

Maintenance Works Schedule for Small Streams, Drainage Channels and River Flood Fairways

1 January 2025 – 31 December 2025

| Job File Reference | Name of District | Works Description | Timing |
|---------------------------|-------------------------------|------------------------------------|---------------|
| qA 1749 | Arthurton Drain | Sediment Removal and Spraying | Mar 2025 |
| qA 1562 | Bayswater Drain | Sediment Removal and Spraying | Mar 2025 |
| qA 1749 | Black Creek | Sediment Removal and Spraying | - |
| qA 1570 | Blees Creek | Sediment Removal and Spraying | Mar 2025 |
| qA 1749 | Bolgers Drain | Sediment Removal | - |
| qA 1765 | Boundary Creek | Willow Control | - |
| qA 1749 | Carnies Outfall | Sediment Removal | - |
| qA 1562 | Castledowns Drains | Sediment Removal | Dec 2025 |
| qA 1570 | Centre Bush Creek | Sediment Removal | Mar 2025 |
| qA 1749 | Charlton Drain | Sediment Removal and Spraying | Mar 2025 |
| qA 1686 | Clifton Drain | Sediment Removal and Spraying | - |
| qA 1749 | Cronins Creek | Sediment Removal and Spraying | Mar 2025 |
| qA 1570 | Dipton Channel | Erosion Repair and Willow Control | Mar 2025 |
| qA 1688 | Duck Creek South | Sediment Removal | Jul 2025 |
| qA 1688 | Duck Creek North | Sediment Removal | - |
| qA 1765 | Fenham Stream | Willow Control | Feb 2025 |
| qA 1570 | Gaines Cull Creek | Sediment Removal and Spraying | Mar 2025 |
| qA 1749 | Gorge Creek | Sediment Removal (18 mth clean) | Jan 2025 |
| qA 1570 | Howell Rd Drain | Sediment Removal | Oct 2025 |
| qA 1765 | Lilburn Stream | Willow & Erosion Control | Feb 2025 |
| qA 1570 | Lochiel Channel | Sediment Removal and Spraying | Mar 2025 |
| qA 1749 | Longridge Stream | Sediment Removal & erosion control | - |
| qA 1749 | Mataura Is Drain | Sediment Removal | - |
| qA 1749 | Menzies Ferry Drain | Sediment Removal and Spraying | Apr 2025 |
| qA 1562 | McKay Creek | Sediment Removal and Spraying | Mar 2025 |
| qA 1584 | Middle Creek | Sediment Removal and Spraying | Dec 2025 |
| qA 1570 | Murray Creek | Sediment Removal and Spraying | Dec 2025 |
| qA 1584 | Old Otahuti Stream | Sediment Removal | - |
| qA 1562 | Opahaka Stream | Sediment Removal and Spraying | Oct 2025 |
| qA 1570 | Oporo Flats Drain | Sediment Removal and Spraying | - |
| qA 1765 | Orauea River | Erosion Repair and Willow Control | Jan 2025 |
| qA1570 | Orion Rd Drains | Sediment Removal & Spraying | - |
| qA 1749 | Ota Creek | Sediment Removal & Spraying | Apr 2025 |
| qA 1570 | Otakau Stream | Sediment Removal | Jul 2025 |
| qA 1584 | Otaitai Bush Drains | Sediment Removal and Spraying | Apr 2025 |
| qA 1687 | Otatara Drain Lake Hawkins | Sediment Removal and Spraying | Jan 2025 |
| qA 1567 | Otepuni Stream | Sediment Removal | Apr 2025 |
| qA 1749 | Oteramika Stream | Sediment Removal and Spraying | Jan 2025 |

