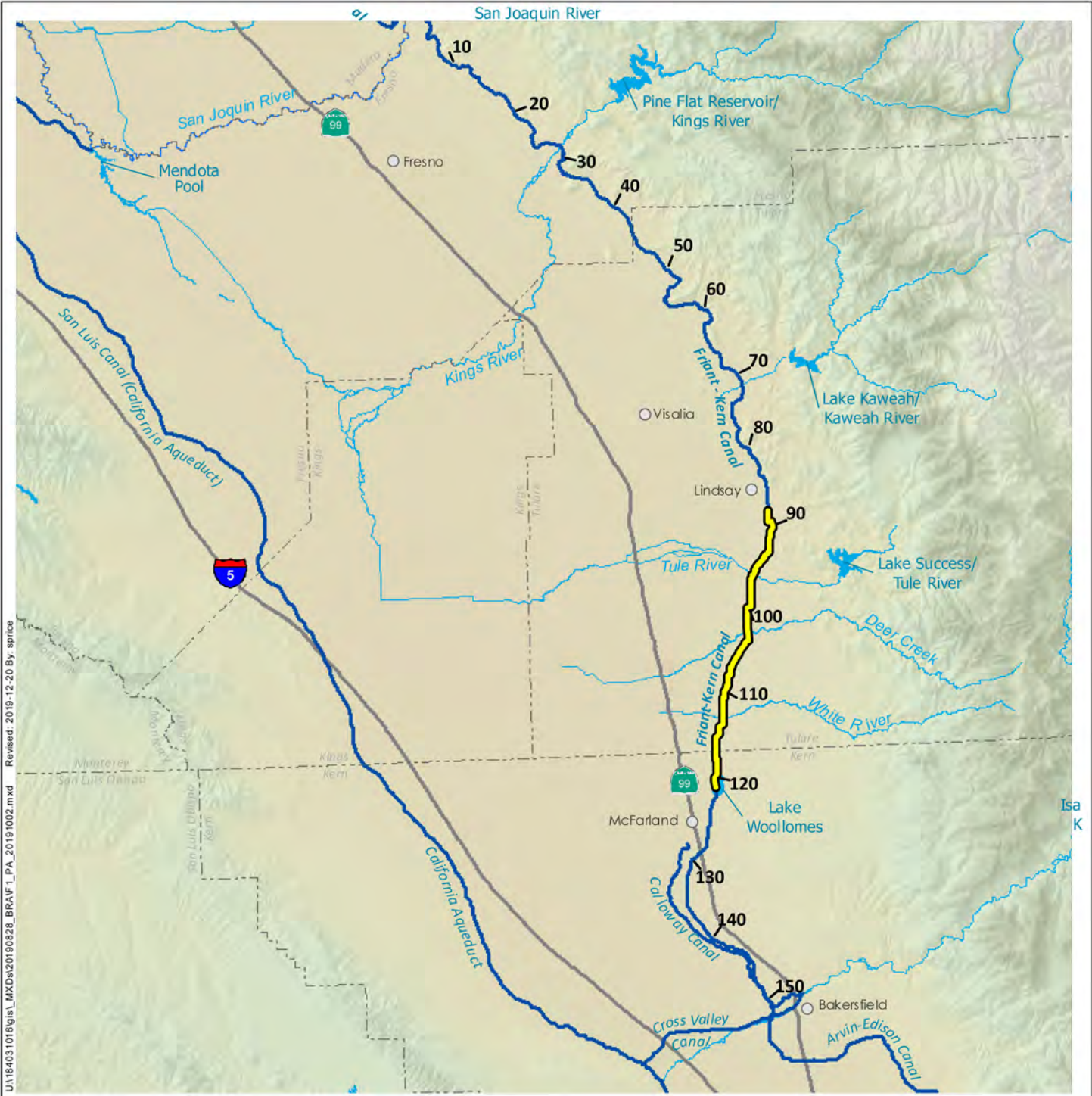


Biological Resources Assessment

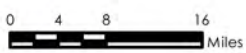
Appendix F, Figures 1-4



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- █ Project Area
- █ Canal / Conveyance
- █ Major Highway
- County Boundaries
- Cities
- █ -90 Canal Mile Post



1:1,013,760 (At Original document size of 8.5 x 11)



Figure No. **1 Project Location**

Project Location
 Tulare and Kern Counties, CA
7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

1840031016

Prepared by SCP on 2019-08-28
 Technical Review by MW on 2019-10-02
 Updated by SCP on 2019-12-20

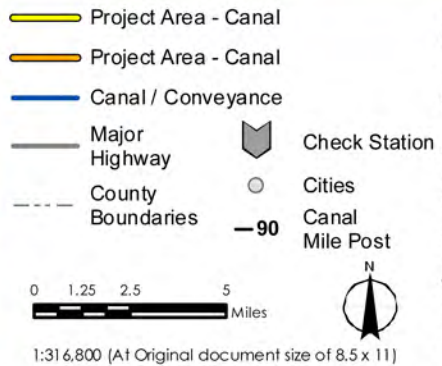
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity Correction
 Project - Biological Resources Assessment

- Notes**
1. Coordinate System: NAD 1983 UTM Zone 10N
 2. Stantec, 2019, ESRI Major Roads

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Figure No. 2 Project Components

Project Location
 Tulare and Kern Counties, CA
7.5 USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

1840031016
 Prepared by SCP on 2019-08-28
 Technical Review by MW on 2019-10-02
 Updated by SCP on 2019-12-20

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity Correction
 Project - Biological Resources Assessment

Notes
 1. Coordinate System: NAD 1983 UTM Zone 10N
 2. Stantec, 2019, ESRI Major Roads

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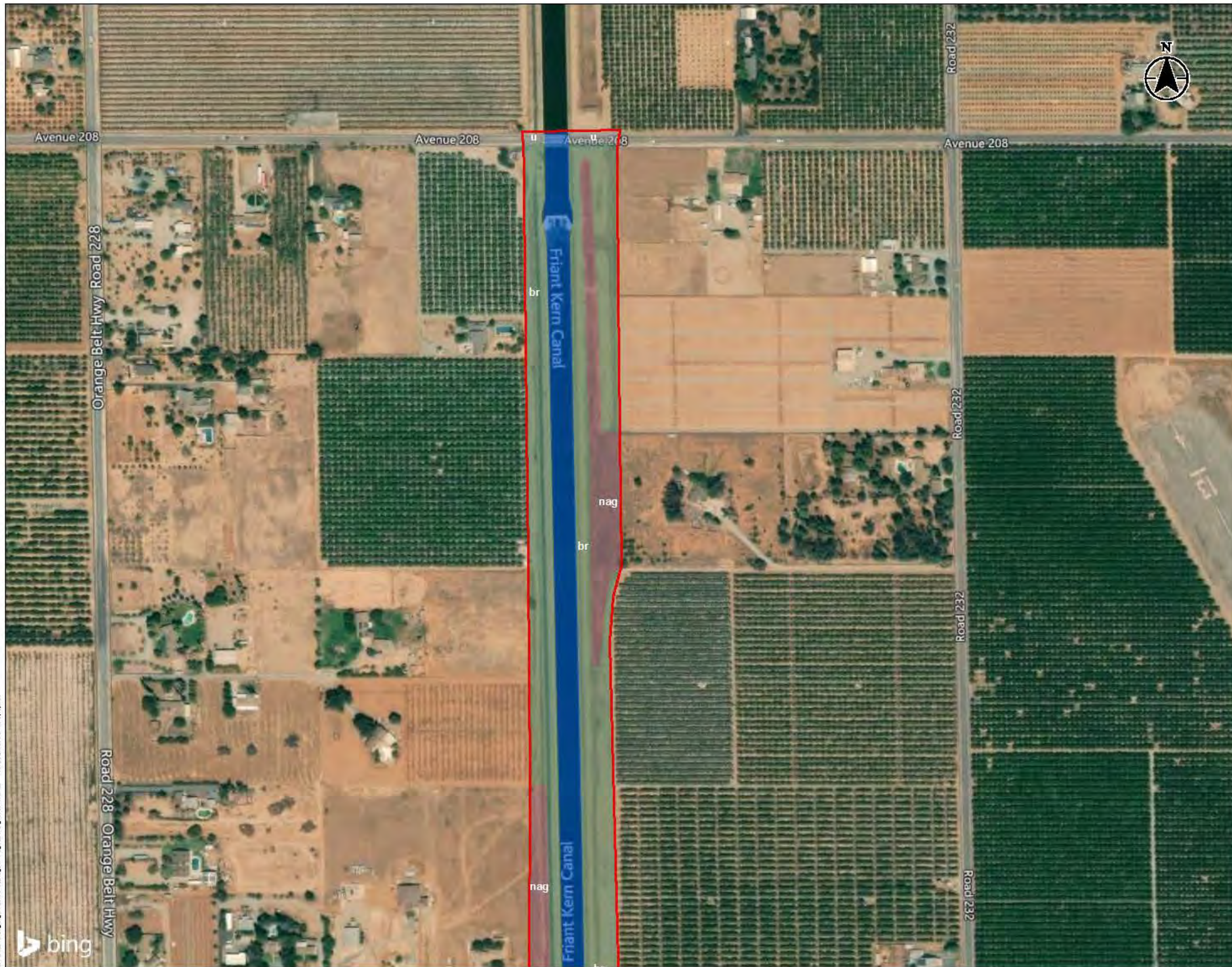
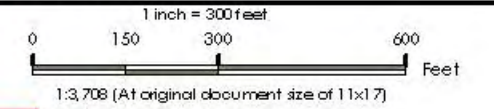


