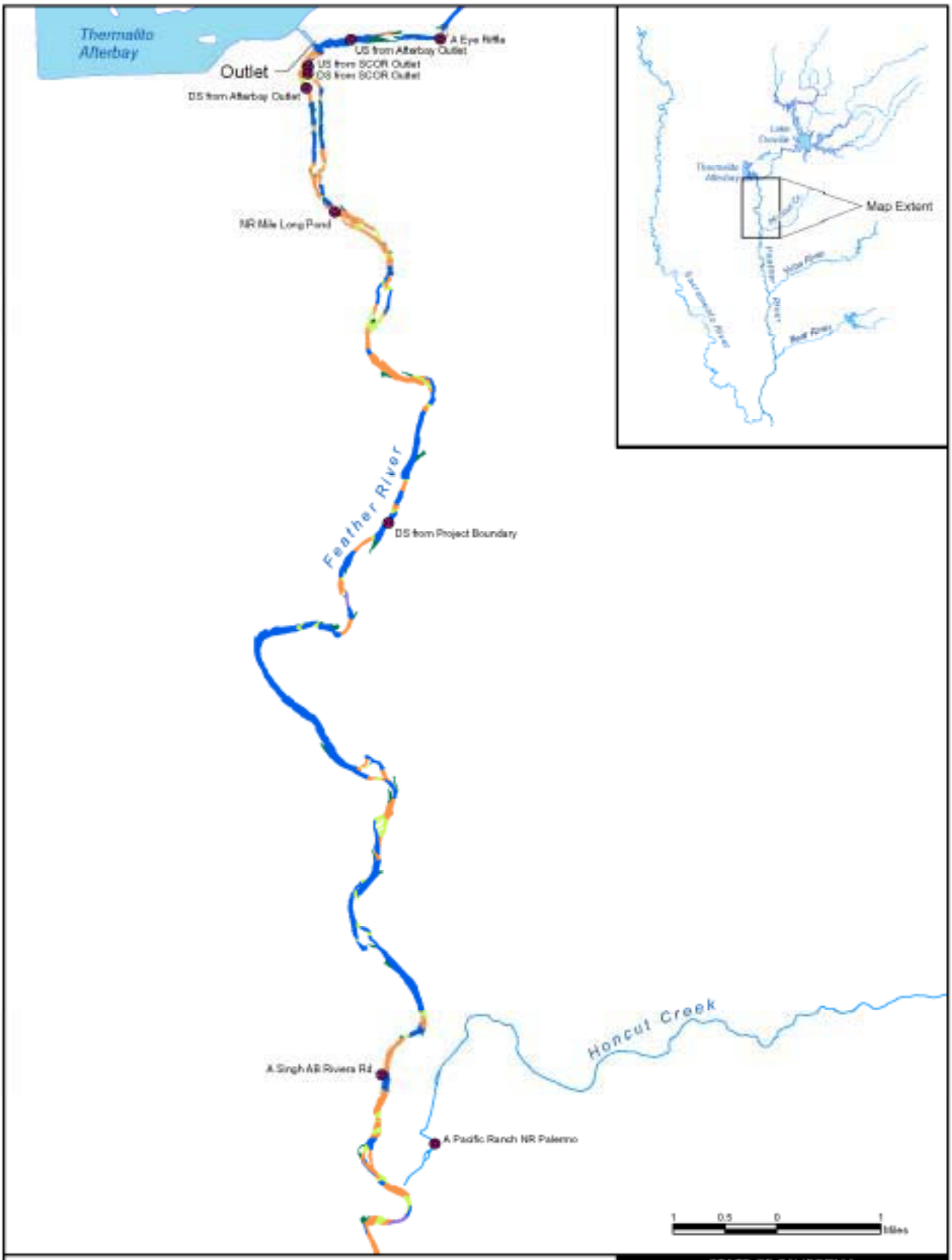


Legend

- Water Temperature Data Logger Locations

Mesohabitat Type

- Run
- Pool
- Boulder Run
- Riffle
- Glide
- Backwater

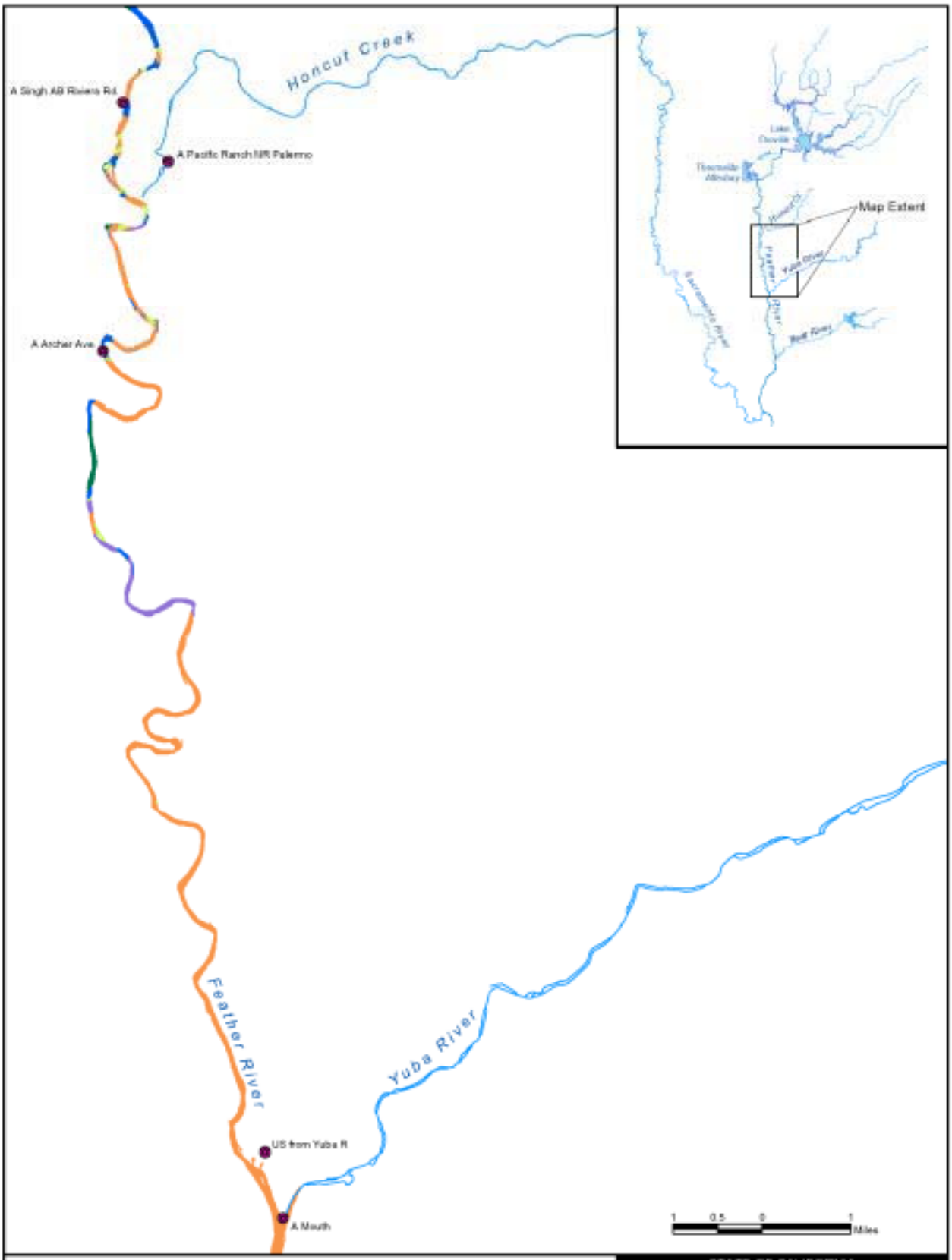
STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Oroville Facilities Relicensing
FERC Project No. 2100

N

SP-F3.2 Task 4A
Map 18
Water Temperature
Data Logger Locations:
Afterbay Outlet to Honcut Creek

