

Stewardship for Bethel Branch

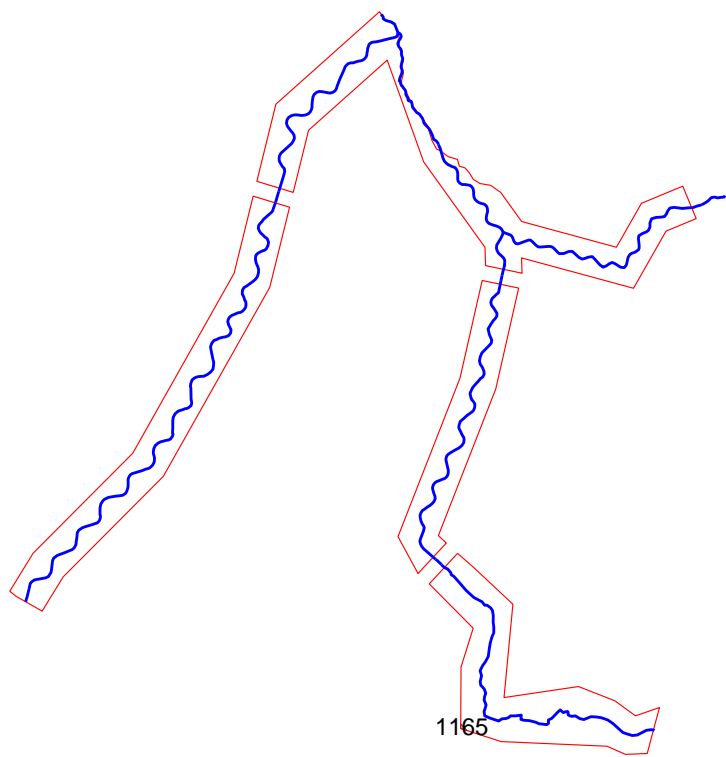
Lead Steward: Andrea

2023-12-18

Boundary Issues

| OBJECTID | Year | Issue | Description | Treatment | TreatDate | Resolved |
|----------|------|-------|--------------------|---|-----------|----------|
| 1165 | 2019 | Other | fencing inside CE. | fence moved to approximate CE boundary. Road closed | 10/2022 | Yes |

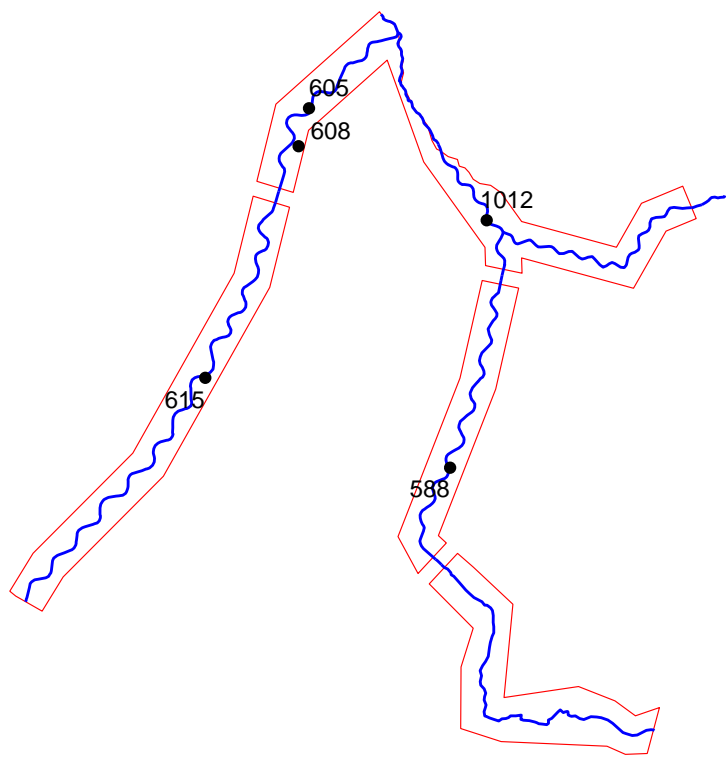
Boundary Issues (polygons)