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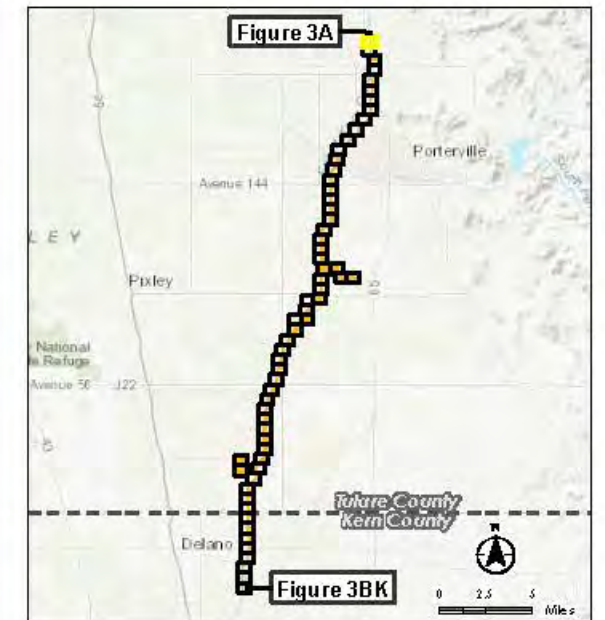
Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location 184031016
Tulare and Kern Counties, CA Prepared by SCP on 2020-01-29
7.5 USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)



- Project Area
- Habitat**
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane, California N FIPS 404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoimagery Bing Maps 2019

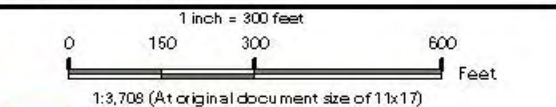




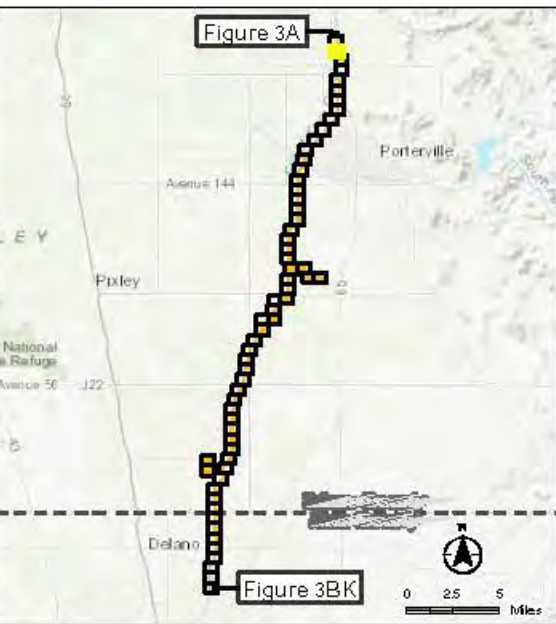
Figure No. 3B
 Title: Habitats within the Project Area

Client/Project: Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location: Tulare and Kern Counties, CA
 7.5' USGS Quadrangles: Porterville, California (1971); Sausalito School, California (1971); Ducor, California (1972)
 184031016
 Repered by SCP on 2020-01-29



- Project Area
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoimagery Bing Maps, 2019



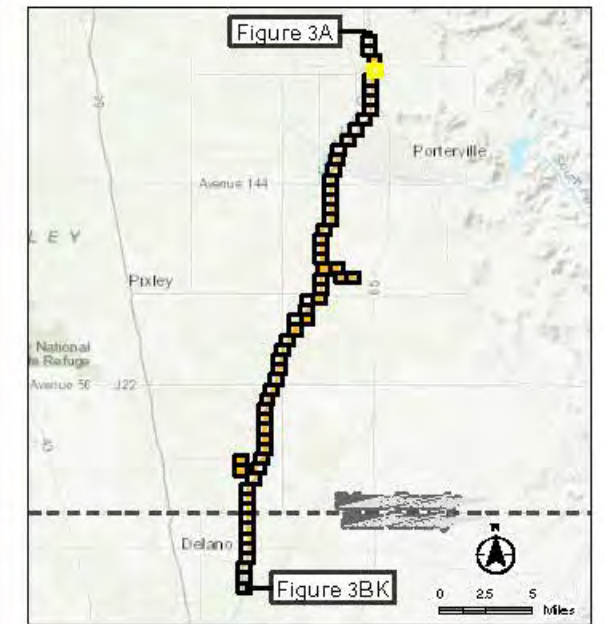
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Figure No. 3D
 Title Habitats within the Project Area
 Client/Project Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment
 Project Location Tulare and Kern Counties, CA 184031016
 7.5' USGS Quadrangles Referred by SCP on 2020-01-29
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duocor, California (1972)



- Project Area
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomogery Bing Maps, 2019



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 Date: 2/10/2020 10:50:00 AM



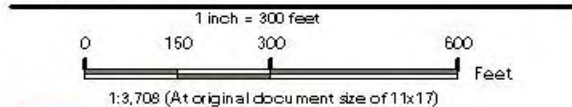
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3E

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Revised by SC Pon 2020-01-29



- Project Area
- Agriculture – Field Crop (afc)
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomageary Bing Maps, 2019



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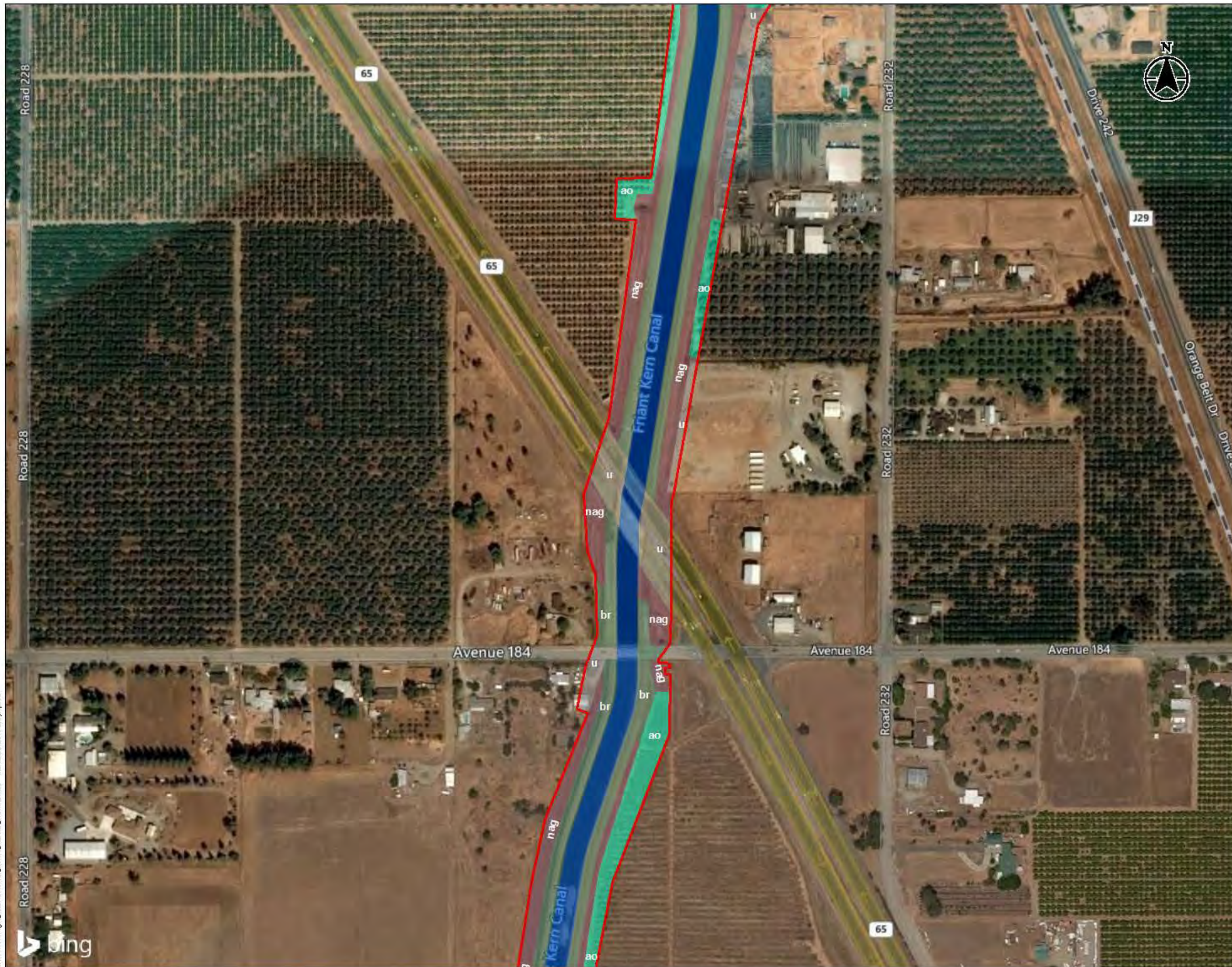