Prepared by: B.F. SWRI | Date: 06-16-05 | Logger_Outlet_Honcut



Legend

Water Temperature Data Logger Locations

Mesohabitat Type

Run | Pool | Boulder Run

Riffle | Glide | Backwater

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Oroville Facilities Relicensing
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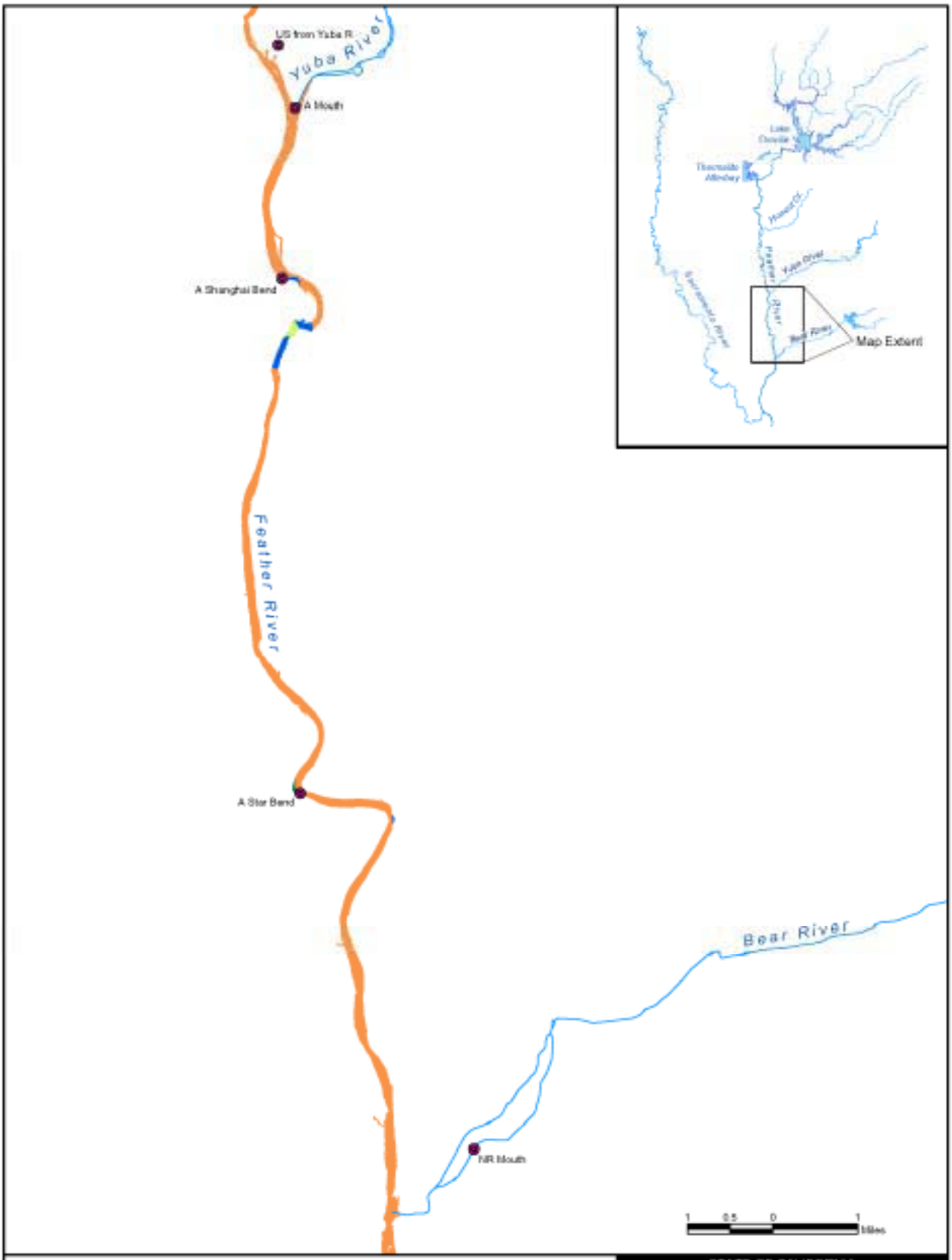
SP-F3.2 Task 4A
Map 19
Water Temperature
Data Logger Locations:
Honcut Creek to Yuba River

Prepared by: B.F. SWRI | Date: 06-18-03 | Logger_Honcut_Yuba



Legend

- Water Temperature Data Logger Locations

Mesohabitat Type

Run	Pool	Boulder Run
Riffle	Glide	Backwater

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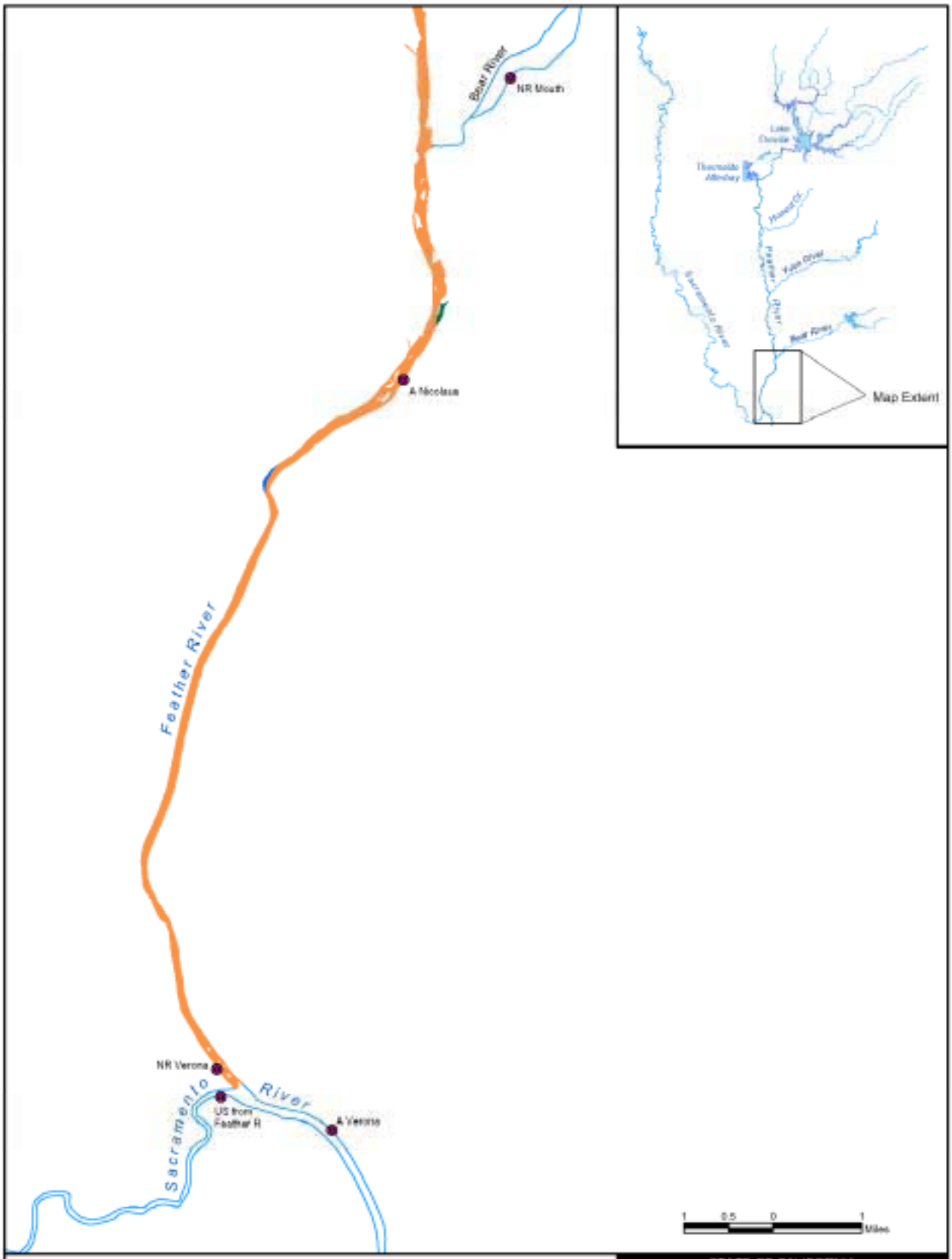
Oroville Facilities Relicensing
FERC Project No. 2100

N

SP-F3.2 Task 4A
Map 20
Water Temperature
Data Logger Locations:
Yuba River to Bear River