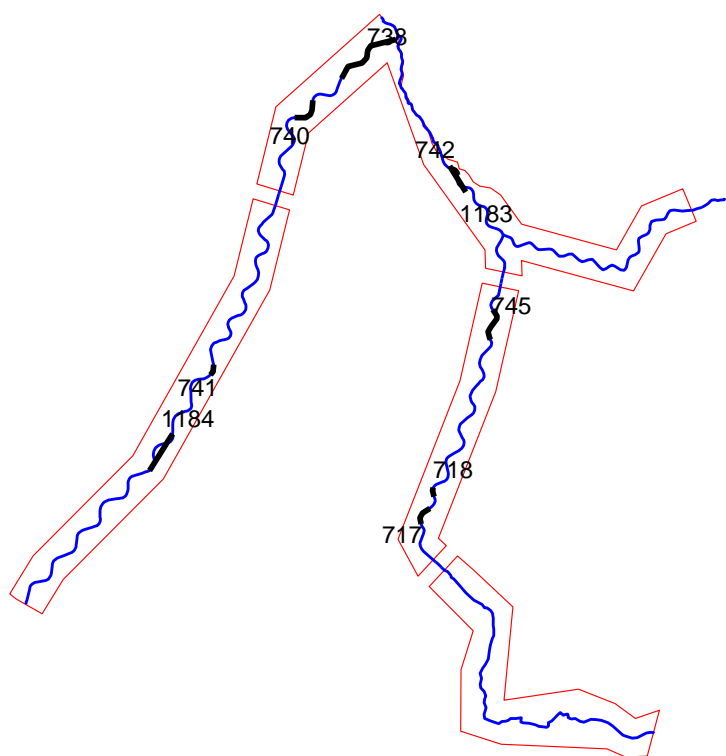
Channel Issues

| OBJECTID | Year | Subtype | Issue | Description | Treatment | TreatDate | Resolved |
|----------|------|---------------------------|-----------------|---|------------------------------|-----------|----------|
| 745 | 2023 | Channel Stability/Erosion | ErosionScour | Outside bends scour behind brush toe | Sill fixes - rocks and plugs | 09/2022 | No |
| 1183 | 2023 | Needs Livestakes | | | | | No |
| 1184 | 2023 | Needs Livestakes | | | | | No |
| 1012 | 2023 | Failed Structure | Erosion/Scoured | Sill needs plugs both sides | | | No |
| 738 | 2022 | Channel Stability/Erosion | | | | | Yes |
| 717 | 2022 | Channel Stability/Erosion | | | | | No |
| 718 | 2022 | Channel Stability/Erosion | | | | | No |
| 588 | 2022 | Failed Structure | | Hole in bank, erosion around brush toe | | | No |
| 605 | 2022 | Failed Structure | | Bank Erosion | | | No |
| 608 | 2022 | Failed Structure | | Small hole right bank | | | No |
| 615 | 2022 | Failed Structure | | Hole in left bank behind brush toe, smartweed area (both sides) | | | No |
| 742 | 2021 | Channel Stability/Erosion | ErosionScour | Erosion. Needs stakes and plugs | Sill fixes - rocks and plugs | 09/2022 | No |
| 740 | 2021 | Channel Stability/Erosion | | bank weakening, sloughing, cracking | | | No |
| 741 | 2021 | Channel Stability/Erosion | ErosionScour | | | | No |

Channel Issues (points)



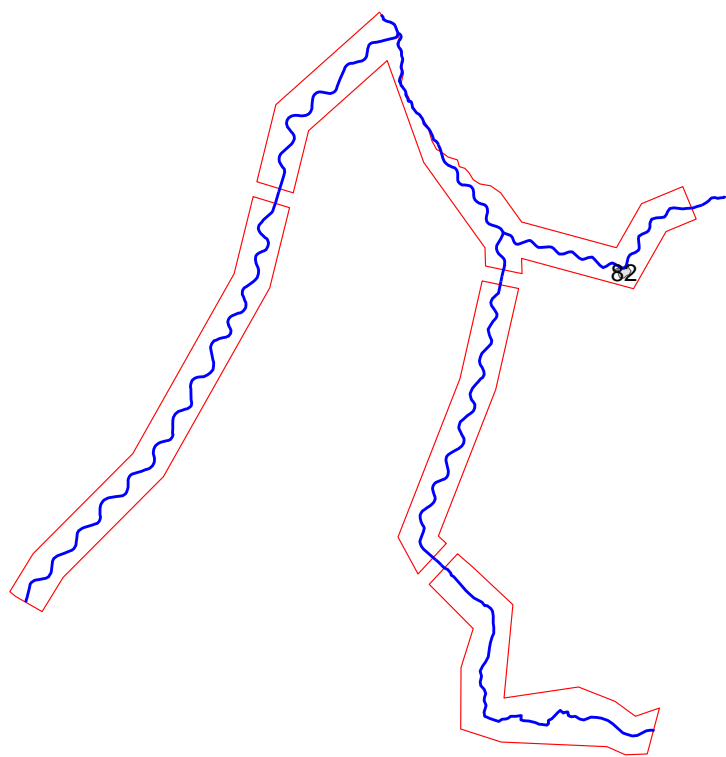
Channel Issues (lines)