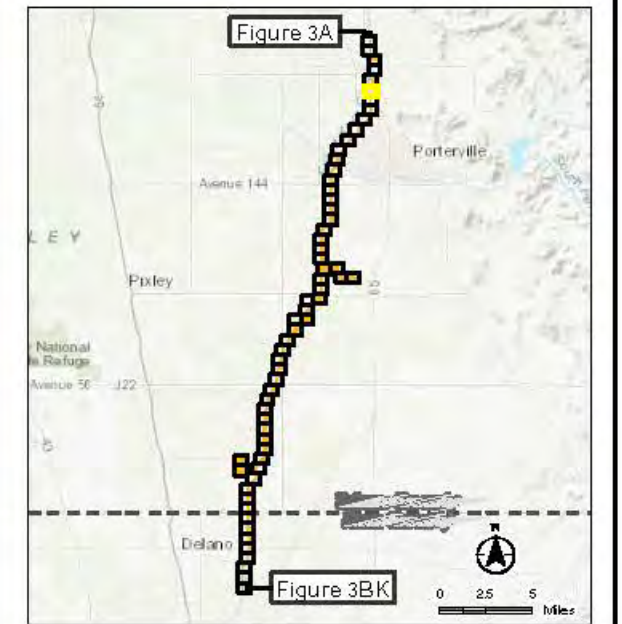
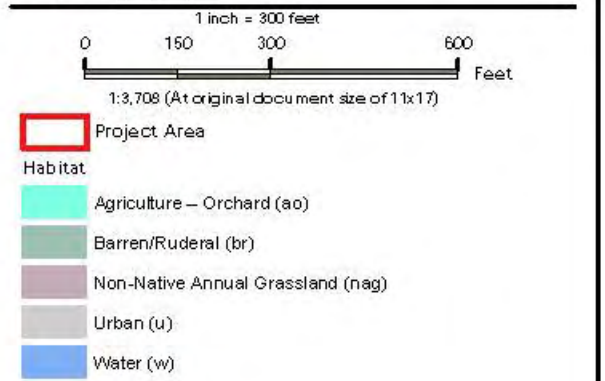
Figure No.
3F

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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Figure No.
3G

Title
Habitats within the Project Area

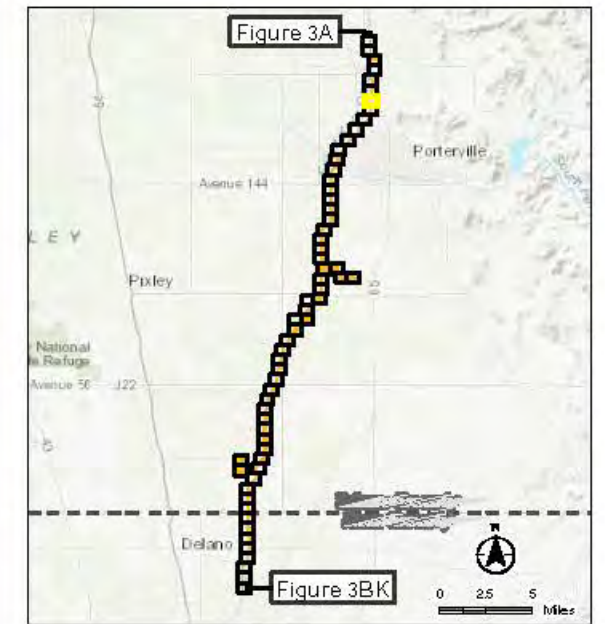
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



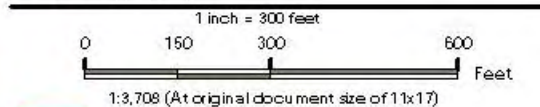
- Notes
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 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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Figure No. 3H
 Title Habitats within the Project Area
 Client/Project Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment
 Project Location Tulare and Kern Counties, CA 184031016
 7.5' USGS Quadrangles Repered by SCP on 2020-01-29
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duoor, California (1972)



- Project Area
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoimagery Bing Maps, 2019



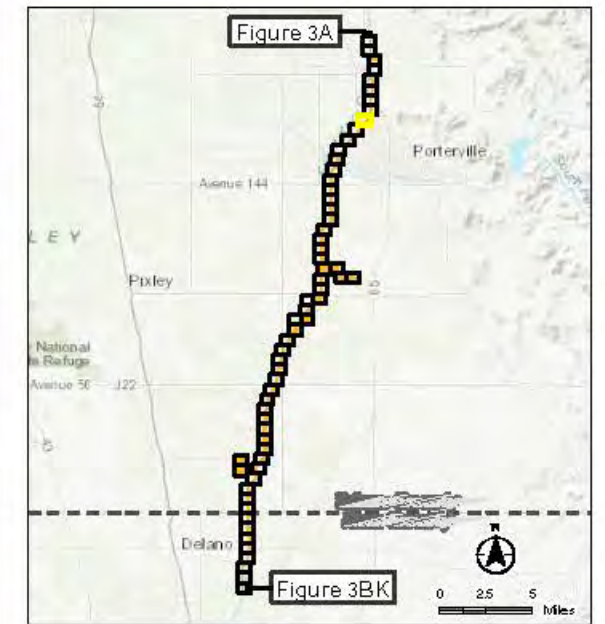
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Figure No. 31
 Title Habitats within the Project Area
 Client/Project Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment
 Project Location 184031016
 Tulare and Kern Counties, CA Repered by SC Pon 2020-01-29
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duoor, California (1972)



- Project Area
- Habitat
- Agriculture – Fallow (af)
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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Figure No.
3J

Title
Habitats within the Project Area

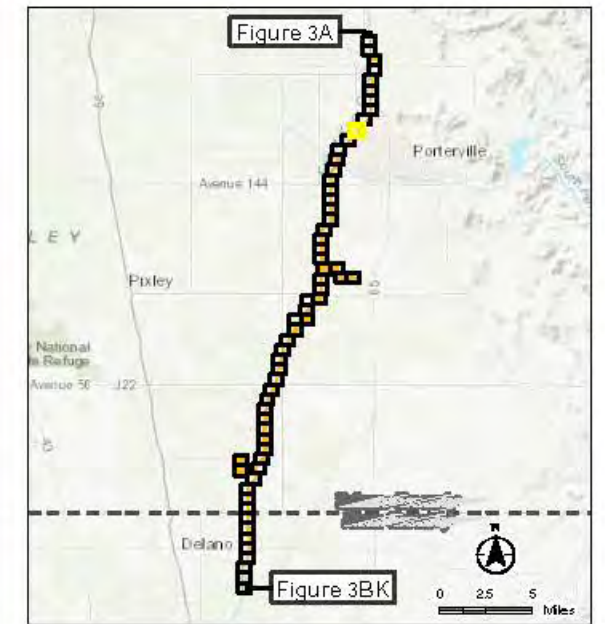
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duocor, California (1972)

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- Project Area
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoimagery Bing Maps, 2019



