

Appendix J

Photographs of Typical Biota Tissue Samples

List of Photographs

- Photograph J-1. Representative sedge blade sample (*Carex scirpoidea*) from station TT7-2000
- Photograph J-2. Cottongrass (*Eriophorum vaginatum*) in its habitat at station TT5-0010
- Photograph J-3. Representative whole sedge sample (*Carex aquatilis*) from tundra pond station TP4 (prior to sample processing)
- Photograph J-4. Representative whole sedge sample (*Eriophorum angustifolium*) from reference lagoon station CL-REF-3b
- Photograph J-5. Representative sedge seed sample (*Carex aquatilis*) from tundra pond station TP1-0100
- Photograph J-6. Tufted hairgrass sample (*Deschampsia beringensis*) from reference lagoon station CL-REF-3b
- Photograph J-7. Representative willow leaf sample (*Salix planifolia pulchra*) from Omikviorok River station OR-R
- Photograph J-8. Diamondleaf willow (*Salix planifolia pulchra*) in its habitat at station TT5-0010
- Photograph J-9. Dwarf birch (*Betula nana*) in its habitat at station TT6-1000
- Photograph J-10. *Peltigera* lichen collected at terrestrial transect TT8 (prior to sample processing)
- Photograph J-11. Representative *Cladina* lichen sample from station TT7-2000
- Photograph J-12. *Cladina* lichen in its habitat at station TT3-1000
- Photograph J-13. Representative terrestrial invertebrate composite sample from station TT5-2000
- Photograph J-14. Example of stream invertebrates collected with kick nets (trial sample from Tutak Creek shown)
- Photograph J-15. Lagoon invertebrate composite sample (predominantly chironomids) from Port Lagoon North station PLNL
- Photograph J-16. Lagoon invertebrate composite sample from North Lagoon station NLF (predominant species tentatively identified as *Lepidurus* sp.)
- Photograph J-17. Northern red-backed vole (*Clethrionomys rutilus*) example from station TT5-1000

- Photograph J-18. Northern red-backed vole (*Clethrionomys rutilus*) example from station TT5-1000 (top view)
- Photograph J-19. Tundra vole (*Microtus oeconomus*) example from station TT5-0020
- Photograph J-20. Brown lemming (*Lemmus sibiricus*) example from station TT5-0020
- Photograph J-21. Masked shrew (*Sorex cinereus*) example from station TT3-1000
- Photograph J-22. Tundra shrew (*Sorex tundrensis*) example from station TT3-0100
- Photograph J-23. Salmonberry (*Rubus chamaemorus*) collection area north of Kivalina
- Photograph J-24. Representative salmonberry plant in its habitat
- Photograph J-25. Sourdock (*Rumex crispus*) collection area south of Kivalina
- Photograph J-26. Representative sourdock plant in its habitat
- Photograph J-27. Representative willow ptarmigan sample (*Lagopus lagopus*) from station PT2

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-1.
Representative sedge blade sample (*Carex scirpoidea*) from
station TT7-2000



Photograph J-2.
Cottongrass (*Eriophorum vaginatum*) in its habitat at station
TT5-0010

DMTS Fugitive Dust
Risk Assessment
Appendix J

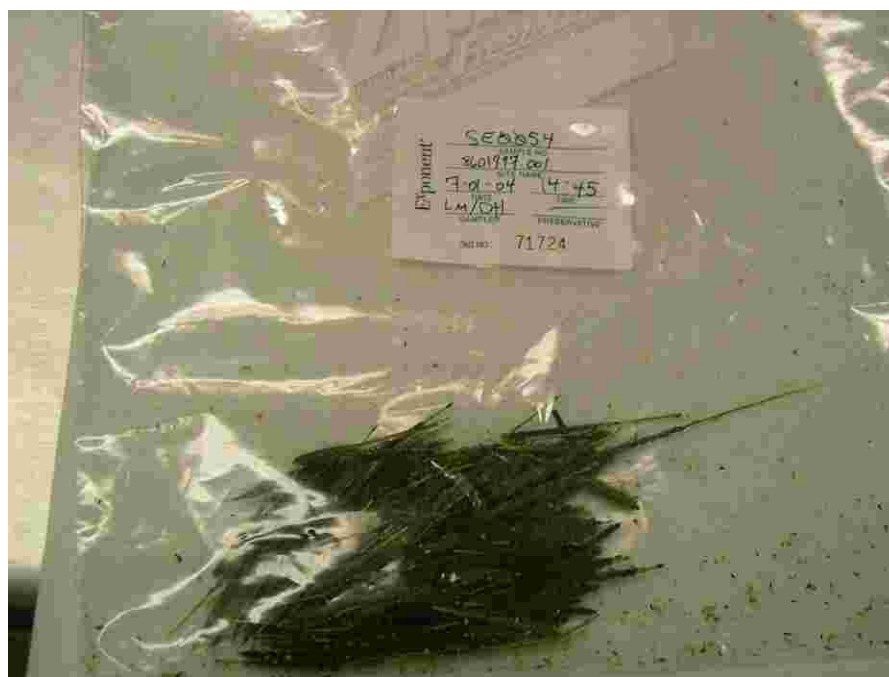


Photograph J-3.
Representative whole sedge sample (*Carex aquatilis*) from tundra pond station TP4 (prior to sample processing)