Prepared by: B.F. SWRI | Date: 06-18-03 | Logger_Yuba_Bear



Legend

- Water Temperature Data Logger Locations

Mesohabitat Type

- Run
- Pool
- Boulder Run
- Riffle
- Glide
- Backwater

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Oroville Facilities Relicensing
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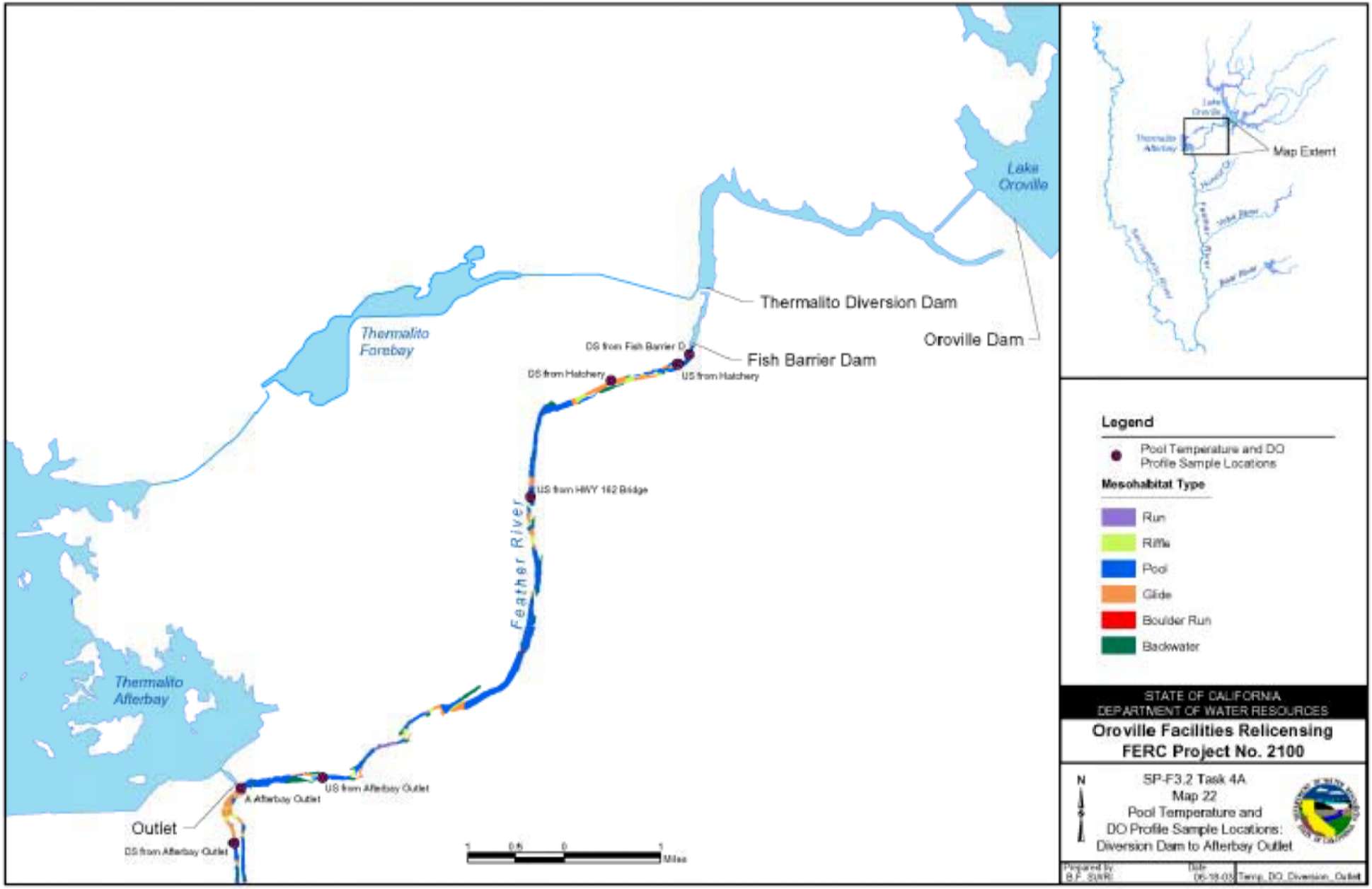
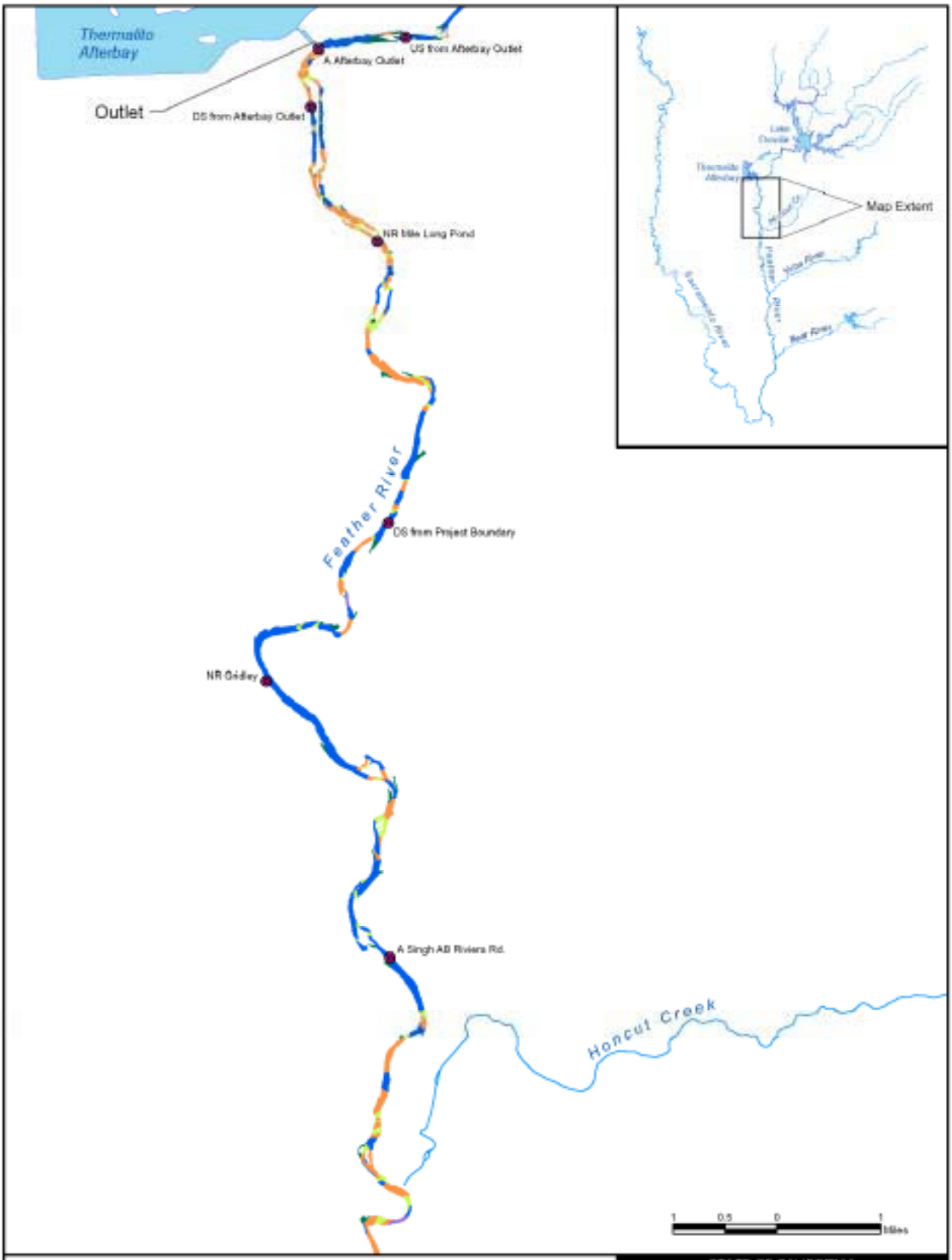
SP-F3.2 Task 4A
Map 21
Water Temperature
Data Logger Locations:
Bear River to Sacramento River

Prepared by: B.F. SWRI
Date: 06-18-03
Logger_Bear_Sacramento


Lake Oroville
Thermalito Diversion Dam
Oroville Dam
Thermalito Forebay
DS from Fish Barrier D
Fish Barrier Dam
DS from Hatchery
US from Hatchery
US from HWY 162 Bridge
Feather River
Thermalito Afterbay
US from Afterbay Outlet
A Afterbay Outlet
Outlet
DS from Afterbay Outlet
1 0.5 0 1 Miles
Map Extent
Legend
Pool Temperature and DO Profile Sample Locations
Mesohabitat Type
Run
Riffle
Pool
Glide
Boulder Run
Backwater
STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
Oroville Facilities Relicensing
FERC Project No. 2100
N
SP-F3.2 Task 4A
Map 22
Pool Temperature and
DO Profile Sample Locations:
Diversion Dam to Afterbay Outlet
Prepared by
B.F. SWRI
Date
06-18-03
Temp_DO_Diversion_Outlet



Legend

Pool Temperature and DO Profile Sample Locations

Mesohabitat Type

Run | Pool | Boulder Run

Riffle | Glide | Backwater

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Oroville Facilities Relicensing
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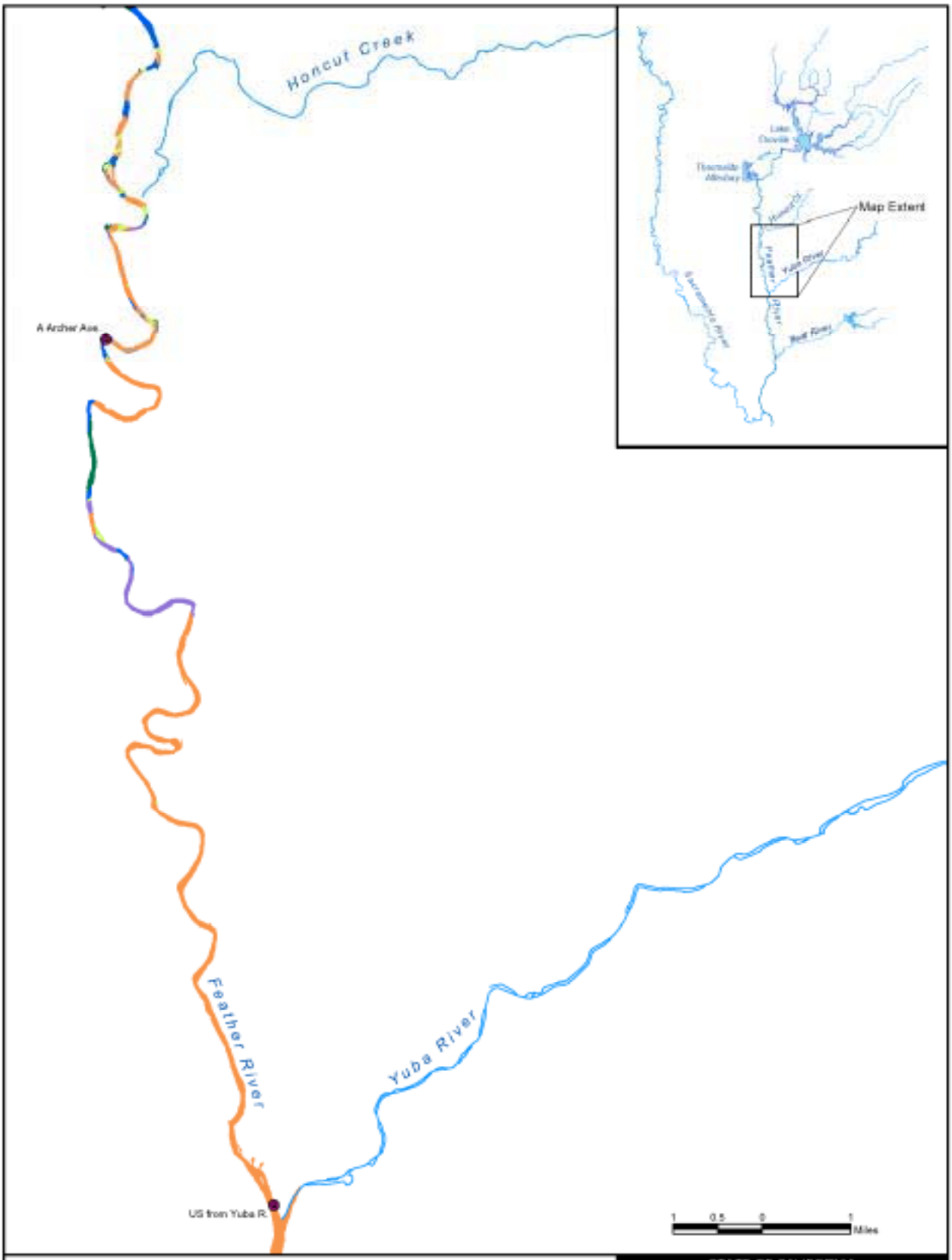
SP-F3.2 Task 4A
Map 23
Pool Temperature and
DO Profile Sample Locations:
Afterbay Outlet to Honcut Creek