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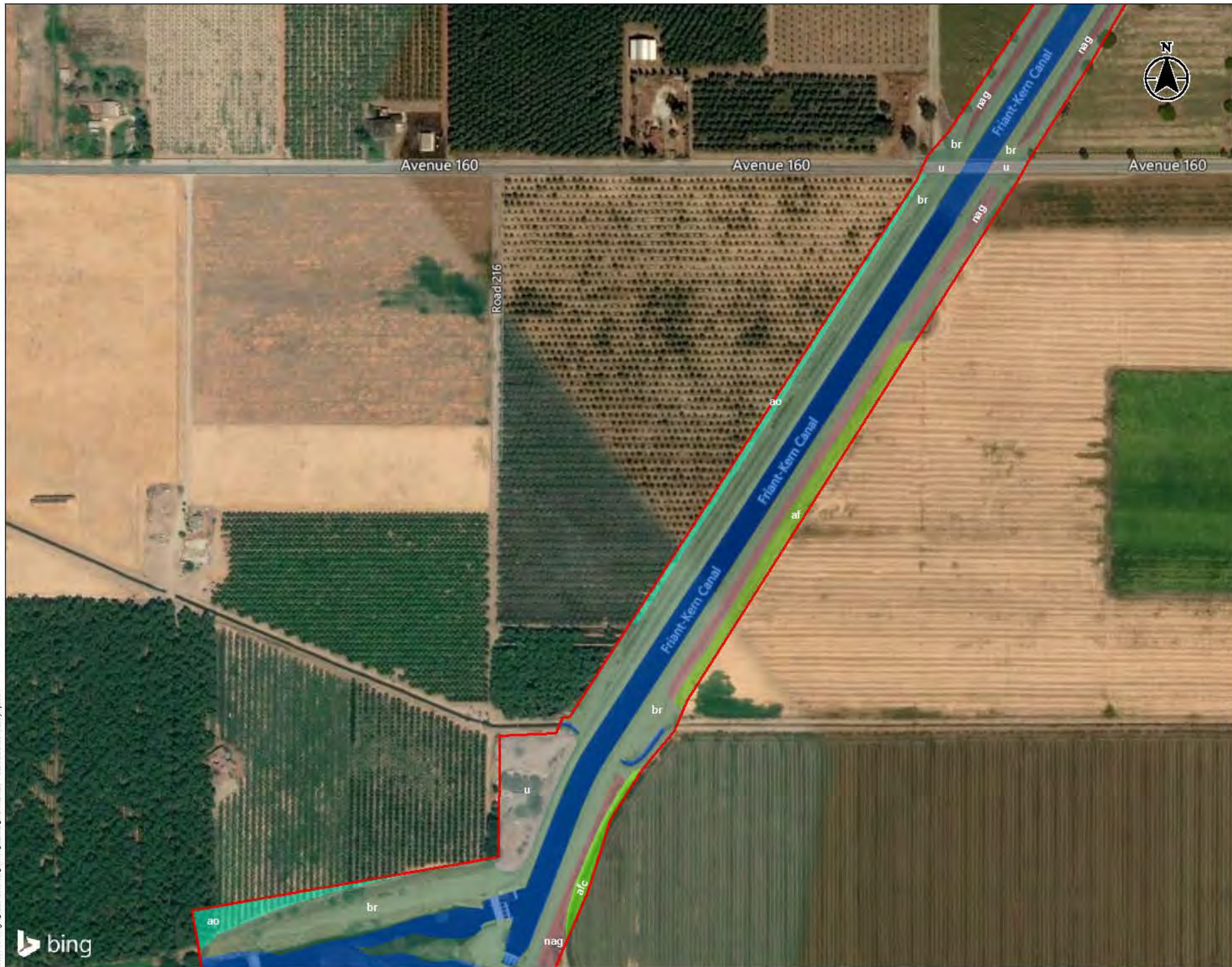


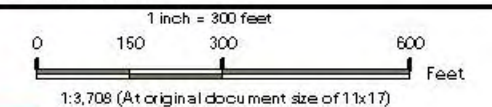
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Title
Habitats within the Project Area

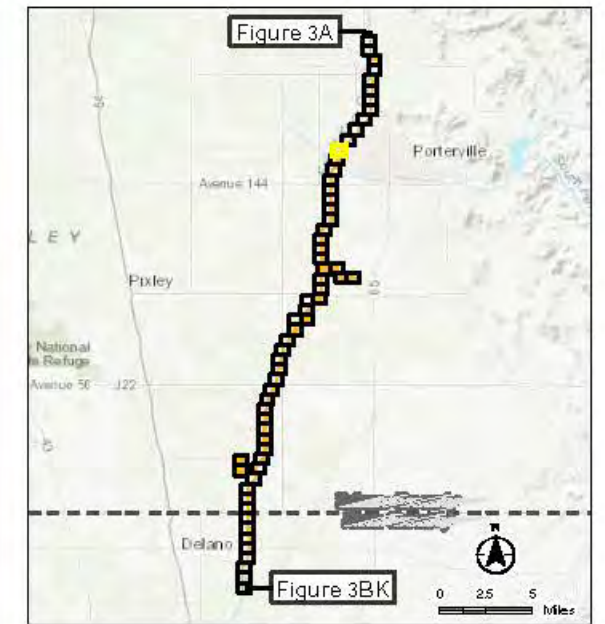
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Habitat
- Agriculture - Fallow (af)
- Agriculture - Field Crop (afc)
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthimagery Bing Maps, 2019



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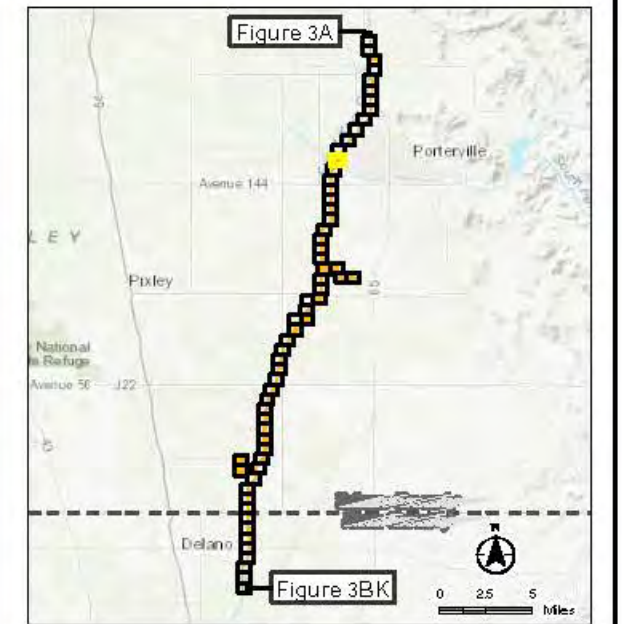
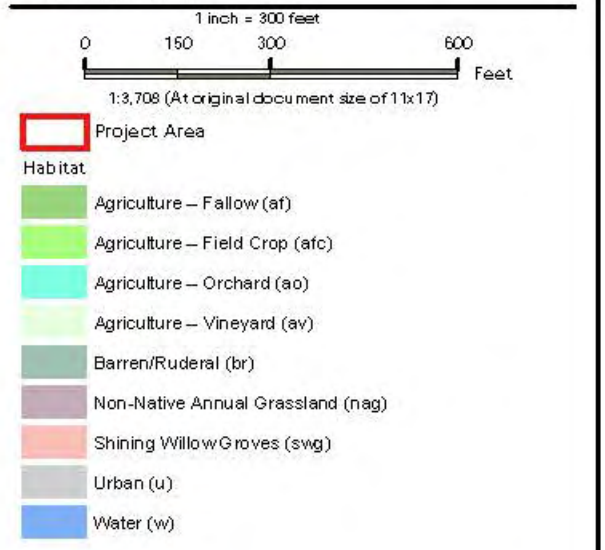
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3M

