SURFACE WATER SAMPLING

Weldon Quarry
Lake Hopatcong, New Jersey

SAMPLE ID:	RWD1				TRIP BLANK			
LAB ID:	L1939441-01				L1939441-02			
COLLECTION DATE:	8/29/2019				8/27/2019			
SAMPLE MATRIX:	WATER				WATER			
UNITS	µg/L				µg/L			
VOLATILE ORGANICS BY GC/MS	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzene	ND		0.5	0.16	ND		0.5	0.16
Total VOCs	-	-	-	-	-	-	-	-
TOTAL METALS								
Chromium, Total	ND		1	0.178	-	-	-	-
Lead, Total	ND		1	0.343	-	-	-	-
GENERAL CHEMISTRY								
Solids, Total Dissolved	320,000		10,000	3,100	-	-	-	-
Solids, Total Suspended	ND		NA	NA	-	-	-	-
Phosphorus, Total	15		10	3	-	-	-	-
TPH	ND		4,000	1,240	-	-	-	-
Surfactants, MBAS	20	J	50	20	-	-	-	-

Instantaneous Readings	
Parameter	**RWD1**
Flow, Instantaneous	0.5 gal in 2.15 seconds ~ 8' wide 0.02 MGD or 20,000 GPD or 14 GPM
Dissolved Oxygen	3.87 mg/l
pH	8.43
Turbidity (Hach)	6.72 NTU
Temperature	21.21 C / 70.178 F