Vegetation Issues

| OBJECTID | Year | Issue | Description | Treatment | TreatDate | Resolved |
|----------|------|--------------------------------------|--|--|-----------|----------|
| 82 | 2021 | Bare Areas and Low Stem Vigor/Height | Size is smaller in growing season. Walked bigger winter perimeter. | temporary seed | 08/2021 | No |
| 82 | 2021 | Bare Areas and Low Stem Vigor/Height | Size is smaller in growing season. Walked bigger winter perimeter. | seeding temp and perm mix and added soil amendments: lime, Carbon ProG, 17-17-17, Humic+, Azomite, molasses, peat moss | 04/2021 | No |
| 82 | 2021 | Bare Areas and Low Stem Vigor/Height | Size is smaller in growing season. Walked bigger winter perimeter. | Spread seed and amendments | 09/2022 | No |

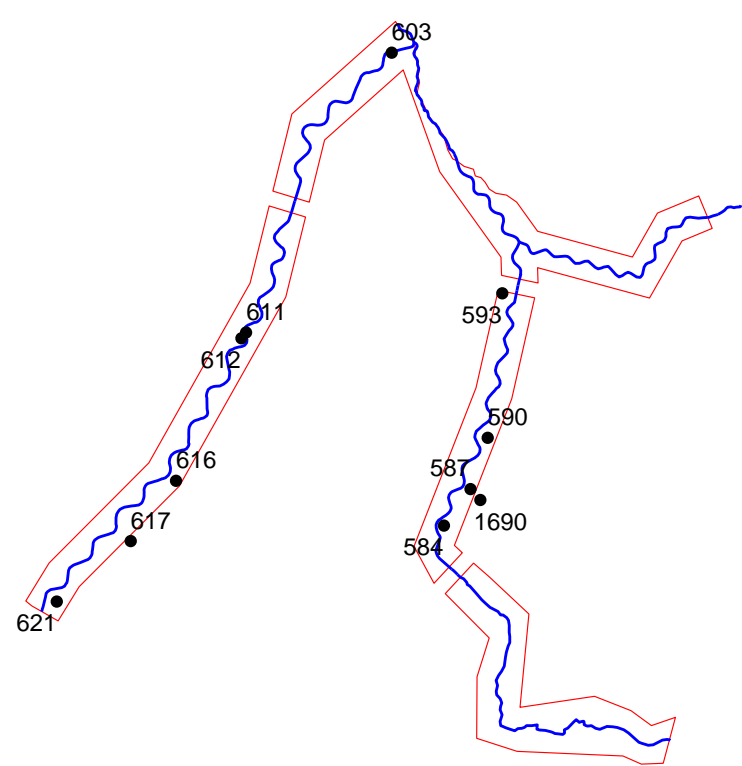
Vegetation Issues (polygons)