| Job File Reference | Name of District | Works Description | Timing |
|--------------------|--------------------------|--------------------------------------------------------------------|----------|
| qA 1562 | Otautau River Board Area | Sediment Removal and Spraying Erosion Repair and Willow Control | - |
| qA 1749 | Parawa Creek | Sediment Removal Spraying | Apr 2025 |
| qA 1749 | Pukerau Drains | Sediment Removal | - |
| qA 1749 | Pukerau Stream | Erosion Control | - |
| qA 1749 | Pyramid Drain | Sediment Removal and Spraying | Apr 2025 |
| qA 1749 | Quoich Creek | Sediment Removal | - |
| qA 1749 | Rippon Drain | Sediment Removal and Spraying | Mar 2025 |
| qA 1570 | Roeburn Stream | Sediment Removal | Dec 2025 |
| qA 1765 | Sharpridge Stream | Erosion Repair | - |
| qA 1749 | Sheepwash Creek | Sediment Removal | - |
| qA 1570 | Swales Creek | Sediment Removal | - |
| qA 1570 | Swaneys Creek | Sediment Removal and Spraying | - |
| qA 1570 | Stag Stream Cut Off | Sediment Removal and Spraying | Dec 2025 |
| qA 1584 | Taunamau Stream | Sediment Removal and Spraying | Feb 2025 |
| qA 1562 | Thornbury Trib | Sediment Removal and Spraying | Mar 2025 |
| qA 1749 | Titiroa Drains | Sediment Removal and Spraying | Apr 2025 |
| qA 1570 | Tomoporakau | Sediment Removal and Spraying | Feb 2025 |
| qA 1749 | Titiwi Drains | Sediment Removal and Spraying | - |
| qA 1570 | Waikiwi Stream Upper | Sediment Removal and Spraying | Mar 2025 |
| qA 1570 | Waikiwi Stream Lower | Sediment Removal | - |
| qA 1570 | Waianawa Stream | Sediment Removal and Spraying | Mar 2025 |
| qA 1569 | Waihopai (Lower) | Sediment Removal & Willow Control | Nov 2025 |
| qA 1569 | Waihopai (Upper) | Sediment Removal | Nov 2025 |
| qA 1749 | Waikaka Tribs | Sediment Removal and Spraying | Jul 2025 |
| qA 1689 | Waikawa Stream | Sediment Removal and Erosion Control | Dec 2025 |
| qA 7235 | Waituna Stream & Tribs | Sediment Removal, Erosion control & spraying | - |
| qA 1584 | Waimatuku Stream & Tribs | Sediment Removal, Erosion control & spraying | Jan 2025 |
| qA 1749 | Waimea Stream Upper | Sediment Removal and Erosion Control | - |
| qA 1749 | Waimea Stream Lower | Sediment Removal and Erosion Control | - |
| qA 1749 | Waimumu Stream | Erosion Control | Dec 2025 |
| qA 1749 | Waimumu Stream (old) | Sediment Removal and Spraying | Apr 2025 |
| qA 1570 | Wallacetown Drain | Sediment Removal | - |
| qA 1765 | Wairaki Stream | Erosion Control | Aug 2025 |
| qA 1570 | West Plains Rd Drain | Sediment Removal | Feb 2025 |
| qA 1570 | Winton Channel East | Sediment Removal and Spraying | Mar 2025 |
| qA 1570 | Winton Channel West | Sediment Removal and Spraying | Mar 2025 |
| qA 1570 | Winton Channel | Sediment Removal, Willow and Erosion Control | Apr 2025 |
| | | | |

Note: Blank timing spaces means no work is scheduled in this time period.

Invercargill City Drainage

| Job File Reference | Name of District | Works Description | Timing |
|--------------------|------------------|-------------------------------|--------|
| qA 1566 | Kingswell Creek | Sediment Removal and Spraying | - |
| qA 1567 | Otepunui Creek | Sediment Removal and Spraying | - |
| qA 1569 | Waihopai Stream | Sediment Removal and Spraying | - |