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomageary Bing Maps, 2019



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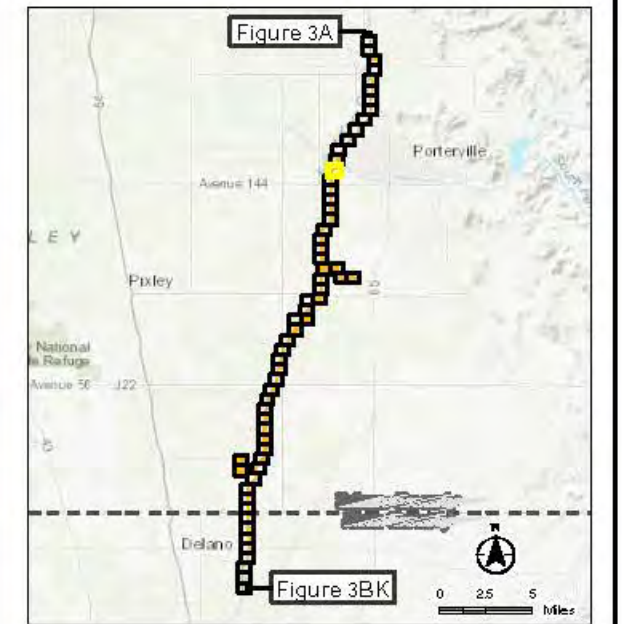
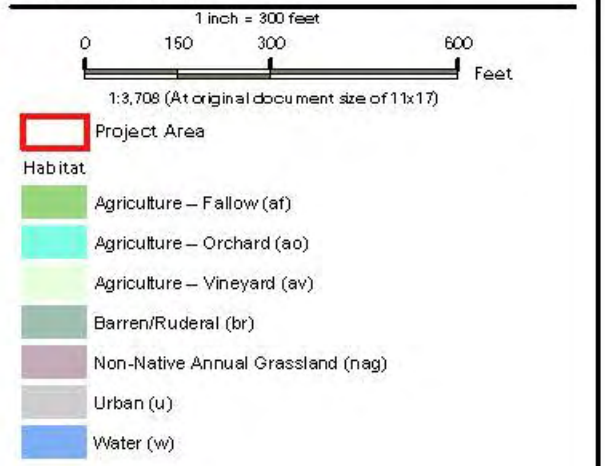
Figure No.
3N

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Revised by SC Pon 2020-01-29



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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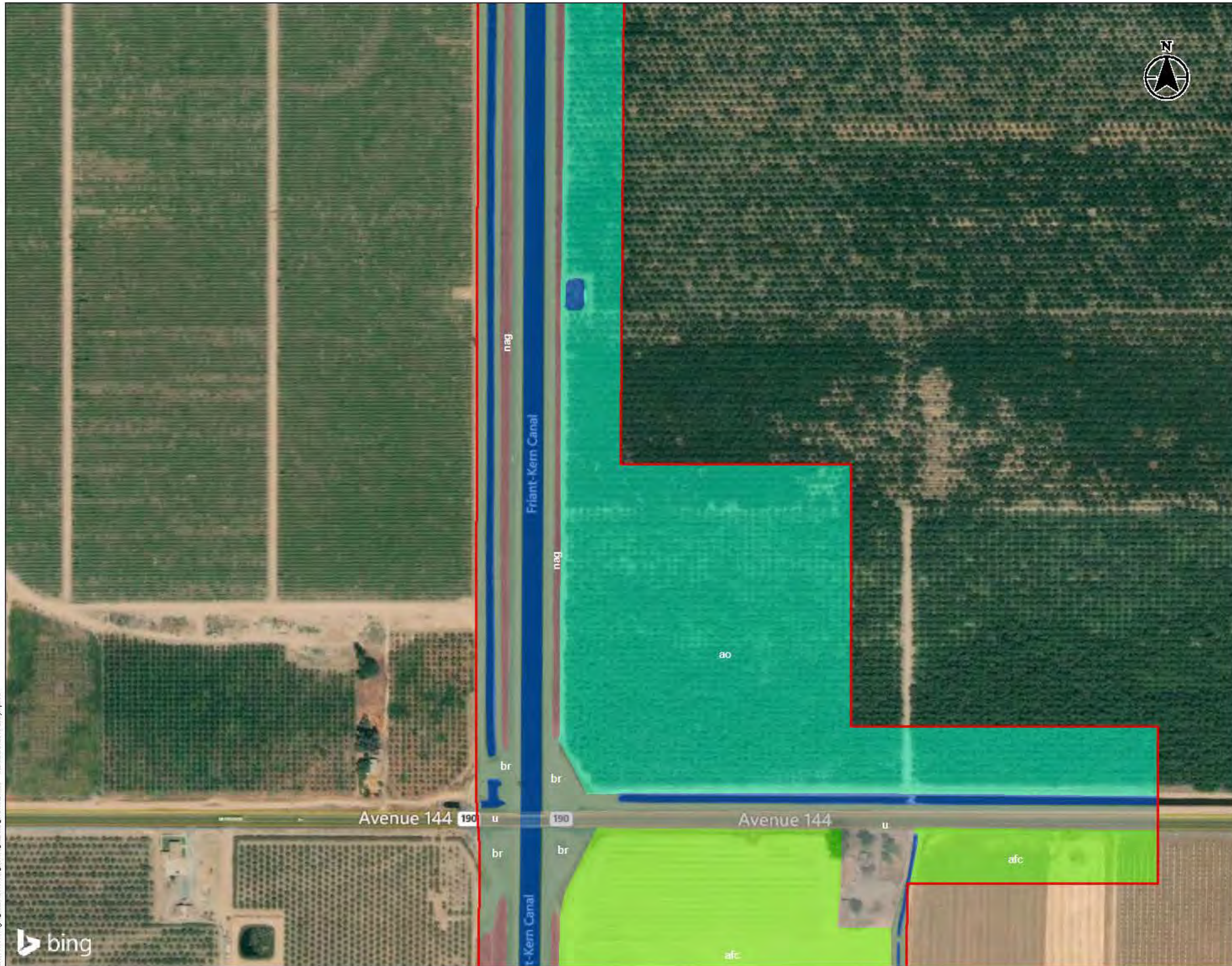


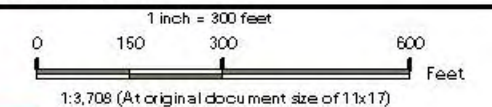
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30

Title
Habitats within the Project Area

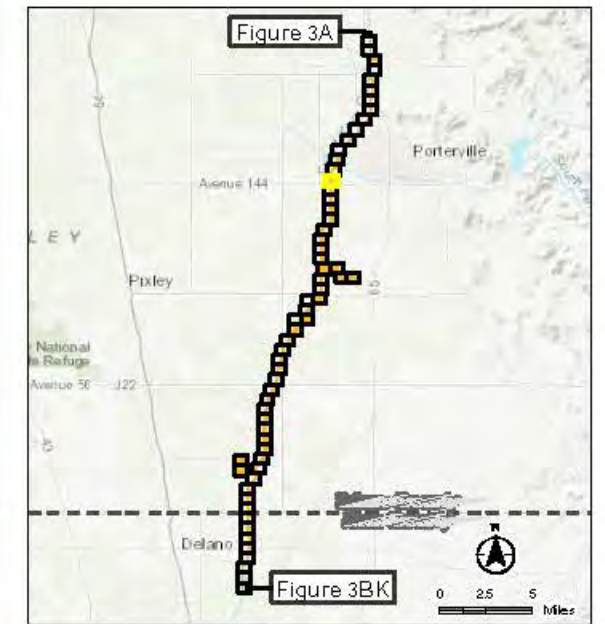
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Revised by SCP on 2020-01-29



- Project Area
- Agriculture – Field Crop (afc)
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomogery Bing Maps, 2019



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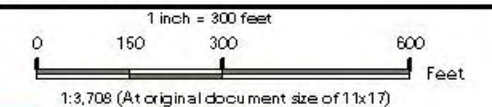
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Title
Habitats within the Project Area

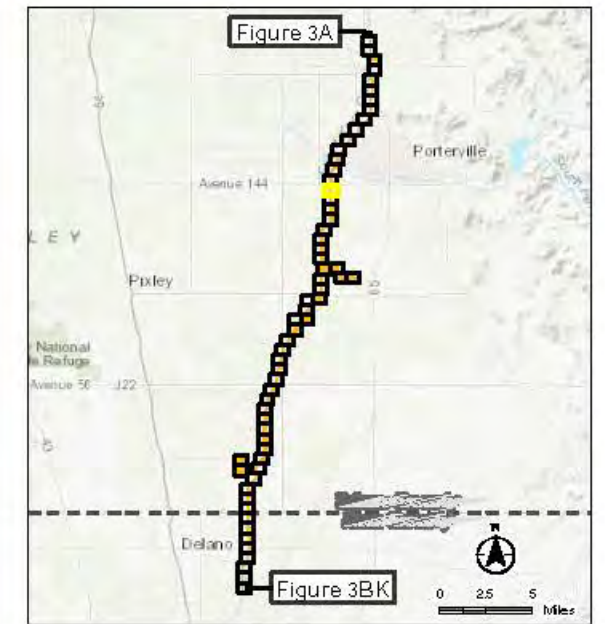
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Revised by SCP on 2020-01-29



- Project Area
- Agriculture – Field Crop (afc)
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomogery Bing Maps, 2019



