9/14/2021

Mc Shane Jack

LYIT

Experiment Portfolio – Craignahorna 3

RIVERS Project

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# Procedure

* Identify rivers and streams for testing.
* Create test waste objects.
  + Plastic Clear Bottle
  + Plastic Labelled Bottle
  + Clear Plastic Bag
  + Coloured Plastic Bag
  + Tin Can
* When on location, document test information.
* Mark camera area for testing.
* Start camera recording, taking a snapshot of each piece of waste.
* Release waste and collect once it has passed.
* Repeat three times at each location
* Estimated Times\*
  + 10.00 am
  + 3.00 pm
  + 7.30 pm

# Experiment Apparatus (Insert Pictures When Carried out)





# Time 1 – 11.00am

## Experiment 1

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 3725 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 66% |
| Time of Day | Morning |
| Wind Speed | 6 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 110 Degrees E |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 12 Degrees |

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4092 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 66% |
| Time of Day | Morning |
| Wind Speed | 6 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 110 Degrees E |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 12 Degrees |

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4401 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 66% |
| Time of Day | Morning |
| Wind Speed | 6 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 110 Degrees E |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 12 Degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4536 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 65% |
| Time of Day | Morning |
| Wind Speed | 8 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 120 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 12 Degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4558 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 65% |
| Time of Day | Morning |
| Wind Speed | 8 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 128 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 12 Degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4444 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 63% |
| Time of Day | Morning |
| Wind Speed | 8 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 131 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 13 Degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4528 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 61% |
| Time of Day | Morning |
| Wind Speed | 10 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 132 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 13 Degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4615 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 61% |
| Time of Day | Morning |
| Wind Speed | 10 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 140 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 13 Degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4678 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 61% |
| Time of Day | Morning |
| Wind Speed | 10 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 145 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 13 Degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4591 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 61% |
| Time of Day | Morning |
| Wind Speed | 10 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 146 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 13 Degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4611 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 60% |
| Time of Day | Morning |
| Wind Speed | 10 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 146 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 13 Degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Bright, FC = 4665 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 60% |
| Time of Day | Morning |
| Wind Speed | 10 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 153 Degrees SE |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 13 Degrees |

# Time 2 – 4.30 pm

## Experiment 2 000000000000

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 2215 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1965 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1957 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1875 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1763 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1677 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1580 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1563 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1549 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1524 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1473 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Overcast |
| Light Conditions | Bright, FC = 1469 |
| Date | 27/03/2022 |
| Vegetation | Stoney, Mossy |
| Season | Spring |
| Humidity | 59% |
| Time of Day | Midday |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1 Knot, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No Sun |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 15 Degrees |

# Time 3 – 9.30pm

## Experiment 3

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 34.9 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.50pm |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1knt, 1 foot deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 17 degrees |

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 33.5 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.52pm |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1knt, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 31 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.52pm |
| Wind Speed | 13km/h |
| Water Speed and Depth | 1 knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Overcast, cloudy |
| Light Conditions | Dull, FC = 28.1 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.54 pm |
| Wind Speed | 8 km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 27.6 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.55pm |
| Wind Speed | 13km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Coloured Bottle

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 26.2 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.56 pm |
| Wind Speed | 13km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC= 23.4 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.58pm |
| Wind Speed | 13km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 22.7 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 9.59 pm |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Clear Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 22.1 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 10.00pm |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1knt, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 1 |

|  |  |
| --- | --- |
| **Test Number** | **1** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 19.6 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 10.01 pm |
| Wind Speed | 13km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 2 |

|  |  |
| --- | --- |
| **Test Number** | **2** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 18.2 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 10.02pm |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |

### Plastic Coloured Bag

|  |  |
| --- | --- |
| Name: | Jack McShane |
| Project: | RIVERS: Real-Time Identification of Various Environmental Pollutants in Rivers |
| Test Number: | 3 |

|  |  |
| --- | --- |
| **Test Number** | **3** |
| Weather Conditions | Clear Blue Sky |
| Light Conditions | Dull, FC = 16.9 |
| Date | 14/09/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 77% |
| Time of Day | 10.05pm |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | 315 degrees nw |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 17 degrees |