Makarewa Tributary Drains

| Job File Reference | Name of District | Works Description | Timing |
|--------------------|----------------------------|-------------------------------|----------|
| qA 1568 | Bews Trib | Sediment Removal and Spraying | - |
| qA 1568 | Buchanans Outfall | Sediment Removal and Spraying | - |
| qA 1568 | Carsons Creek | Sediment Removal and Spraying | - |
| qA 1568 | Counsell Rd Drains 1,2,3,4 | Sediment Removal and Spraying | - |
| qA 1568 | Dalzells Trib | Sediment Removal and Spraying | - |
| qA 1568 | Gold Creek & Trib | Sediment Removal and Spraying | - |
| qA 1568 | Grovebank Outfall | Sediment Removal and Spraying | - |
| qA 1568 | Hedgehope Flats Drain | Sediment Removal and Spraying | - |
| qA 1568 | Horman Rd Drain | Sediment Removal and Spraying | - |
| qA 1568 | Horton Evans Trib | Sediment Removal and Spraying | - |
| qA 1568 | Kerrs Outfall | Sediment Removal and Spraying | - |
| qA 1568 | Pebbly Hills Outfall | Sediment Removal and Spraying | Mar 2025 |
| qA 1568 | McPhersons Outfall | Sediment Removal and Spraying | - |
| qA 1568 | Settlers Creek | Sediment Removal and Spraying | - |
| qA 1568 | Sharks Tooth Creek | Sediment Removal and Spraying | - |
| qA 1568 | Slee Hanning Outfall | Sediment Removal and Spraying | - |
| qA 1568 | Swaneys Trib | Sediment Removal and Spraying | - |
| qA 1568 | Tussock Creek | Sediment Removal and Spraying | - |
| qA 1568 | Watts Outfall | Sediment Removal and Spraying | Feb 2025 |

Explanation of Drainage Maintenance Work

The Drainage Works Programme that is in place today is a result of historic information and consultation with river/drainage liaison committees, ratepayers, interest groups, SoE groups and other affected parties.

To determine if a drainage scheme requires drainage, maintenance works inspections are carried out by Environment Southland Catchment Operations Division staff four weeks in advance of the programmed drainage works.

These inspections also determine the type of works required to maintain suitable drainage outfall.

Bed Excavation is removal of accumulated weed and silt to reinstate drainage outfall. Bed spraying is eradication of weed growth to reinstate drainage outfall.

Willow control is eradication and control of willow (majority crack willow) to stop infestation of waterways and flood ways.

Erosion control is repairing stream/river bank edge using willow species, rock armouring, concrete rip-rap and sediment manipulation. Sediment manipulation means removing accumulated sediment from the inside of the bend to relieve pressure on the outside of the bend where erosion is occurring. Excavated material will be placed on the eroding side in first instance or out behind machine if this is not possible or beneficial to the works in question.

Consultation – Note 1

The above “*description of works*” and “*timing schedules*” are based on requirements established in consultation with rating district landowner/ratepayers, interested organisations and historic information. However, it may be necessary from time to time to alter the type of work or the timing of individual schedules programmes to meet changed circumstances.

In the event of a requirement to initiate a change greater than three weeks either side of that listed in the “Works Schedule”, Council staff will advise the following organisations in writing, three weeks prior to the commencement of any changed activity:

- Department of Conservation
- Fish and Game New Zealand, Southland Region
- Iwi
- South Island Eel Industry Association
- Southland Recreational Whitebaiters Association
- Public Health South

Te Anau Basin – Drainage District

The following inventory of drainage rating districts are situated within the Te Anau basin and are all maintained on an irregular “*as required*” basis involving a mixture of *excavation and aquatic weed spraying*.

Consultation – Note 2

In order that Council’s consultation requirements are met, Council staff will provide the following organisations with details of work proposals in writing, three weeks prior to the commencement of any activity on any of the listed rating districts within the Te Anau Basin.

- Department of Conservation
- Fish and Game New Zealand, Southland Region
- Public Health South

- Iwi
- Southland Island Eel Industry Association

Te Anau Rating District Drains

These drains are now part of the wider Te Anau Rating District and receive work on an as required basis.