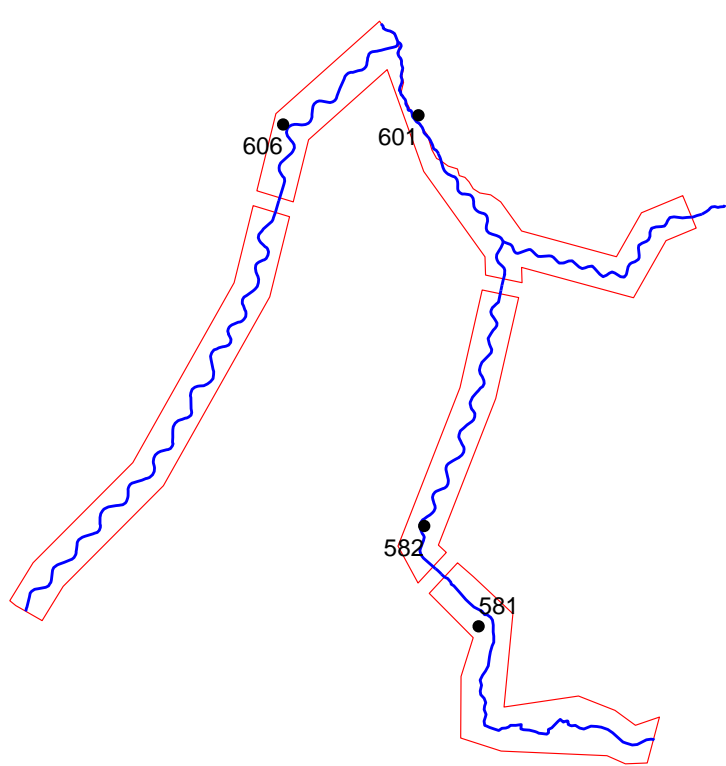
Weed Issues

| OBJECTID | Year | Species1 | Species2 | Issue | Treatment | Method | TreatDate | Resolved |
|----------|------|----------------------|-----------------|---|-----------------------|-----------|-----------|----------|
| 1690 | 2023 | Chinese Privet | | Privet seed source (hack and squirted follow up needed) | | | | No |
| 584 | 2022 | Chinese Privet | | | Privet removal | Cut Stump | 06/2023 | No |
| 587 | 2022 | Chinese Privet | | | Privet removal | Cut Stump | 06/2023 | No |
| 590 | 2022 | Chinese Privet | | | | | | No |
| 593 | 2022 | Chinese Privet | | | | | | No |
| 603 | 2022 | Chinese Privet | | | | | | No |
| 611 | 2022 | Chinese Privet | | | | | | No |
| 612 | 2022 | Chinese Privet | | | | | | No |
| 616 | 2022 | Chinese Privet | | Small Privet | | | | No |
| 617 | 2022 | Chinese Privet | | | | | | No |
| 621 | 2022 | Chinese Privet | | | | | | No |
| 581 | 2022 | Japanese Honeysuckle | | | | | | No |
| 582 | 2022 | Japanese Honeysuckle | | | | | | No |
| 601 | 2022 | Japanese Honeysuckle | | | | | | No |
| 606 | 2022 | Japanese Honeysuckle | | Loja canopy | | | | No |
| 586 | 2022 | Multiflora Rose | | | | | | No |
| 592 | 2022 | Multiflora Rose | | | | | | No |
| 602 | 2022 | Multiflora Rose | | | | | | No |
| 610 | 2022 | Multiflora Rose | | | | | | No |
| 687 | 2022 | Tree Of Heaven | | | Roving removal of TOH | Cut Stump | 06/2023 | No |
| 618 | 2022 | Tree Of Heaven | | | | | | No |
| 721 | 2021 | Chinaberry | Beefsteak Plant | | | | | No |