Prepared by: B.F. SWRI | Date: 06-16-03 | Temp_DO_Outlet_Honcut



Legend

● Pool Temperature and DO Profile Sample Locations

Mesohabitat Type

Run	Pool	Boulder Run
Riffle	Glide	Backwater

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Oroville Facilities Relicensing
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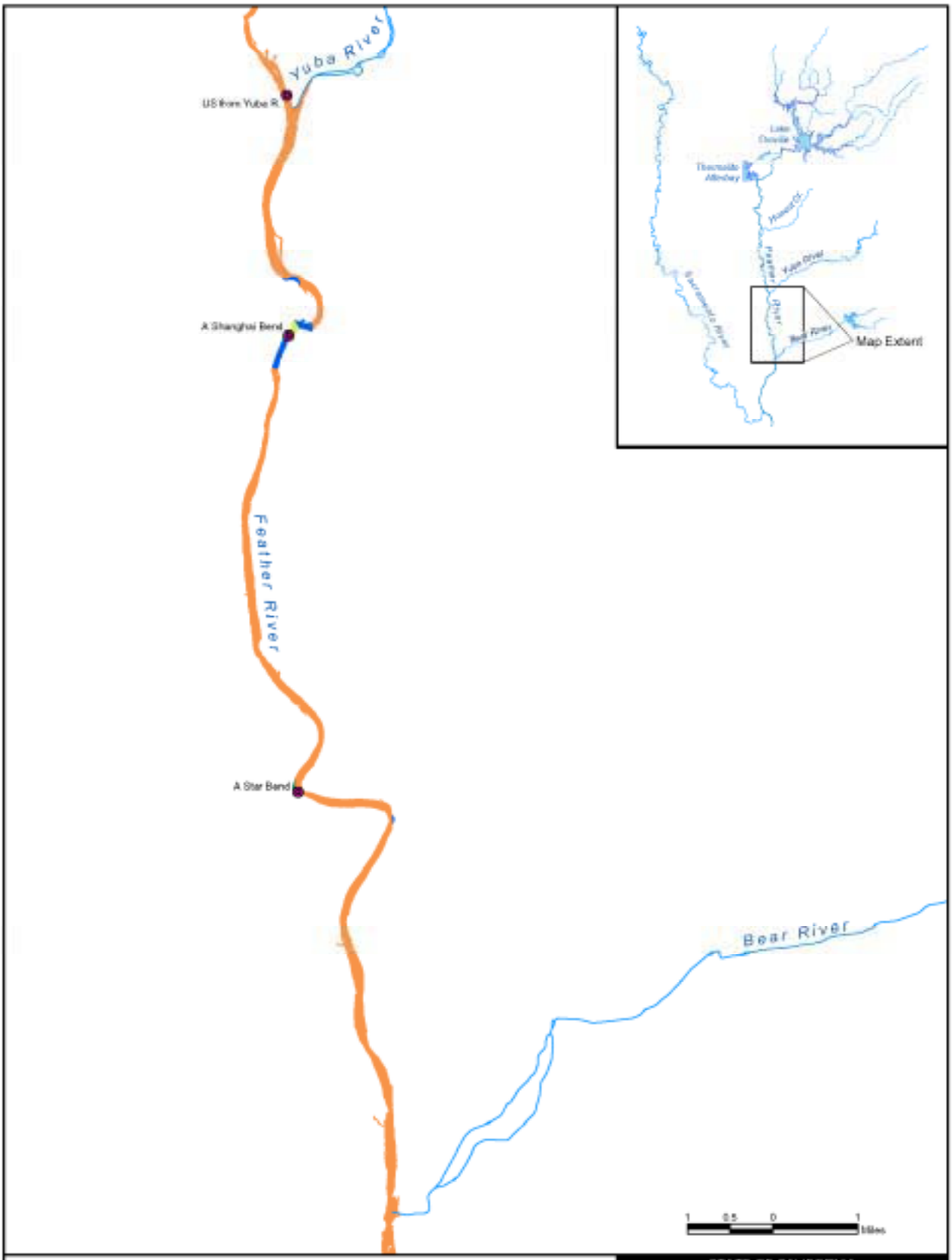
SP-F3.2 Task 4A
Map 24
Pool Temperature and
DO Profile Sample Locations:
Honcut Creek to Yuba River

Prepared by: B.F. SWRI | Date: 06-18-03 | Temp_DO_Honcut_Yuba



Legend

● Pool Temperature and DO Profile Sample Locations

Mesohabitat Type

Run | Pool | Boulder Run

Riffle | Glide | Backwater

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Oroville Facilities Relicensing
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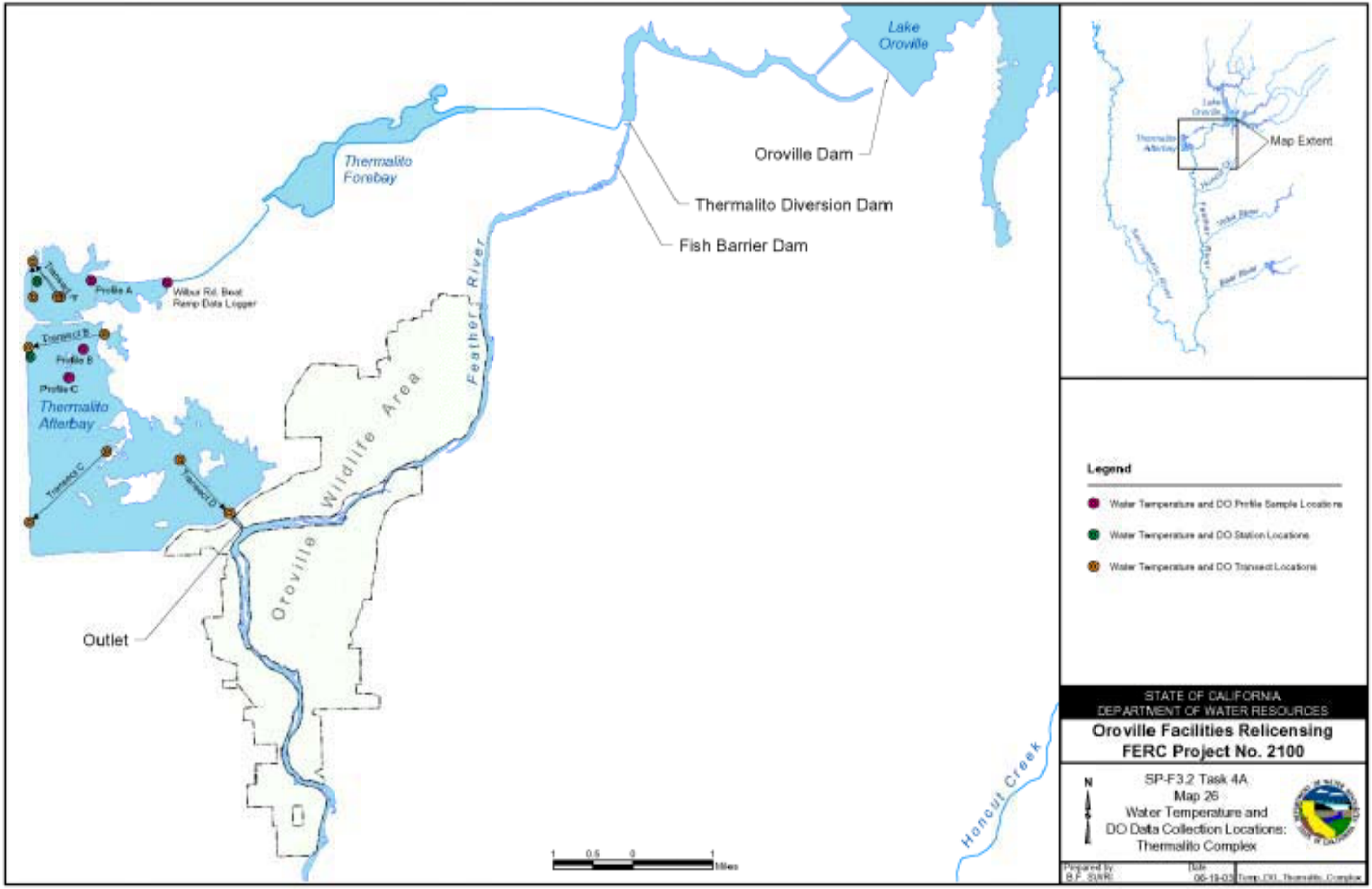
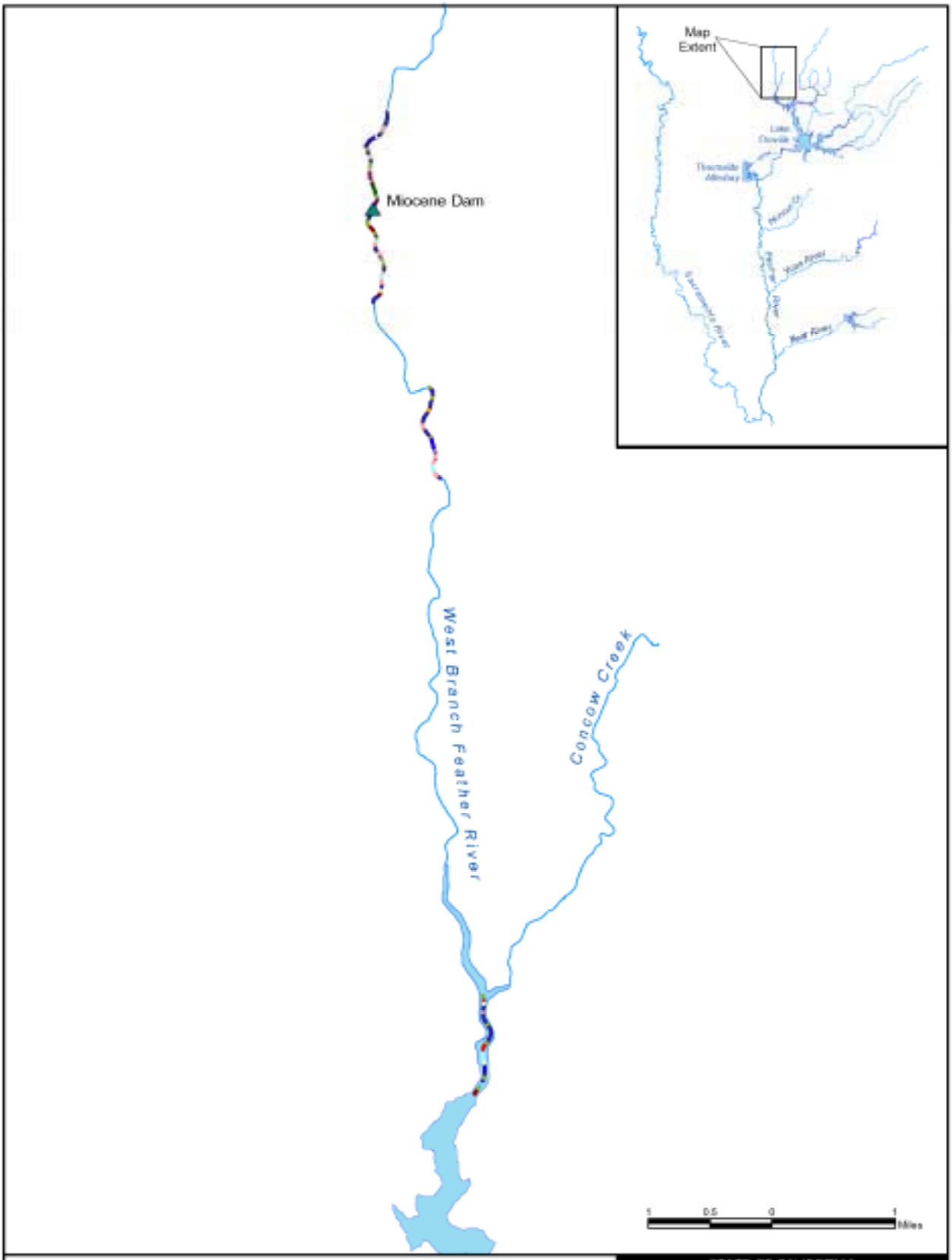
SP-F3.2 Task 4A
Map 25
Pool Temperature and
DO Profile Sample Locations:
Yuba River to Bear River