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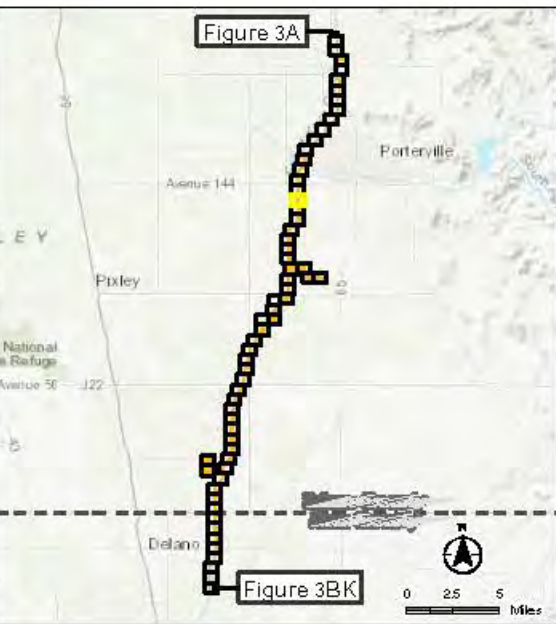
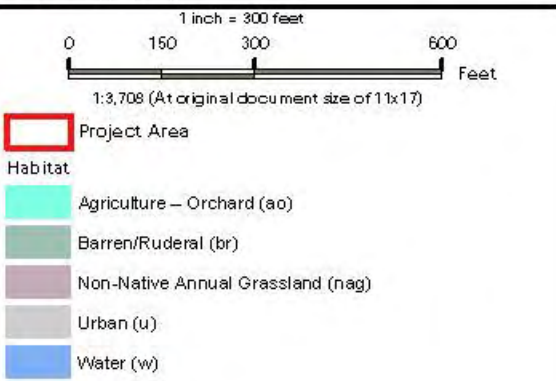
Figure No.
3Q

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

184031016
 Repered by SCP on 2020-01-29



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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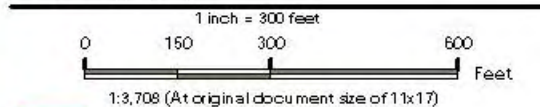
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Title
Habitats within the Project Area

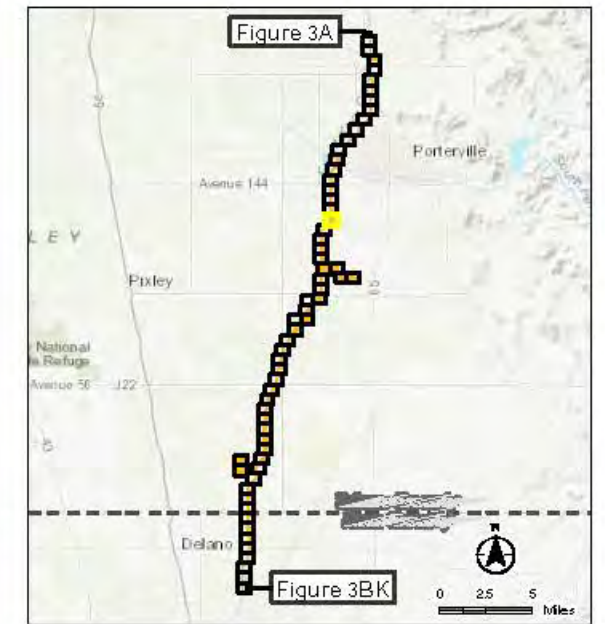
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Revised by SC Pon 2020-01-29



- Project Area
- Agriculture – Field Crop (afc)
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- California Buckwheat Scrub (cbs)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthoimagery Bing Maps, 2019



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Figure No.
3U

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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- Project Area
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomogery Bing Maps, 2019



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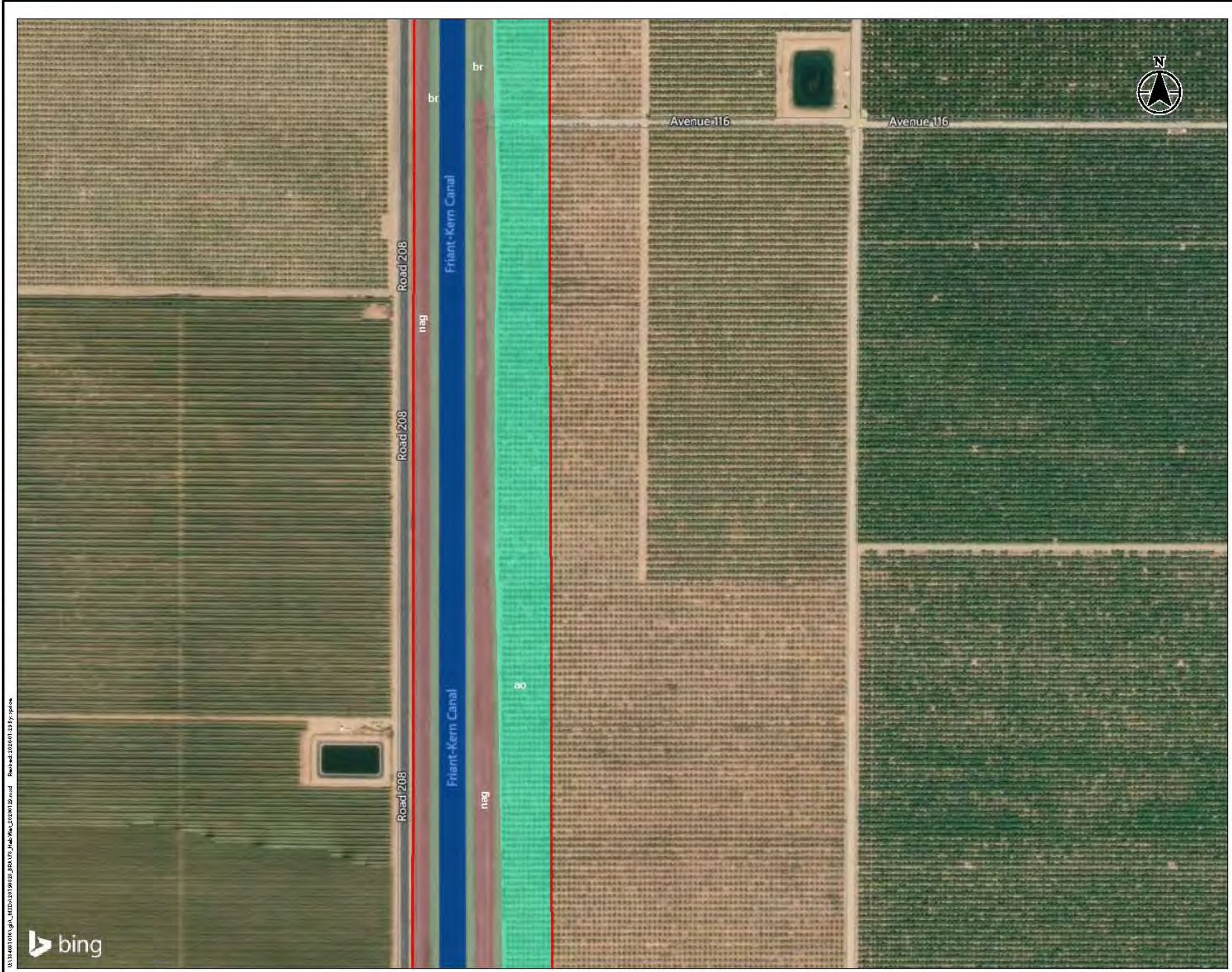


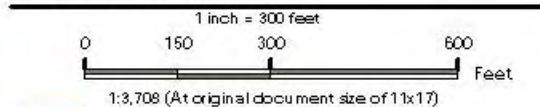
Figure No.
3V

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Habitat
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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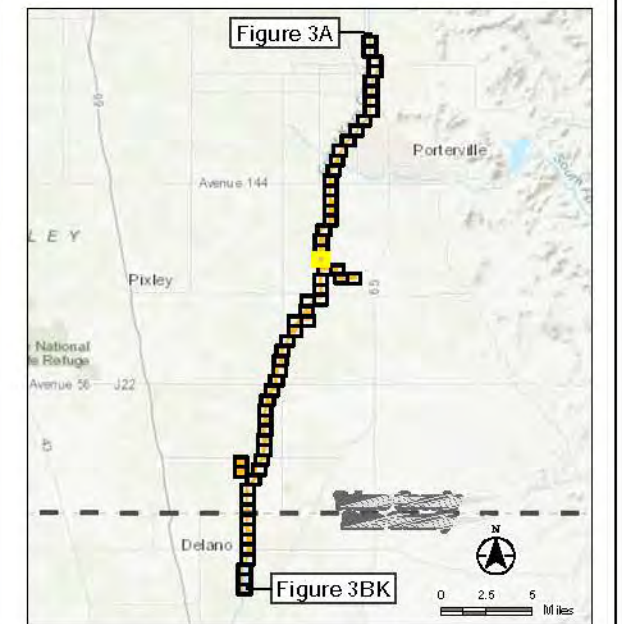
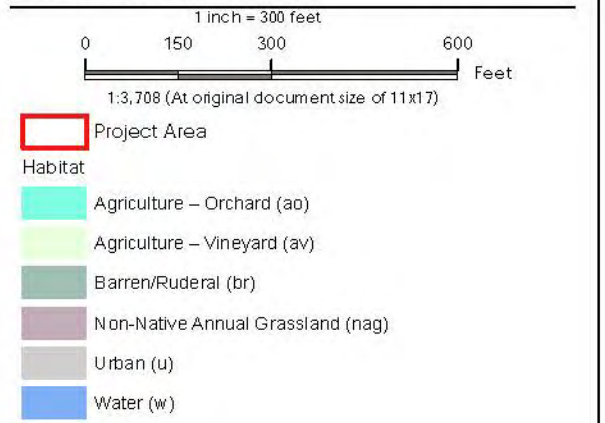
Figure No.
3W