Old E L R Drains

| Job File Reference | Name of Channel | Length (metres) |
|--------------------|------------------------|-----------------|
| qA 1577 | Ellis Creek | 5,847 |
| qA 1577 | Lagoon Creek | 12,198 |
| qA 1577 | Reids Dale | 6,166 |
| qA 1577 | Upper Lagoon Creek | 2,780 |
| qA 1577 | Wilderness Swamp Drain | 1,938 |

Old Mount York Rating District

| Job File Reference | Name of Channel | Length (metres) |
|--------------------|--------------------------------|-----------------|
| qA 1577 | Stevens Tributary | 3,695 |
| qA 1577 | Desolation Swamp | 2,806 |
| qA 1577 | Desolation Creek | 3,013 |
| qA 1577 | McLeods Stream and Tributaries | 7,922 |
| qA 1577 | Riverslea Drain No 1 | 7,223 |
| qA 1577 | Riverslea Drain No 2 | 2,437 |
| qA 1577 | Staple Drain | 6,634 |
| qA 1577 | Home Creek | 11,487 |
| qA 1577 | Waiau No 1 | 6,520 |
| qA 1577 | Waiau No 2 | 5,662 |
| qA 1577 | Waiau No 3 | 6,573 |
| qA 1577 | Duncraigen No 1 | 2,895 |

Old Whitestone Rating District

| Job File Reference | Name of Channel | Length (metres) |
|--------------------|---------------------------|-----------------|
| qA 1577 | Boundary Block Drains | 7,277 |
| qA 1577 | Fred Burn | 10,970 |
| qA 1577 | Dodds – Woods Tributary | 2,360 |
| qA 1577 | Flaxy Creek | 9,889 |
| qA 1577 | Dale Block Drains | 3,687 |
| qA 1577 | Long Valley Drains | 9,889 |
| qA 1577 | Kakapo Block Drains | 2,964 |
| qA 1577 | Margin Tributary | 1,808 |
| qA 1577 | Mount York Drains 1 and 2 | 3,040 |
| qA 1577 | Homestead Drains | 3,465 |

Old Upukerora Rating District

| Job File Reference | Name of Channel | Length (metres) |
|--------------------|---------------------|-----------------|
| qA 1577 | Tributary "B" | 2,620 |
| qA 1577 | Coal Pit Flat Drain | 1,034 |
| qA 1577 | Melland Tributary | 3,967 |
| qA 1577 | Snowdon Drain | 3,580 |

River Fairway Spraying Programme

Ground-based spraying may occur intermittently on the flood fairways of the following rivers from the dates listed:

| Job File Reference | Name of Channel | Timing |
|--------------------|-------------------------------|-----------------------|
| qA 1762 | Waiau River and Tributaries | July 2024 to Dec 2025 |
| qA 1741 | Oreti River and Tributaries | Sep 2024 to Dec 2025 |
| qA 1649 | Mataura River and Tributaries | Sep 2024 to Dec 2025 |
| qA 1579 | Aparima River and Tributaries | Oct 2024 to Dec 2025 |
| qA 1759 | Mararoa River | Oct 2024 to Dec 2025 |
| qA 1759 | Whitestone River | Oct 2024 to Dec 2025 |
| qA 1759 | Upukerora River | Oct 2024 to Dec 2025 |
| qA 1693 | Makarewa River | Oct 2024 to Dec 2025 |

Makarewa River Works

| Job File Reference | Name of Channel | Timing |
|--------------------|------------------|----------------------------|
| qA 1693 | Makarewa River | November 2024 to July 2025 |
| qA 1693 | Lora Stream | November 2024 to July 2025 |
| qA 1693 | Otapiri Stream | November 2024 to July 2025 |
| qA 1693 | Dunsdale Stream | November 2024 to July 2025 |
| qA 1693 | Titipua Stream | November 2024 to July 2025 |
| qA 1693 | Hedgehope Stream | November 2024 to July 2025 |