Prepared by: B.F. SWRI | Date: 06-18-03 | Temp_DO_Yuba_Bear



Lake Oroville
Oroville Dam
Thermalito Diversion Dam
Fish Barrier Dam
Thermalito Forebay
Thermalito Afterbay
Profile A
Wilbur Rd. Boat Ramp Data Logger
Transect B
Profile B
Profile C
Transect C
Transect D
Feather River
Oroville Wildlife Area
Outlet
Hancut Creek
1 0.5 0 1 Miles
Map Extent
Legend
Water Temperature and DO Profile Sample Locations
Water Temperature and DO Station Locations
Water Temperature and DO Transect Locations
STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
Oroville Facilities Relicensing
FERC Project No. 2100
N
SP-F3.2 Task 4A
Map 26
Water Temperature and
DO Data Collection Locations:
Thermalito Complex
Prepared by:
B.F. SWRI
Date
06-19-03
Temp_DO_Thermalito_Complex



Legend

▲ Potential fish passage barriers

Mesohabitat Type

Reservoir	Junction Pool	Riffle	Step Run
Degraded Habitat	Plunge Pool	High Gradient Riffle	Step
Pool	Step Pool	Run	Chute
Complex Pool	Glide	Boulder Run	Cascade

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Oroville Facilities Relicensing
FERC Project No. 2100

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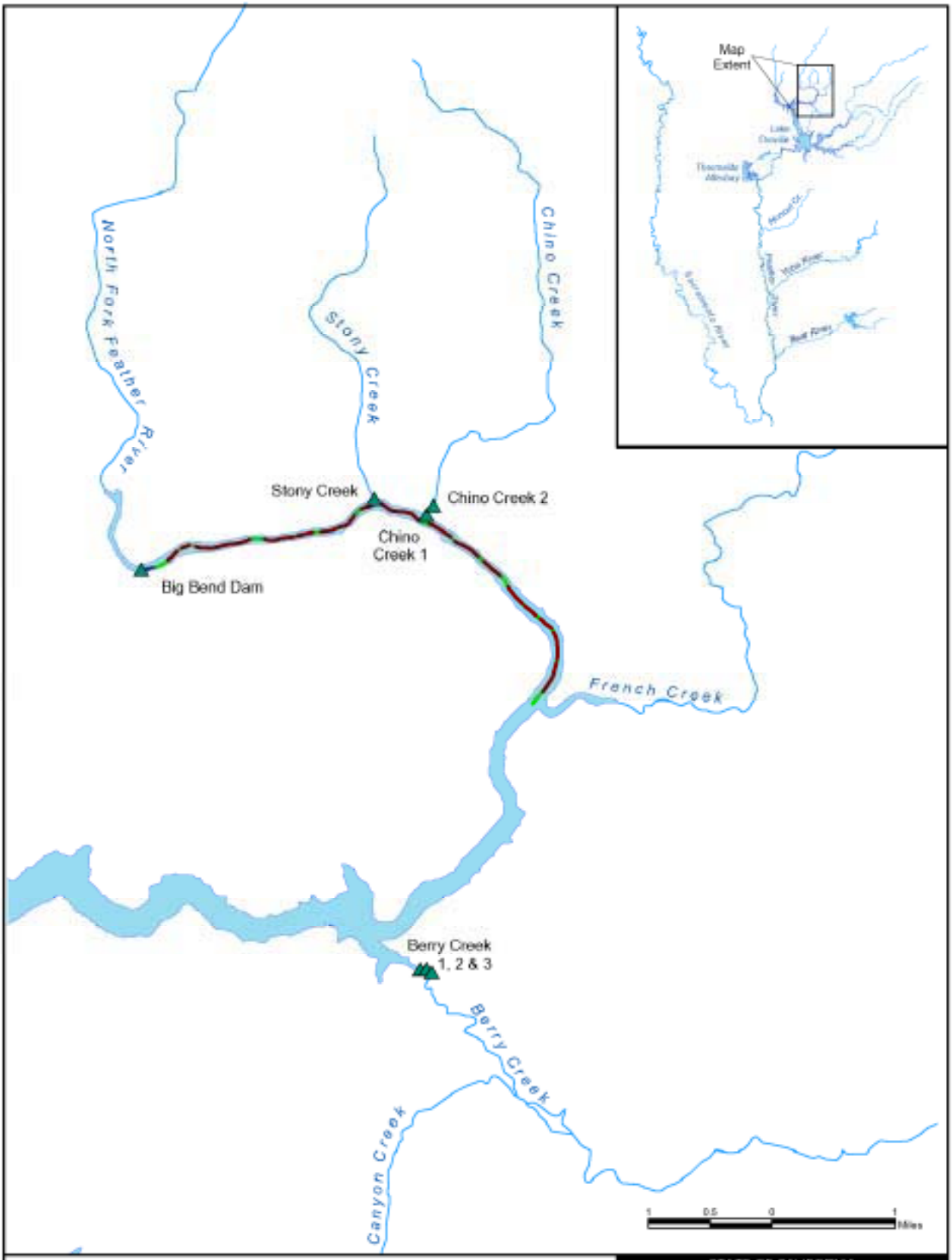
SP-F3.1 Task 1C
Map 1
Mesohabitat:
West Branch Feather River

Prepared by: B.F. SWRI | Date: 06-10-03 | Meso_West_Feather



Legend

▲ Potential fish passage barriers

Mesohabitat Type

Reservoir	Junction Pool	Riffle	Step Run
Degraded Habitat	Plunge Pool	High Gradient Riffle	Step
Pool	Step Pool	Run	Chute
Complex Pool	Glide	Boulder Run	Cascade

STATE OF CALIFORNIA
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FERC Project No. 2100