Title
Habitats within the Project Area

Client/Project
**Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment**

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthoimagery Bing Maps, 2019





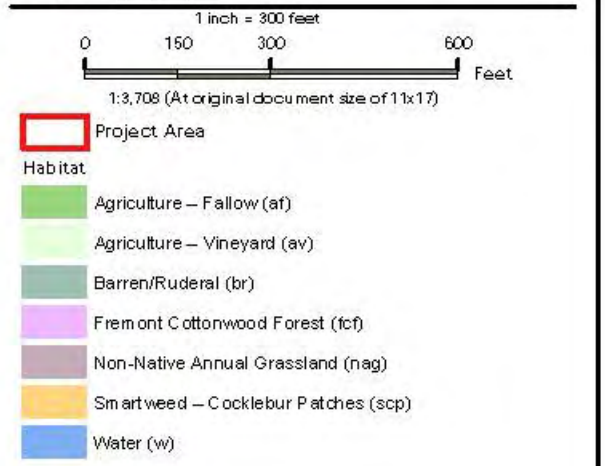
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3X

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthoregistry Bing Maps, 2019



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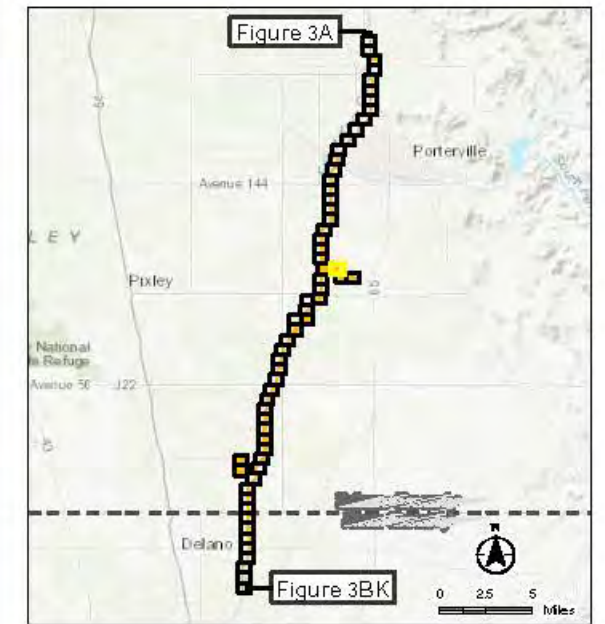
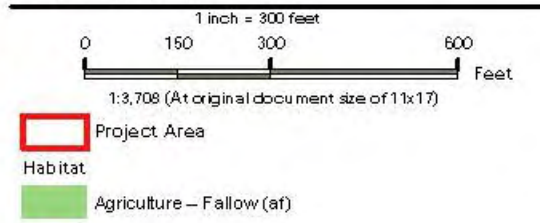
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3Y

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomageary Bing Maps, 2019



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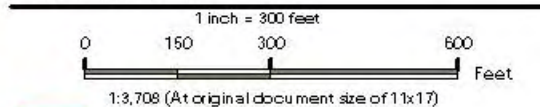
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3Z

Title
Habitats within the Project Area

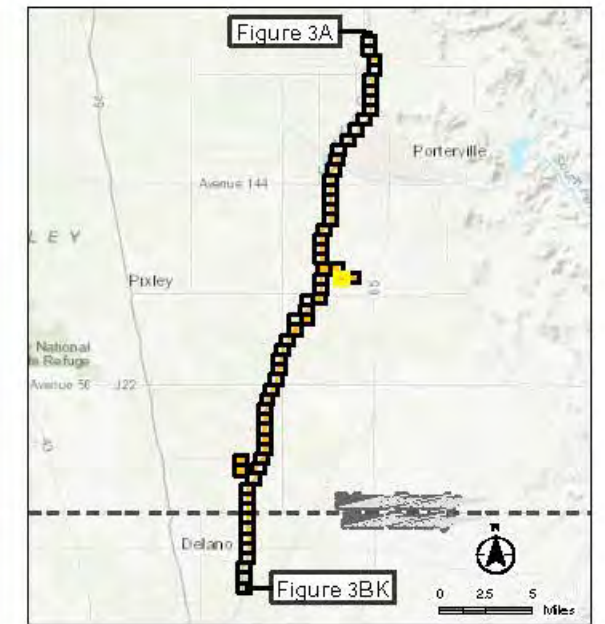
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Agriculture - Fallow (af)
- Agriculture - Orchard (ao)
- Non-Native Annual Grassland (nag)



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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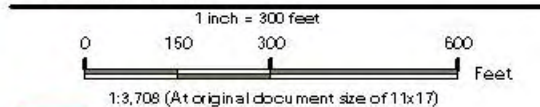
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Title
Habitats within the Project Area

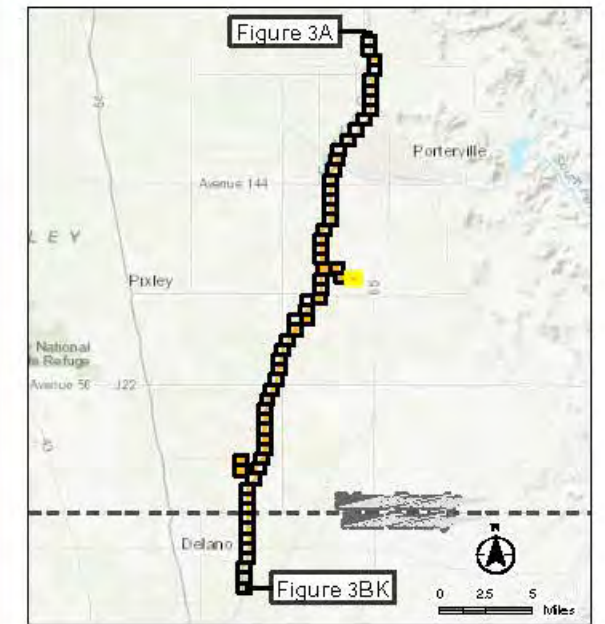
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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- Project Area
- Agriculture - Fallow (af)
- Agriculture - Orchard (ao)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthimagery Bing Maps, 2019



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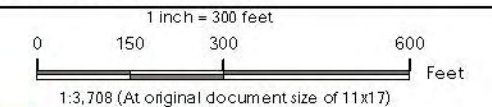
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Title
Habitats within the Project Area

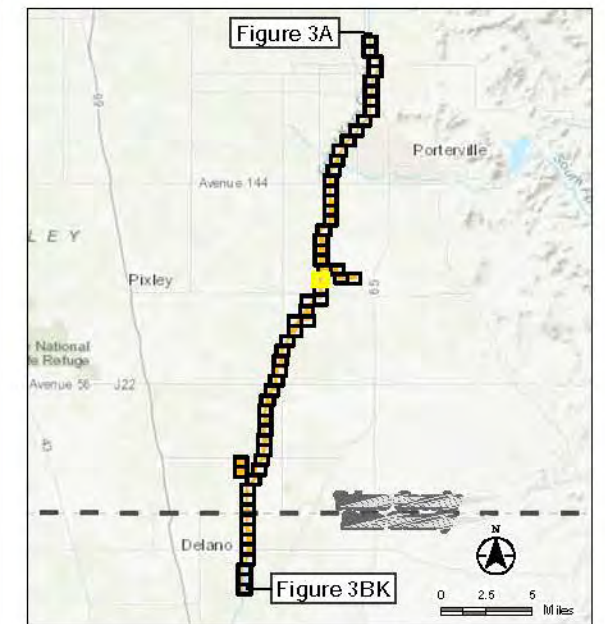
Client/Project
**Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment**

