

**The Cornwall and Area Watershed Group
2020 Summer Crew Daily Work Schedule**

Meeting Place: Cornwall Water Tower/ Utility Garage
78 W B. Macphail Dr, Cornwall, PE COA 1H5
Time in/out: 8am-4pm
8 weeks July 6th-August 28th, 2020



Job Description

Duties

Excavating Groundwater Springs using shovel
Brush matting
Watering and planting trees
Clearing debris from river
Measuring bank and culvert width, channel depth, assessing fish passage
Carrying Gear, walking to remote locations with crew
Pruning alders on the bank
Raking Salmon Riffles

Crew Team Roles/Qualities

Karalee McAskill: Watershed Coordinator, Chainsaw Operator, Project Manager for Watershed Management and Headwater Mapping.

Responsible for completing the work plan, paycheques, mentoring, deliberating information, communication, chainsaw, transportation plan, accountable for data collections on all structures, field work, and projects.

Jamaal Scott/Thomas Bruce: Project Manager for Stream/Riparian Assessments and Stream Crossing Inventory Site Preparation, Planning, Assessment, Data Input

GPS and Camera Work

Responsible for bringing any field crew issues up with coordinator

Will choose 2 crew members per week to assist with Project

Hanna MacLean: Group Morale and Technical Support

Site Observations and Safety

Takes the Field Book and notes about potential projects, environmental impacts, and records of fish caught and released during our fish population assessments.

Also Accounting for crew safety and that we have a first aid kit with us at all times

Responsible for making sure brushmats are installed properly, and checking the brushmats and other structures we install for potential problems (safety, wash outs, dwindling supply of twine, etc).
Hanna is entering her 5th year of summer watershed management with us.

Nick Haveanga: Technical Support and Safety

Responsible for packing the gear bags in the morning, assessing for supplies and materials that need replacement, accounting for crew safety and that we have a first aid kit with us at all times.

Responsible for making sure we do not leave any equipment behind in the field, spotting equipment in the field before we leave the site for the day.

Caleb Acorn: Physical Support and Safety

Responsible for communicating safety issues to the crew.

Responsible for watering the trees and shrubs; Coordinates new staff to water trees for 30 minutes, at the beginning of the work day.

Responsible for keeping new staff on task, and finishing the work prescribed.

New Staff: Please use this work experience as your learning opportunity. You will be responsible for proper installment of brushmats, and the proper planting and care of trees/shurbs. Daily duties include the packing and disassembly of gear bags at the beginning and end of day, cleaning any gear, watering the trees, looking out for the safety of yourself and others around you. Maintain excellent communication, and prepare yourselves daily for the weather, and your physiological needs.

Evan Trainor

Jack Nordquist

Ashlyn Carpenter

Keegan Bernard

Sean Pellisier-Lush

**Please write down your Questions, and bring them in.

Workplan

***** For our surveyors/monitors, please use some of your worktime/make up time to input the data you are collecting! Please, It's very important to get it into the database sooner than later.**

Week 1- July 6-10

-Stream Crossing Inventory/Riparian and River Surveys on Watt's Creek, completion of pool riffle surveys,
(Jamaal, Hannah, Nick)

-Howard's Creek rehabilitation with new staff (Thomas, Caleb, and new staff group)

Week 2- July 13th-17th

- Replacement and reparation of the rock wings and digger log below Milton Bridge (Karalee, Evan, Sean, Thomas and Caleb)
- Stream Crossing Inventory/Riparian and River Surveys on Milton Brook and Howard’s Creek (Thomas, Ashlyn, Jack)
- Completion of Headwater Surveys (Thomas, Ashlyn, Jack)
- Flipping rock, and digging rock up in the large riffle below the forks on North River (Karalee, Evan, Sean, Caleb)
- Brushmatting Watt’s Creek (Jamaal, Nick, Hannah)
- Fridays: Water quality data collection in waters near following bridges (Ferry Rd, Cornwall Community Gardens, Kellow Drive, Milton Bridge) (Jamaal, Nick, Hannah)
(Paycheques delivered)

Week 3- July 20th-24th

Brushmatting Watt’s Creek

- Upstream from Faithwork’s to Adler Swale (Jamaal, Nick, Hannah)
- Downstream from Coleville Rd to beaver dam (Thomas, Ashlyn, Jack)
- Downstream from loyalist road to forks, replenishing existing brush mats, without chainsaw (Caleb, Evan, Sean)
- contacting and visiting landowners to get permissions for Sediment trap, rock weirs, rock deflectors, etc. Get temp logger data from North River and install 2 new temp loggers on Cole’s Brook and Milton Brook (Karalee)
- Fridays: Water quality data collection in waters near following bridges: Ferry Rd, Cornwall Community Gardens, Kellow Drive, Milton Bridge. (Thomas, Ashlyn, Jack)

Week 4 – July 27th-31st

-Complete Brushmatting on Watt’s Creek

Clearing and Brushmatting in Milton Brook

- Downstream from Confed Trail to North River (Jamaal, Thomas, Nick, Hannah, Ashlyn, Jack)
- Upstream from Route 2 to Crabbe Rd (Jamaal, Nick, Hannah)
- Upstream from Crabbe Rd to Rustico Rd (Thomas, Ashlyn, Jack)
- Brushmatting, flipping rock, and digging rock up in the large riffle below the forks on North River (Karalee, Evan, Sean, Caleb)
- Fridays: Water quality data collection in waters near following bridges (Ferry Rd, Cornwall Community Gardens, Kellow Drive, Milton Bridge) (Jamaal, Nick, Hannah)
(Paycheques Delivered)

Week 5- August 3rd-7th

Complete clearing and brushmatting in Milton Brook (same as last week)

- Brushmatting upstream of the forks on North River (Karalee, Evan, Sean, Keegan, Caleb)
- Fridays: Water quality data collection in waters near following bridges: Ferry Rd, Cornwall Community Gardens, Kellow Drive, Milton Bridge. (Thomas, Ashlyn, Jack)

** Submit mileage for month of July for reimbursement

***Evan and Jack’s contract ends, make up days to complete, welcome to continue volunteer under the community service bursary program (150hrs=\$750 towards 1st year college/university tuition)

Week 6- August 10th- 14th

Brushmatting North River

- Downstream from Route 2 to wreckage (Jamaal, Hannah, Nick)
- Upstream from confed trail to wreckage (Thomas, Ashlyn, Caleb)
- Assist other field crews with brushmatting

(Paycheques Delivered)

Week 7- August 17th- 21st

-5 meter Patch cuts along lower North River above Milton Bridge (Thomas, Jamaal, Nick, Hannah, Ashlyn) must be 25 meters apart, on either side of bank in alder swale. Prune a trail along both sides of the bank as you go.

-Tree planting in the patch cuts (Caleb, Sean, Keegan, volunteers)

- Raking Salmon Riffles in Watt's Creek, Cole's Brook, and North River

**** Nick, Hannah, Ashlyn contract ends, welcome to return to make up time, or volunteer

Week 8- August 24th- 28th

Raking Salmon Riffles

-Watt's Creek & Cole's Brook (Jamaal, Caleb)

-North River (Thomas, Sean, Keegan)

-Volunteers welcome!

Week 9- August 31st- September 4th

Make up Week for those of you who owe time in lieu of time you've taken off.

Your vacation pay is included in your paycheques.

-Raking, organizing data, data input, etc.

(Paycheques Due)