6/29/2021

Mc Shane Jack

LYIT

Experiment Portfolio – Craignahorna 1

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 | Overcast, Drippy, Cloudy, 10% precipitation |
| Light Conditions | Bright, FC = 2001.2 |
| Date | 30/06/2021 |
| Vegetation | Stoney, Mossy |
| Season | Summer |
| Humidity | 86% |
| Time of Day | Noon |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1.5 Knot, 1.5 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | Sun not in Sight |
| 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 | Overcast, Drippy, Cloudy |
| Light Conditions | Bright, FC = 2370 |
| Date | 30/06/2021 |
| Vegetation | Stoney, Mossy |
| Season | Summer |
| Humidity | 86% |
| Time of Day | Noon |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1.5 Knot, 1.5 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | Sun not in Sight |
| 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 | Overcast, Drippy, Cloudy |
| Light Conditions | Bright, FC = 2390.2 |
| Date | 30/06/2021 |
| Vegetation | Stoney, Mossy |
| Season | Summer |
| Humidity | 86% |
| Time of Day | Noon |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1.5 Knot, 1.5 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | Sun not in Sight |
| 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 | Overcast, cloudy |
| Light Conditions | Bright, FC = 2449.5 |
| Date | 30/06/2021 |
| Vegetation | Stoney, mossy |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 11.40 am |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1.5ft 1 knot |
| 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 | 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 | Overcast, cloudy |
| Light Conditions | Bright, FC = 2480 |
| Date | 30/06/2021 |
| Vegetation | Stoney, mossy |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 11.45 am |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1.5ft 1 knot |
| Waste Type | Rubbish |
| River Location and Name | Bog Stream |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No sun |
| Capture Mode | DSLR |
| Duration | 1 hour |
| 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 | Overcast, cloudy |
| Light Conditions | Bright, FC = 2510.3 |
| Date | 30/06/2021 |
| Vegetation | Stoney, mossy |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 11.50 am |
| Wind Speed | 13 km/h |
| Water Speed and Depth | 1.5ft 1 knot |
| Waste Type | Rubbish |
| River Location and Name | Bog Stream |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | No sun |
| Capture Mode | DSLR |
| Duration | 1 hour |
| River/Stream Width | 2 metres |
| Temperature | 12 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, cloudy |
| Light Conditions | Bright, FC = 3240 |
| Date | 30/06/2021 |
| Vegetation | Mossy/stoney |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 12.09pm |
| Wind Speed | 11 kmh |
| Water Speed and Depth | 2 knots/1.5 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 12 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, cloudy |
| Light Conditions | Bright, FC = 3260 |
| Date | 30/06/2021 |
| Vegetation | Mossy/stoney |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 12.12 pm |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 2 knots/1.5 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 12 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, cloudy |
| Light Conditions | Bright, FC = 3304 |
| Date | 30/06/2021 |
| Vegetation | Mossy/stoney |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 12.14 pm |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 2 knots/1.5 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 12 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, cloudy |
| Light Conditions | Bright, FC = 3270 |
| Date | 30/06/2021 |
| Vegetation | Mossy, stoney |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 12.15pm |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1.5 knt, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR, 30 degrees |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 12 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, cloudy |
| Light Conditions | Bright, FC = 3300 |
| Date | 30/06/2021 |
| Vegetation | Mossy, stoney |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 12.16pm |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1.5 knt, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR, 30 degrees |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 12 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, cloudy |
| Light Conditions | Bright, FC = 3350 |
| Date | 30/06/2021 |
| Vegetation | Mossy, stoney |
| Season | Summer |
| Humidity | 84% |
| Time of Day | 12.18pm |
| Wind Speed | 11 km/h |
| Water Speed and Depth | 1.5 knt, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR, 30 degrees |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 12 degrees |