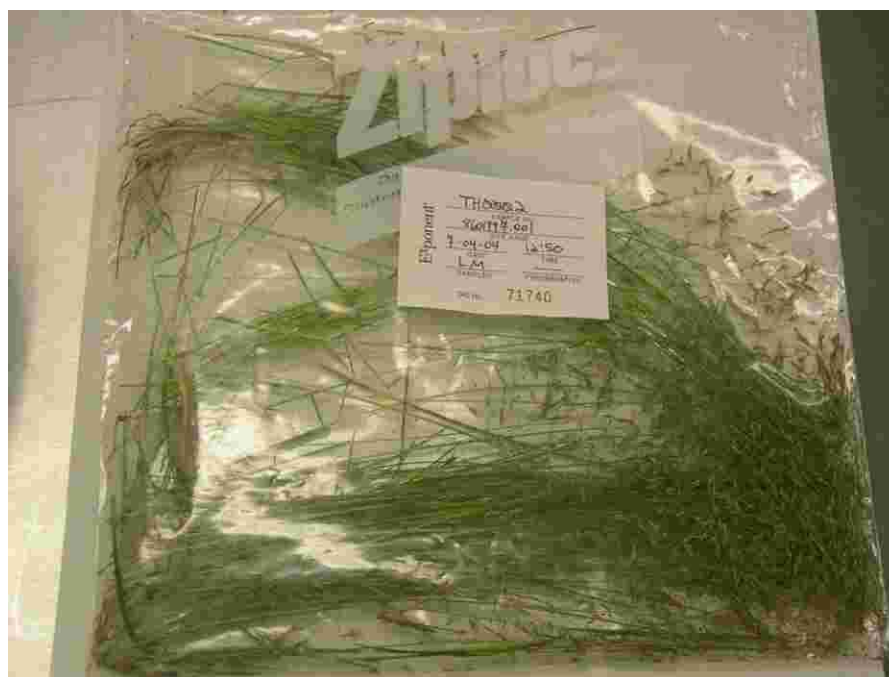


Photograph J-4.
Representative whole sedge sample (*Eriophorum angustifolium*) from reference lagoon station CL-REF-3b

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-5.
Representative sedge seed sample (*Carex aquatilis*) from
tundra pond station TP1-0100



Photograph J-6.
Tufted hairgrass sample (*Deschampsia beringensis*) from
reference lagoon station CL-REF-3b

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-7.
Representative willow leaf sample (*Salix planifolia pulchra*) from
Omikviorok River station OR-R



Photograph J-8.
Diamondleaf willow (*Salix planifolia pulchra*) in its habitat at
station TT5-0010

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-9.
Dwarf birch (*Betula nana*) in its habitat at station TT6-1000



Photograph J-10.
Peltigera lichen collected at terrestrial transect TT8 (prior to sample processing)

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-11.
Representative *Cladina* lichen sample from station TT7-2000



Photograph J-12.
Cladina lichen in its habitat at station TT3-1000

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-13.
Representative terrestrial invertebrate composite sample from station TT5-2000



Photograph J-14.
Example of stream invertebrates collected with kick nets (trial sample from Tutak Creek shown)

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-15.
Lagoon invertebrate composite sample (predominantly chironomids) from Port Lagoon North station PLNL



Photograph J-16.
Lagoon invertebrate composite sample from North Lagoon station NLF (predominant species tentatively identified as *Lepidurus* sp.)

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-17.
Northern red-backed vole (*Clethrionomys rutilus*) example from
station TT5-1000



Photograph J-18.
Northern red-backed vole (*Clethrionomys rutilus*) example from
station TT5-1000 (top view)

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-19.
Tundra vole (*Microtus oeconomus*) example from station
TT5-0020



Photograph J-20.
Brown lemming (*Lemmus sibiricus*) example from station
TT5-0020

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-21.
Masked shrew (*Sorex cinereus*) example from station TT3-1000



Photograph J-22.
Tundra shrew (*Sorex tundrensis*) example from station TT3-0100

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-23.
Salmonberry (*Rubus chamaemorus*) collection area north of
Kivalina



Photograph J-24.
Representative salmonberry plant in its habitat

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-25.
Sourdock (*Rumex crispus*) collection
area south of
Kivalina



Photograph J-26.
Representative sourdock plant in its habitat

DMTS Fugitive Dust
Risk Assessment
Appendix J



Photograph J-27.
Representative willow ptarmigan sample (*Lagopus lagopus*)
from station PT2