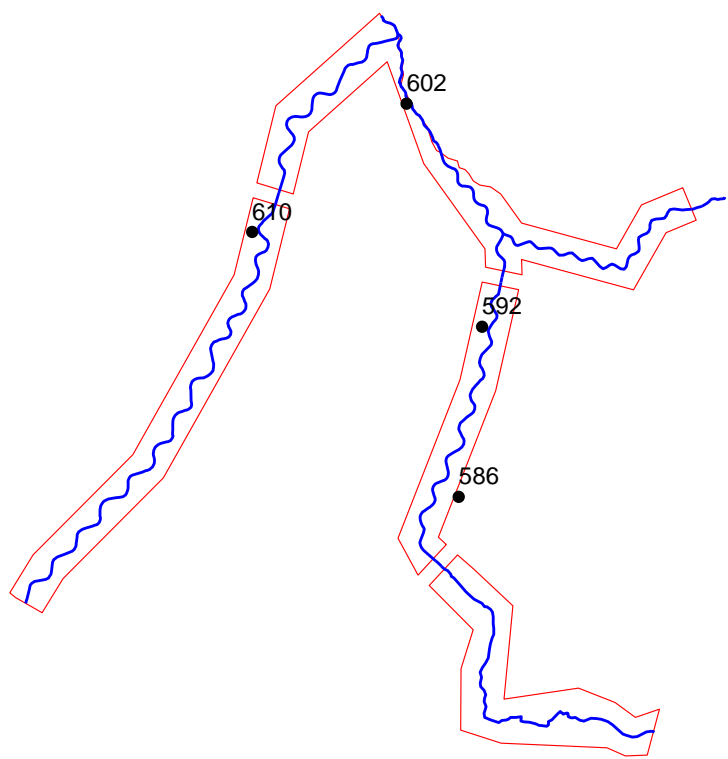
Weed Issues – Chinese Privet



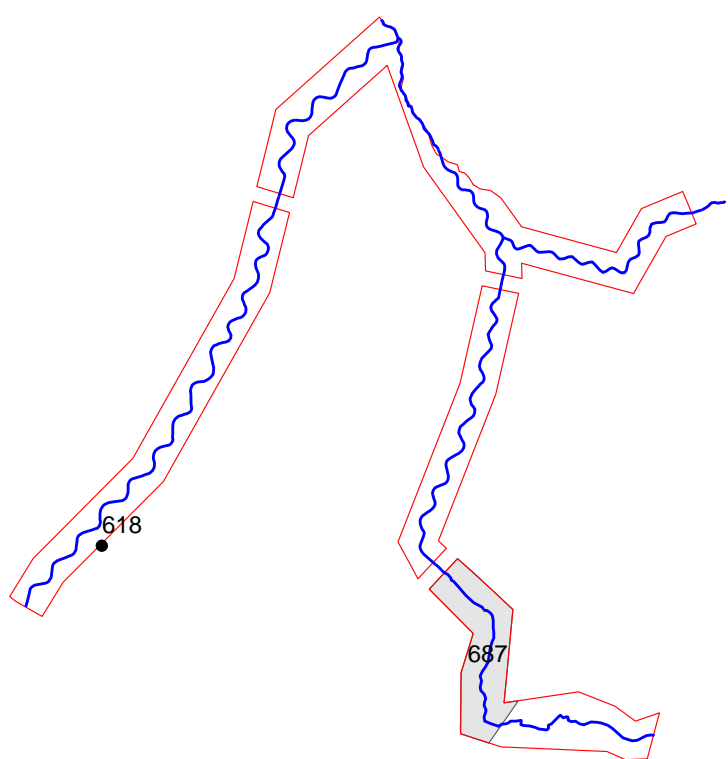
Weed Issues – Japanese Honeysuckle



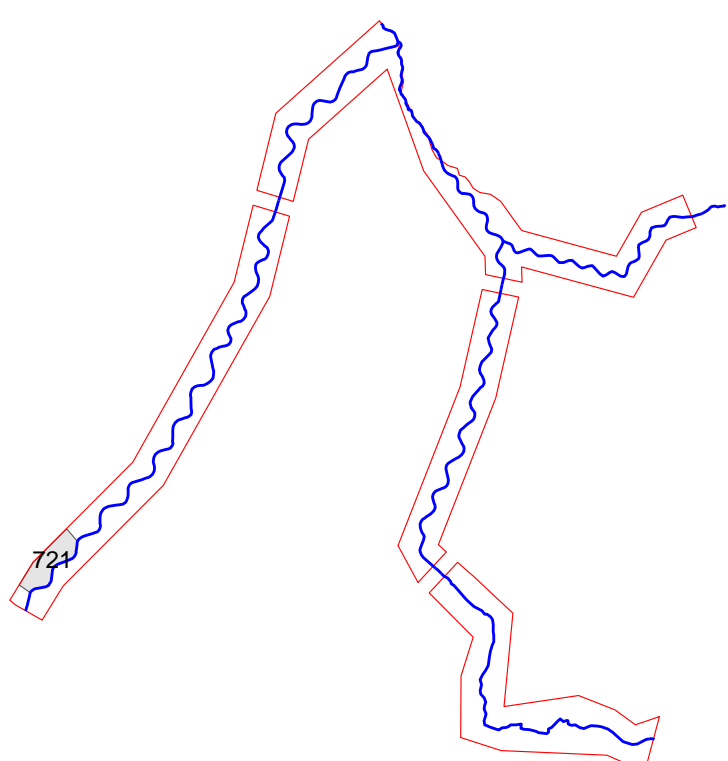
Weed Issues – Multiflora Rose



Weed Issues – Tree Of Heaven



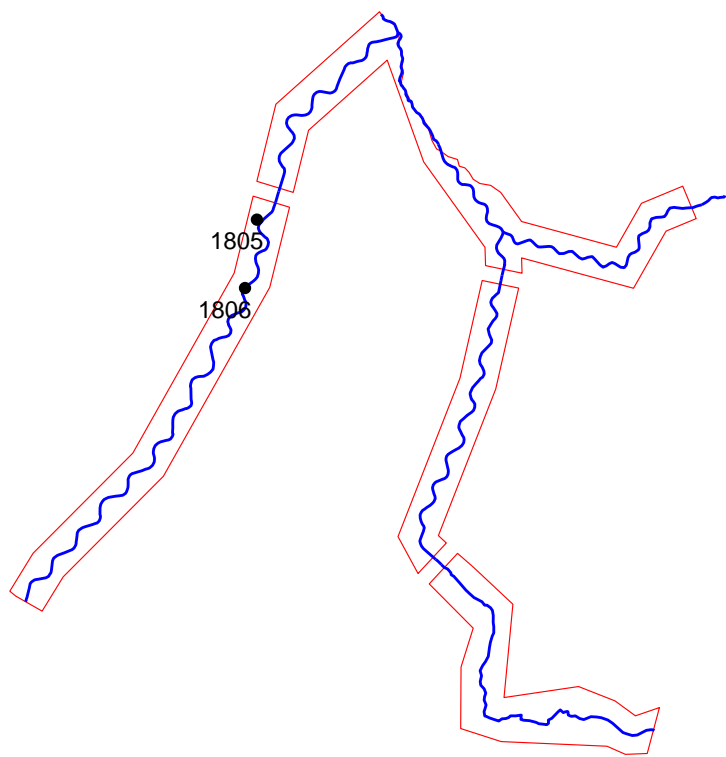
Weed Issues – Chinaberry



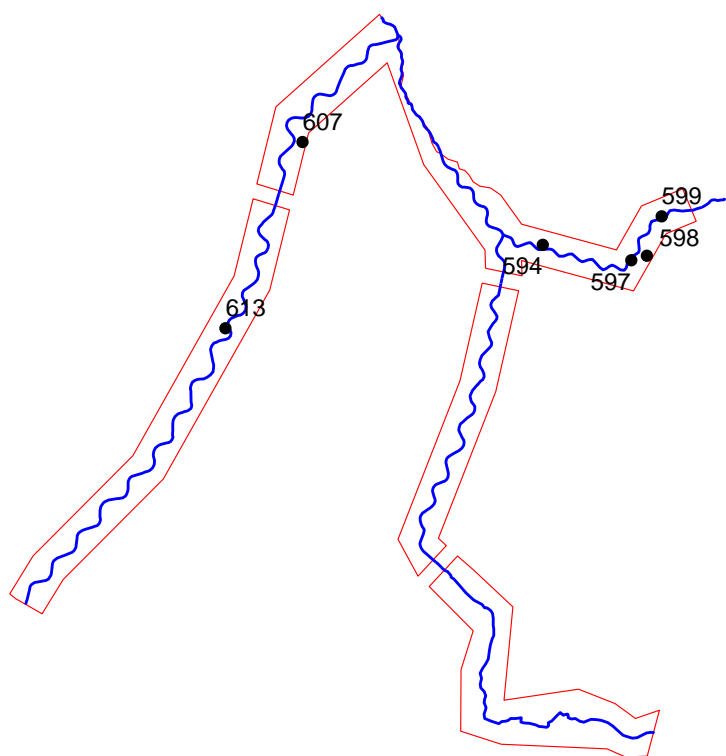
Miscellaneous Issues

| OBJECTID | Year | Subtype | Description | LocationOrFeature | Resolved |
|----------|------|-------------|---|-------------------|----------|
| 1805 | 2023 | Beaver Dam | | | Yes |
| 1806 | 2023 | Beaver Dam | | | Yes |
| 1239 | 2023 | Misc | 4 trees down over stream, one is very low and doesn't leave much room for large flows to get under it | In-Stream | No |
| 1243 | 2023 | Misc | Tree down in channel. Keep an eye on it. | | No |
| 580 | 2022 | Misc | Cut out B-wire | | No |
| 596 | 2022 | Misc | Needs Plugs | | No |
| 594 | 2022 | Soil Sample | BUT31 | | |
| 597 | 2022 | Soil Sample | BUT32 | | |
| 598 | 2022 | Soil Sample | BUT33 | | |
| 599 | 2022 | Soil Sample | BUT34 | | |
| 607 | 2022 | Soil Sample | UT1-SS2 BA | | |
| 613 | 2022 | Soil Sample | UT1-SS1 | | |

Miscellaneous – Beaver Dam



Miscellaneous – Soil Samples



Miscellaneous Issues