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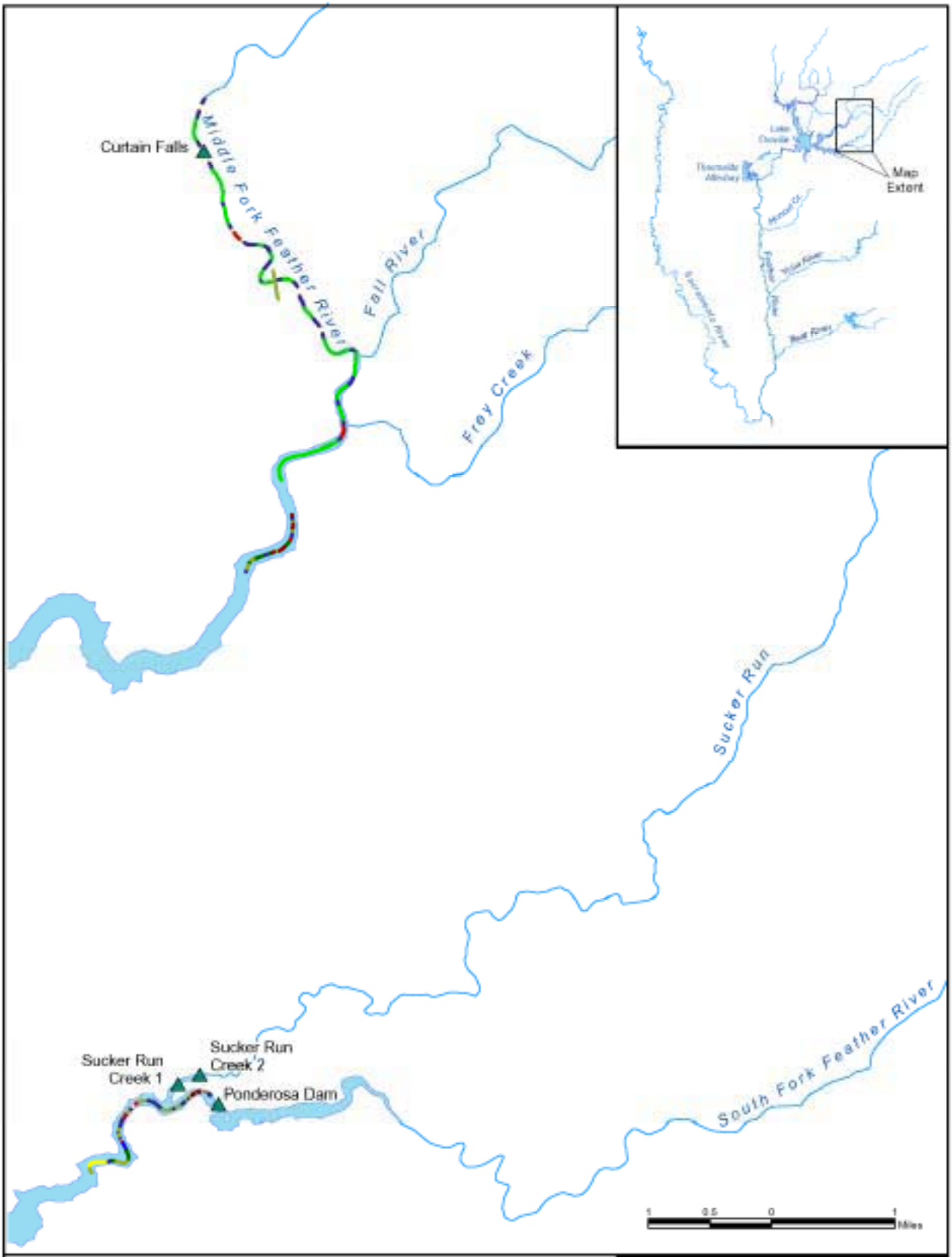
SP-F3.1 Task 1C
Map 2
Mesohabitat:
North Fork Feather River

Prepared by: B.F. SWRI | Date: 06-10-03 | Meso_North_Feather



Legend

▲ Potential fish passage barriers

Mesohabitat Type

Reservoir	Junction Pool	Riffle	Step Run
Degraded Habitat	Plunge Pool	High Gradient Riffle	Step
Pool	Step Pool	Run	Chute
Complex Pool	Glide	Boulder Run	Cascade

STATE OF CALIFORNIA
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FERC Project No. 2100

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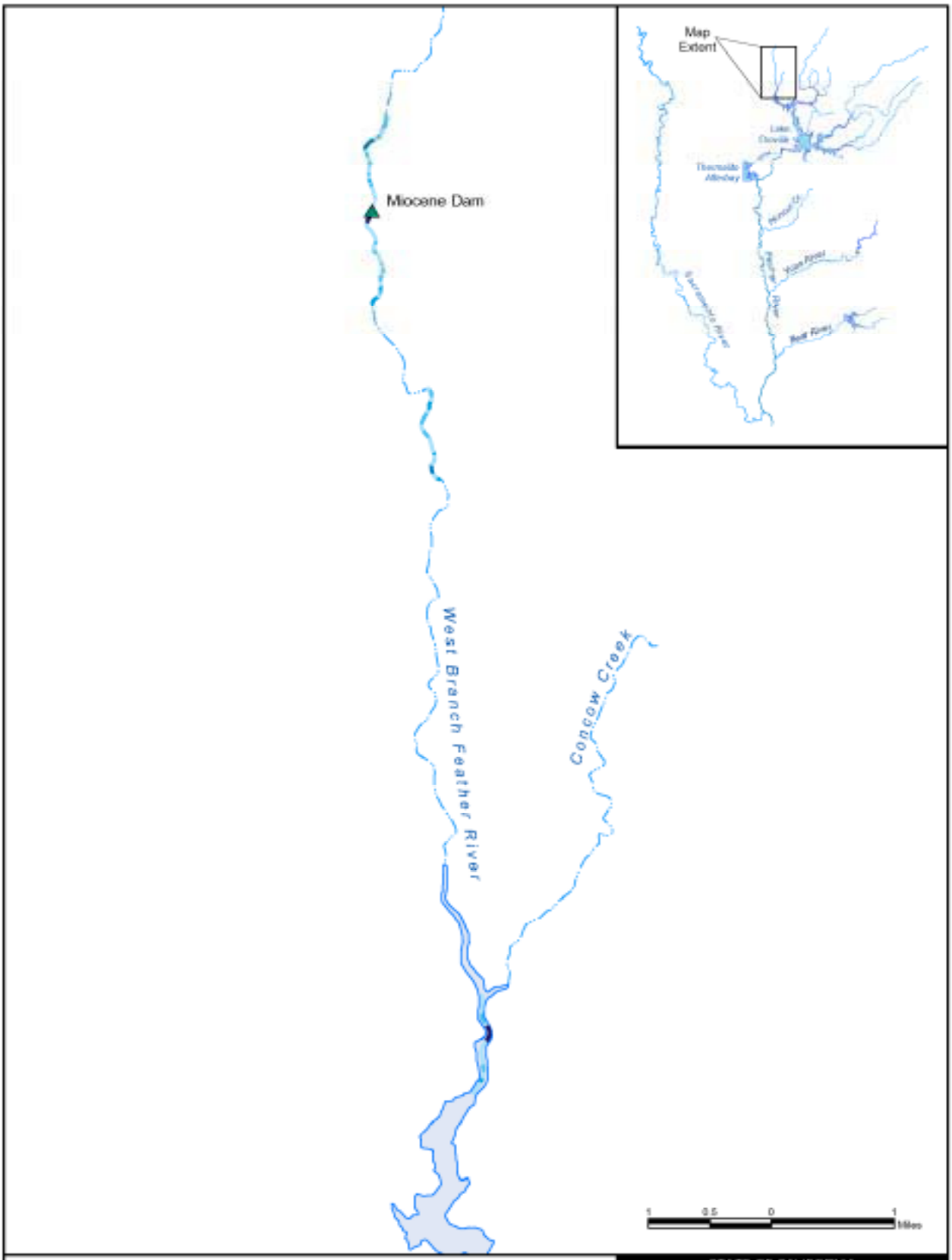
SP-F3.1 Task 1C
Map 3
Mesohabitat:
Middle and South Fork
Feather River

Prepared by: B.F. SWRI | Date: 06-18-03 | Meso_Middle_South_Feather



Legend

▲ Potential fish passage barriers

Average Water Depth

- 0.0 - 2.0 ft.
- 2.1 - 4.0 ft.
- 4.1 - 6.0 ft.
- 6.1 - 8.0 ft.
- 8.1 - 10.0 ft.
- > 10 ft.

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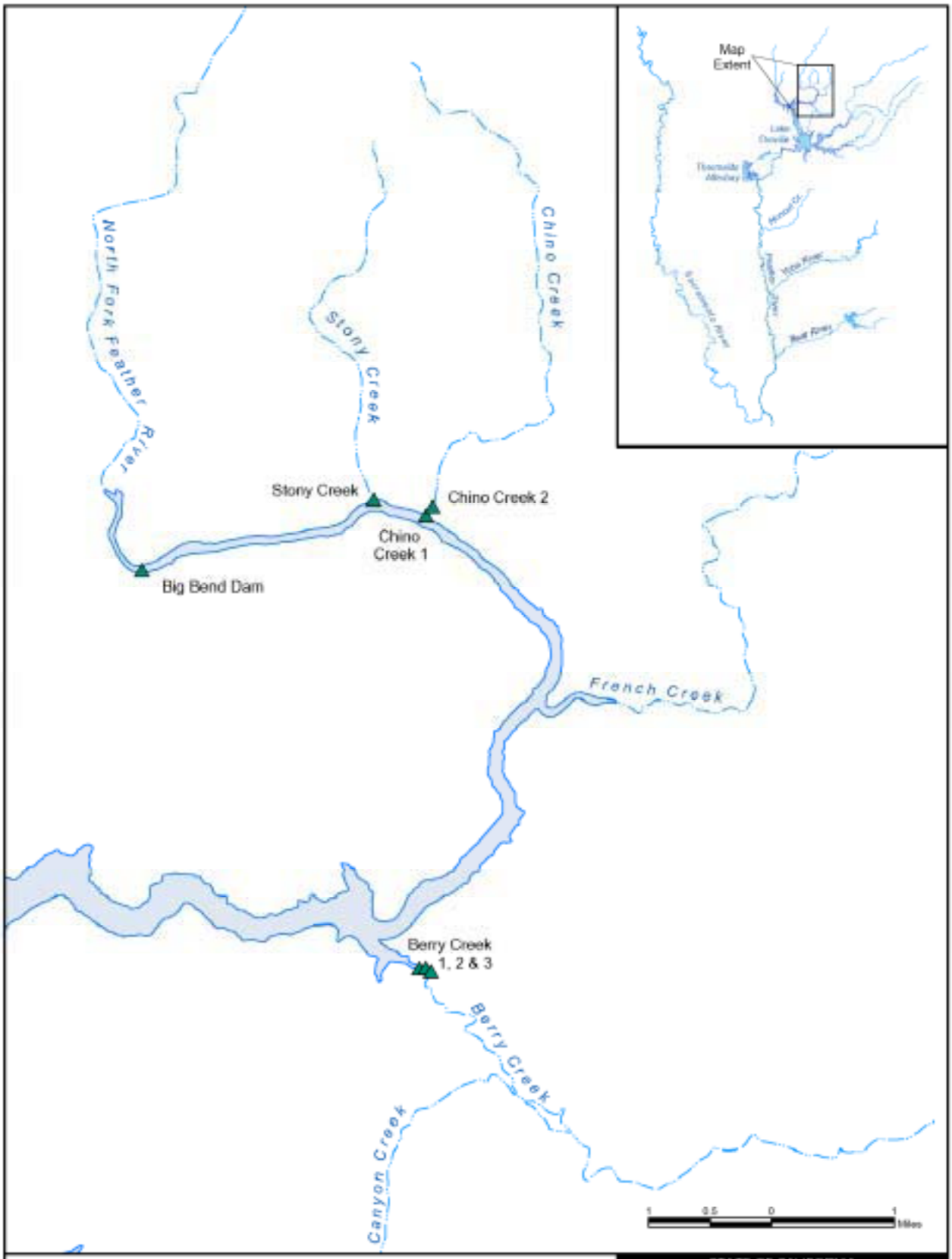
SP-F3.1 Task 1C
Map 4
Average Water Depth:
West Branch Feather River

