June 12   **Meet at ACD**

Orientation - Introductions, Program Overview, Housekeeping, log and note books.

Intern Presentations

Intro to GPS, EWM, Hydrolab, E.coli, Maury Creek Watershed Plan, Clam River Plume,
Macroinvertebrates, GIS

Homework - Other Invasives & Watershed Terms

Conclude ACD

June 19   **Meet at Alden Harbor**

AM   EWM Inspection - Alden Harbor, Butch's, Osyer to KC's for embayment check

Lunch   Brown Bag at KC's; Discuss AM findings/Homework Presentations

Move to SVA-BC

PM   Inventory Maury Creek from Lake Bellaire to Pond. To include:

GPS, Photos, Notes - Maury Creek, Road/Stream Crossings and Culverts, High Erosion
Sites, Other.

Wrap-Up/***Homework: Definitions - Hydrolab parameters***

Conclude SVA-BC

June 26   **Meet at SVA-BC**

AM   Homework Assignment Presentations

Inventory Maury Creek From Pond to Golf Course. To include:

GPS, Photos, Notes, Culverts, Pipes, RipRap, Check Dams, High Erosion Sites, Other.

Lunch   Brown Bag at SVA-BC; Discuss AM findings and draft report on EWM.

PM   Macroinvertebrate Sampling - Maury Creek

Bug Picking at ACD

Homework Presentations

Introduction to the Hydrolab

Wrap-Up/***Homework - Clam River Plume***

Conclude ACD

July 3   **Happy 4th!**

Homework - Create Draft Hydrolab Manual Outline

July 10   **Meet at Butch's**

AM   Presentation of Homework Assignments

Use Hydrolab to test temperature, pH, conductivity and dissolved oxygen for:

Torch Lake/Clam River point, Clam Lake point(s), Mouth of Grass River, Mouth of Finch
Creek, Mouth of Cold Creek, Mouth of Shanty Creek, Outlet of Lake Bellaire

Lunch   Brown Bag at SVA-BC; Discuss AM findings & Homework Presentations

PM	Use Hydrolab to test temperature, pH, conductivity and dissolved oxygen: Test Total Suspended Solids (TSS), total phosphorous (TP), soluble reactive phosphorous (PO4-) total nitrogen (TN), nitrate-nitrogen (NO3-), and chloride for: Mouth of Maury Creek, Below Pond, Above Pond, Immediately off Golf Course Prepare Hydrolab for storage Wrap-Up /***Homework - Stream Parameters*** **Conclude SVA-BC**
July 12	Water Awareness Day - 1:00 to 5:00 PM Alden Depot
July 17	**Meet SVA-BC**
AM	Present Homework, Set Tutorial Outline Maury Creek - West Core Samples - mouth of Maury Creek in Lake Bellaire & other sites, as determined Evaluate culverts/crossings Flow meter/measuring stream discharge Evaluate/measure erosion sites Evaluate Runs, Riffles and Pools/Evaluate Substrate Compositions Document other areas of concern or interest
Lunch	Brown Bag at Pond - Discuss AM findings
PM	Maury Creek - East Inspect pond and sediments Core Samples, as determined Evaluate culverts, pipes, check dams, overflows as determined Evaluate/measure erosion sites Evaluate Runs, Riffles and Pools/Evaluate Substrate Compositions Document other areas of concern or interest Wrap-Up/***Homework - Hydrolab Outline - Section Assignments*** **Conclude SVA-BC**
July 24	**Meet ACD**
AM	Homework Presentations Fish Shocking
Lunch	Brown Bag at Tyler Road Fish Hatchery -Tour and Discuss AM findings
PM	Re-inspect tributary to Finch Creek - Collect GPS, evaluate culverts, photos, notes **Move to ACD** Draft Report of Tributary Findings *Wrap-Up/**Homework - E.coli*** **Conclude ACD**

July 31   **Meet Eastport Boat Launch**

AM   E.coli Water and Sand Sampling

                 List Sites

Lunch   Dockside - Discuss AM findings/Homework Presentations

PM   **Move to AC Building**

                 Field Trip to GIS Department

                 Move to ACD

                 Plan Fair Display

                 Wrap-Up/***Homework - Booth Specialty Assignments***

                 Conclude at ACD

Aug 7   **Meet at Fairgrounds**

                 Antrim County Fair

Lunch   Brown Bag (lunch is available for purchase at the fair if you choose)

                 Aerial Inspection of Watershed

                 Homework - Additional Booth Sign-up, August 8 or 9: minimum 2 hour shift

                 Conclude at Fairgrounds

Aug 14   **Meet at ACD**

AM   Assemble draft Hydrolab Manual

Lunch   Brown Bag

PM   Assemble draft Maury Creek Documents

                 Wrap-Up/***Self Assigning Homework***

                 Conclude at ACD

Aug 21   **Meet at ACD**

AM   Final Draft Reports, Manual and Create PPT Presentation for TLA and School Boards.

Lunch   ***Potluck***

PM   Mock Presentation of Final PPT

                 Finalize PPT

                 Wrap-Up/***Self Assigning Homework***

                 Conclude at ACD