# Time 2 – 4.30 pm

## Experiment 2

### 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, Cloudy |
| Light Conditions | Bright, FC = 3052 |
| Date | 30/06/2021 |
| Vegetation | Stoney, mossy |
| Season | Summer |
| Humidity | 83% |
| Time of Day | 4.37pm |
| Wind Speed | 16 km/h |
| Water Speed and Depth | 1.5 knots, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 13 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, cloudy |
| Light Conditions | Bright, FC = 3227.9 |
| Date | 30/06/2021 |
| Vegetation | Stoney, mossy |
| Season | Summer |
| Humidity | 83% |
| Time of Day | 4.50pm |
| Wind Speed | 16km/h |
| Water Speed and Depth | 1.5 knts, 1 ft deep |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 13 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, Cloudy |
| Light Conditions | Bright, FC = 2742.3 |
| Date | 30/06/2021 |
| Vegetation | Stoney and Mossy |
| Season | Summer |
| Humidity | 83% |
| Time of Day | 4.55pm |
| Wind Speed | 16 km/h |
| Water Speed and Depth | 1ft, 1.5 knots |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR/ 30 degree tilt |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 13 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 | Bright, FC = 2781.8 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 83% |
| Time of Day | 5.00pm |
| Wind Speed | 16 km/h |
| Water Speed and Depth | 1.5 knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 13 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, Cloudy |
| Light Conditions | Bright FC = 3110.3 |
| Date | 30/06/2021 |
| Vegetation | Stoney and Mossy |
| Season | Summer |
| Humidity | 83% |
| Time of Day | 5.05pm |
| Wind Speed | 16km/h |
| Water Speed and Depth | 1.5knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 13 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, cloudy |
| Light Conditions | Bright, FC = 2907 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 82% |
| Time of Day | 5.10pm |
| Wind Speed | 16km/h |
| Water Speed and Depth | 1.5 knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| 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 | Overcast, cloudy |
| Light Conditions | Bright, FC = 3070.3 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 82% |
| Time of Day | 5.15pm |
| Wind Speed | 16 km/h |
| Water Speed and Depth | 1.5knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR/ 30 degree tilt |
| 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 | Overcast, Cloudy |
| Light Conditions | Bright, FC = 2736 |
| Date | 30/06/2021 |
| Vegetation | Stoney and Mossy |
| Season | Summer |
| Humidity | 81% |
| Time of Day | 5.20pm |
| Wind Speed | 16 km/h |
| Water Speed and Depth | 1.5knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| 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 | Overcast, cloudy |
| Light Conditions | Bright, FC = 3470 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 81% |
| Time of Day | 5.25pm |
| Wind Speed | 16 km/h |
| Water Speed and Depth | 1.5 knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| 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 | Overcast, cloudy |
| Light Conditions | Bright, FC = 3400 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 81% |
| Time of Day | 5.30pm |
| Wind Speed | 16km/h |
| Water Speed and Depth | 1.5knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| 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 | Overcast, cloudy |
| Light Conditions | Bright, FC = 3470 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 81% |
| Time of Day | 5.35pm |
| Wind Speed | 16 km/h |
| Water Speed and Depth | 1.5knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| 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 | Overcast, Cloudy |
| Light Conditions | Bright, FC/Fc = 2820 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 81% |
| Time of Day | 5.40pm |
| Wind Speed | 16km/h |
| Water Speed and Depth | 1.5 knts, 1 ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 13 degrees |

# Time 3 – 9.00pm

## 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 | Overcast, Cloudy |
| Light Conditions | Dull, FC = 145.4 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 87% |
| Time of Day | 9.25pm |
| Wind Speed | 8 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 | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 Metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC =135.5 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 87% |
| Time of Day | 9.30pm |
| Wind Speed | 8 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 | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, Cloudy |
| Light Conditions | Dull, FC = 121.2 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 87% |
| Time of Day | 9.35pm |
| Wind Speed | 8km/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 | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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 = 116.1 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 87% |
| Time of Day | 9.37pm |
| 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 | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 99.8 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 87% |
| Time of Day | 9.40pm |
| Wind Speed | 8km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 95.8 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 87% |
| Time of Day | 9.45pm |
| Wind Speed | 8km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 91 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 88% |
| Time of Day | 9.43pm |
| Wind Speed | 6km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 79.7 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 88% |
| Time of Day | 9.46pm |
| Wind Speed | 6 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 | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 78.4 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 88% |
| Time of Day | 9.50pm |
| Wind Speed | 6 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 | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 74.8 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 88% |
| Time of Day | 9.55pm |
| Wind Speed | 6km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 69.5 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 88% |
| Time of Day | 10.00pm |
| Wind Speed | 6km/h |
| Water Speed and Depth | 1knt, 1ft |
| Waste Type | Rubbish |
| River Location and Name | Craignahorna |
| Water Clarity | Clear |
| Tidal | Bog Stream |
| Angle of Sun | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 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, cloudy |
| Light Conditions | Dull, FC = 67.5 |
| Date | 30/06/2021 |
| Vegetation | Stoney and mossy |
| Season | Summer |
| Humidity | 89% |
| Time of Day | 10.05pm |
| Wind Speed | 6 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 | None |
| Capture Mode | DSLR |
| Duration | 1 hr |
| River/Stream Width | 2 metres |
| Temperature | 11 degrees |