Prepared by: B.F. SWRI
Date: 06-10-03
Depth_West_Feather



Legend

▲ Potential fish passage barriers

Average Water Depth

- 0.0 - 2.0 ft.
- 2.1 - 4.0 ft.
- 4.1 - 6.0 ft.
- 6.1 - 8.0 ft.
- 8.1 - 10.0 ft.
- > 10 ft.

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FERC Project No. 2100

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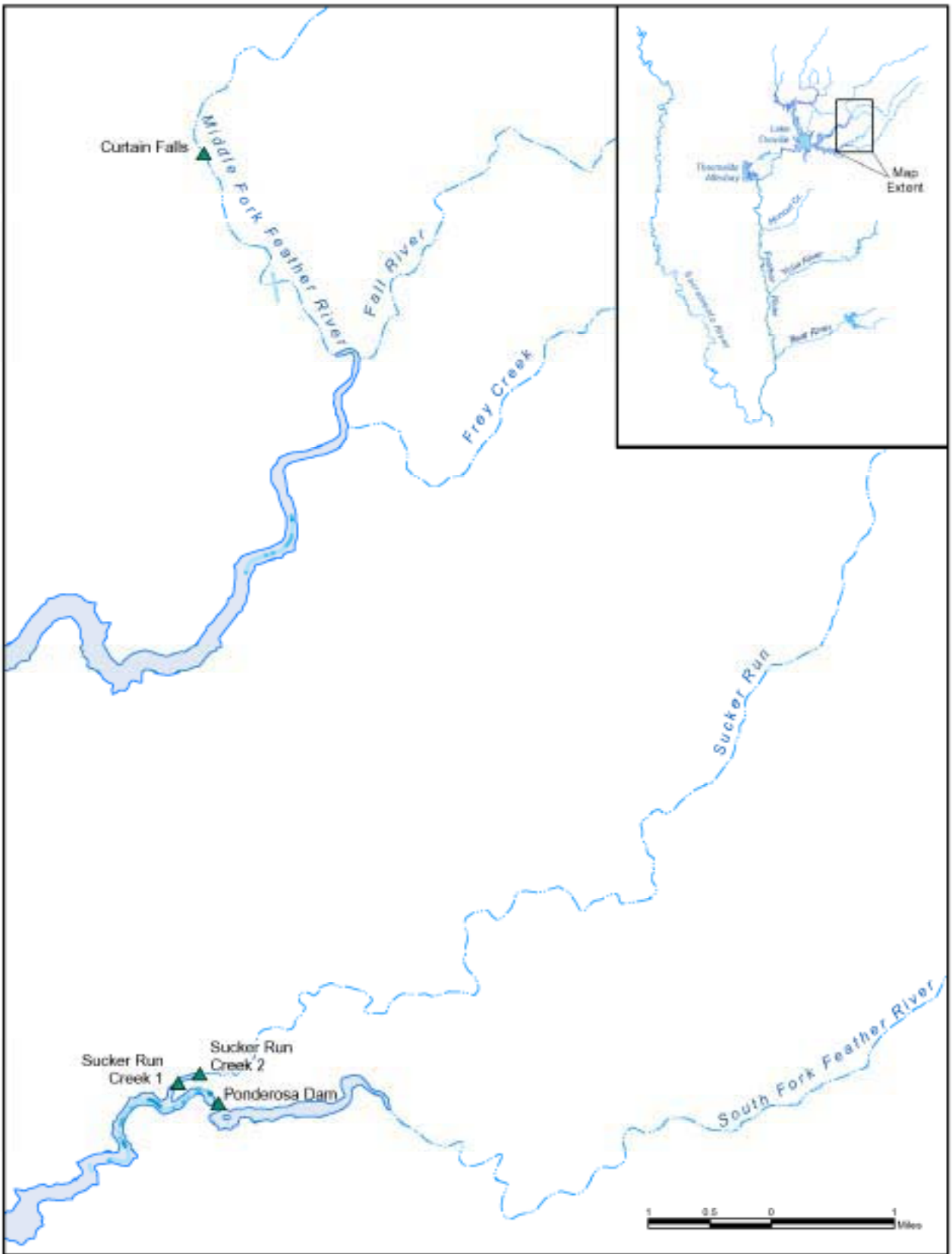
SP-F3.1 Task 1C
Map 5
Average Water Depth:
North Fork Feather River

Prepared by: B.F. SWRI | Date: 06-17-03 | Depth_North_Feather



Legend

▲ Potential fish passage barriers

Average Water Depth

- 0.0 - 2.0 ft.
- 2.1 - 4.0 ft.
- 4.1 - 6.0 ft.
- 6.1 - 8.0 ft.
- 8.1 - 10.0 ft.
- > 10 ft.

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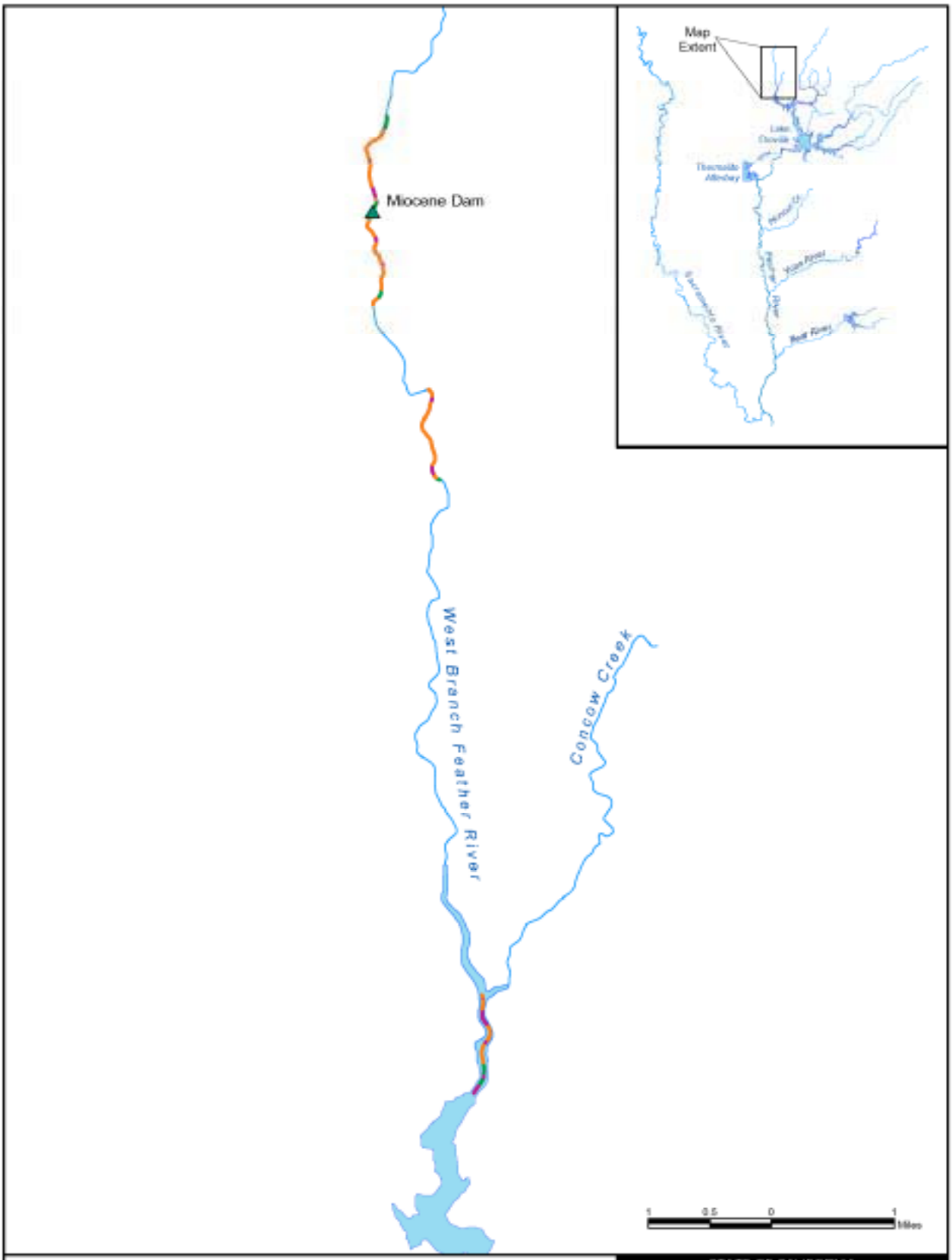
SP-F3.1 Task 1C
Map 6
Average Water Depth:
Middle and South Fork
Feather River

Prepared by: B.F. SWRI
Date: 06-17-03
Depth_Middle_South_Feather



Legend

▲ Potential fish passage barriers

Instream Cover

No apparent cover

Small to medium instream objects/woody debris (<31 cm or 1 ft. in diameter)

Large instream objects/woody debris (>31 cm or 1 ft. in diameter)

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Oroville Facilities Relicensing
FERC Project No. 2100

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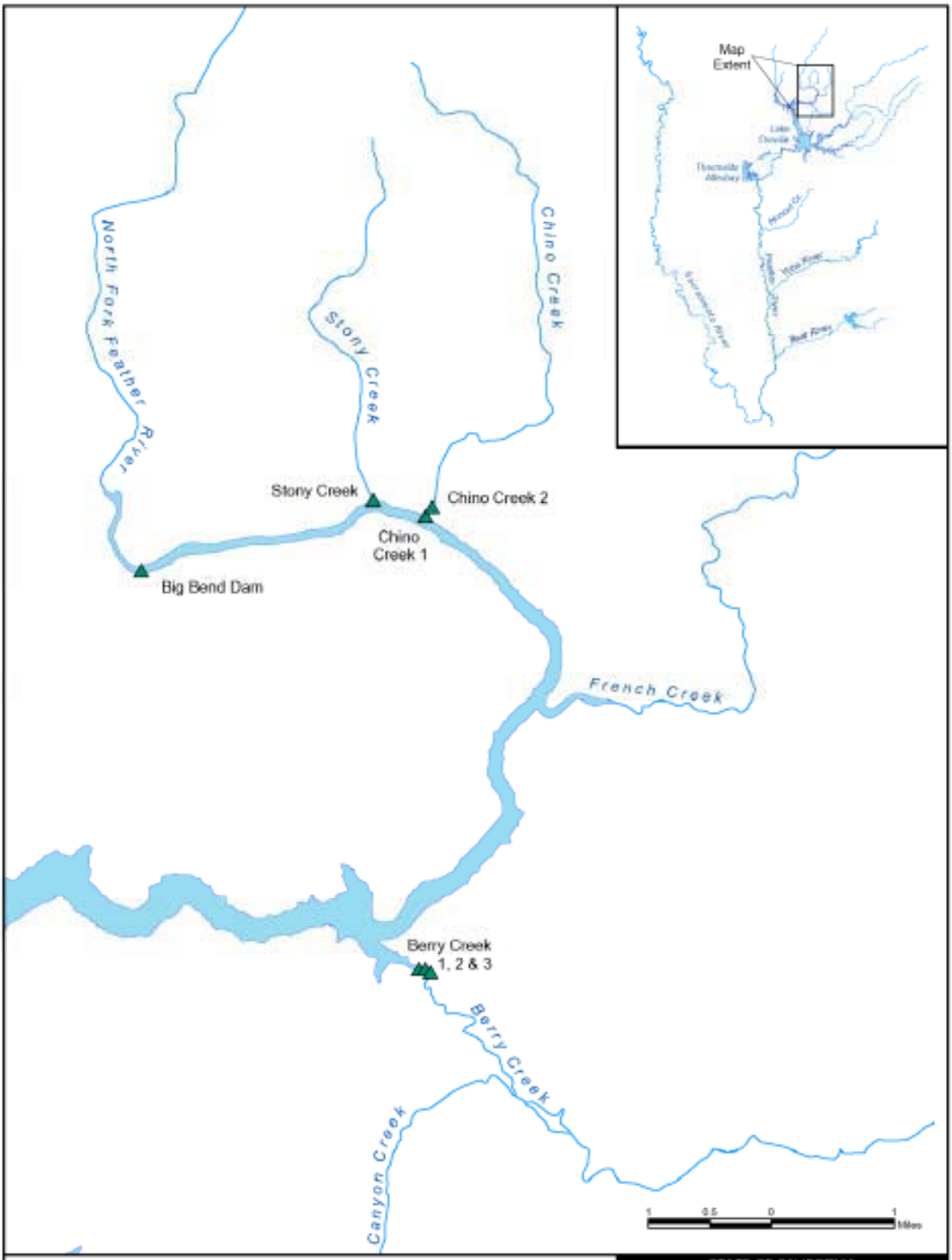
SP-F3.1 Task 1C
Map 7
Instream Cover:
West Branch Feather River

Prepared by: B.F. SWRI | Date: 06-17-03 | Cover_West_Feather



Legend

▲ Potential fish passage barriers

Instream Cover

- No apparent cover
- Small to medium instream objects/woody debris (<31 cm or 1 ft. in diameter)
- Large instream objects/woody debris (>31 cm or 1 ft. in diameter)

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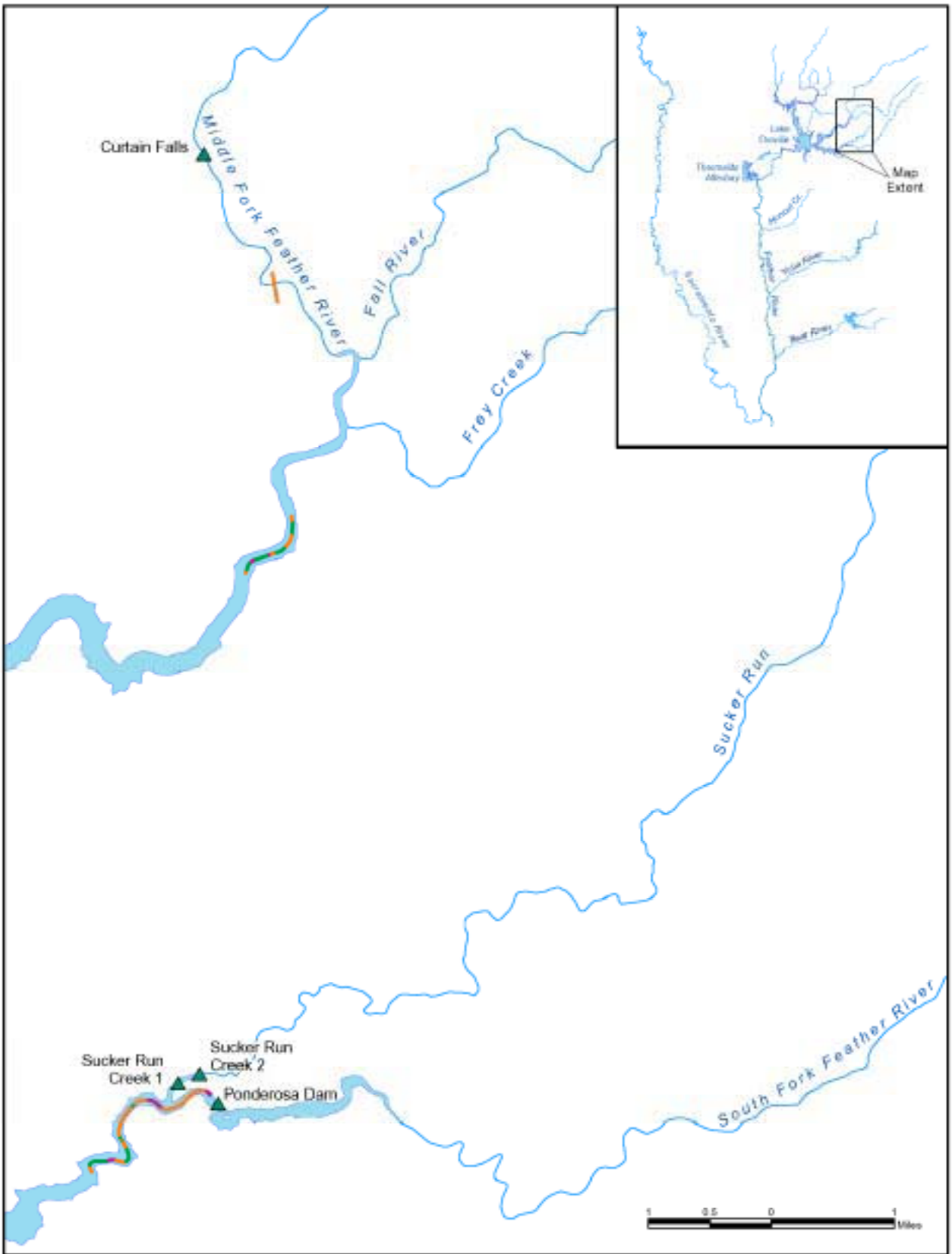
SP-F3.1 Task 1C
Map 8
Instream Cover:
North Fork Feather River

Prepared by: B.F. SWRI | Date: 06-17-03 | Cover_North_Feather



Legend

▲ Potential fish passage barriers

Instream Cover

- No apparent cover
- Small to medium instream objects/woody debris (<31 cm or 1 ft. in diameter)
- Large instream objects/woody debris (>31 cm or 1 ft. in diameter)

STATE OF CALIFORNIA
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FERC Project No. 2100

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SP-F3.1 Task 1C
Map 9
Instream Cover:
Middle and South Fork
Feather River

Prepared by: B.F. SWRI
Date: 06-17-03
Cover_Middle_South_Feather