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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- Project Area
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Fremont Cottonwood Forest (fcf)
- Mulefat Thickets (mt)
- Non-Native Annual Grassland (nag)
- Smartweed - Cocklebur Patches (scp)
- Water (w)



Notes

1. Coordinate System: NAD 1983 StatePlane, California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthoimagery Bing Maps, 2019



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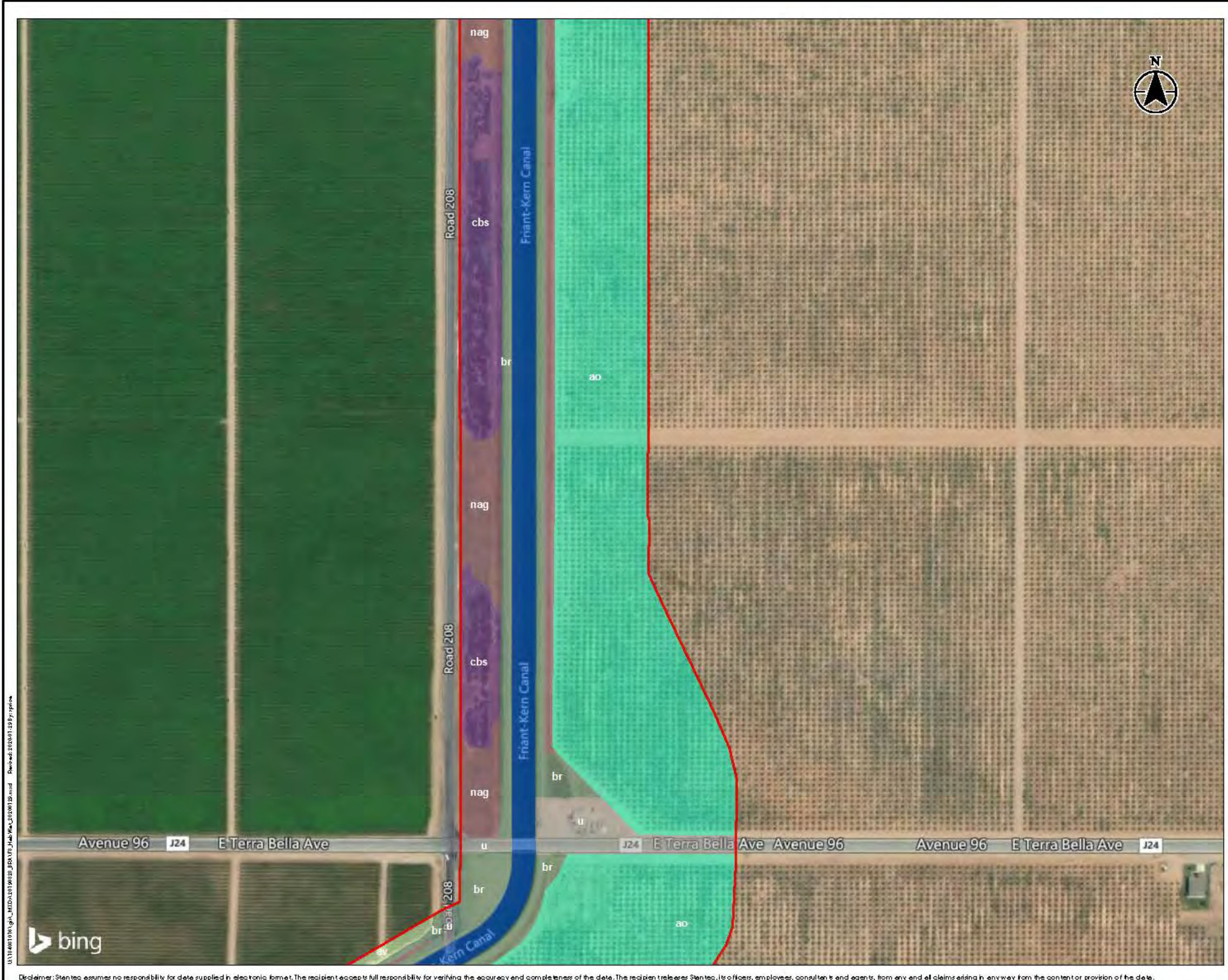


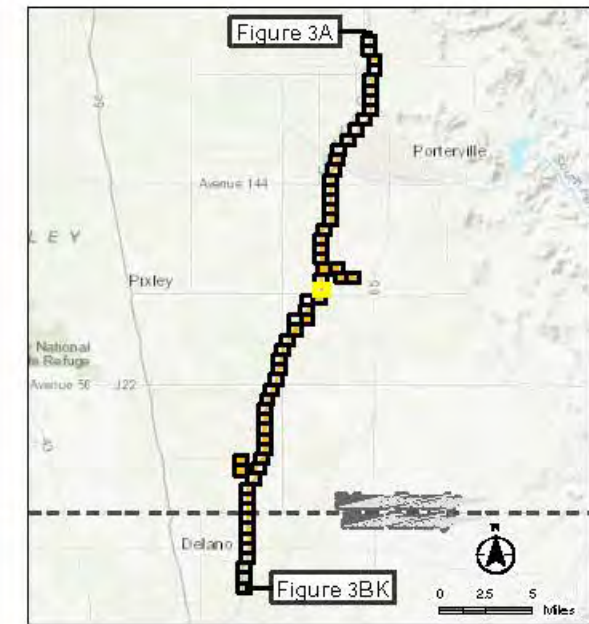
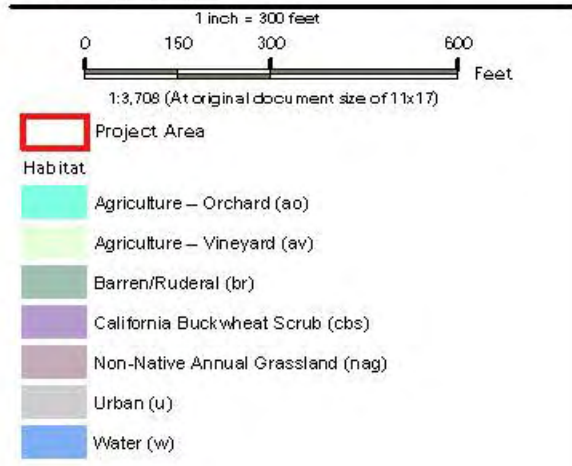
Figure No.
3AC

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomageary Bing Maps, 2019



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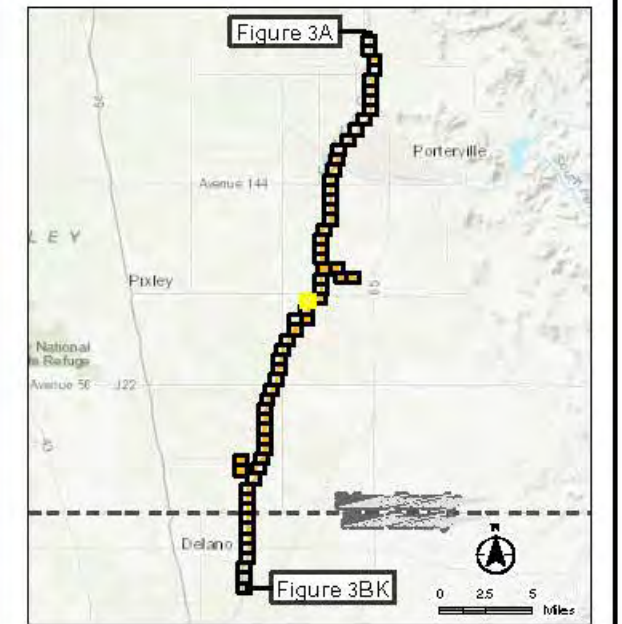
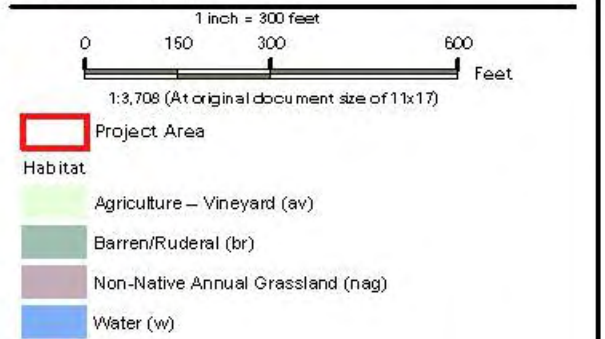
Figure No.
3AD

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duoor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



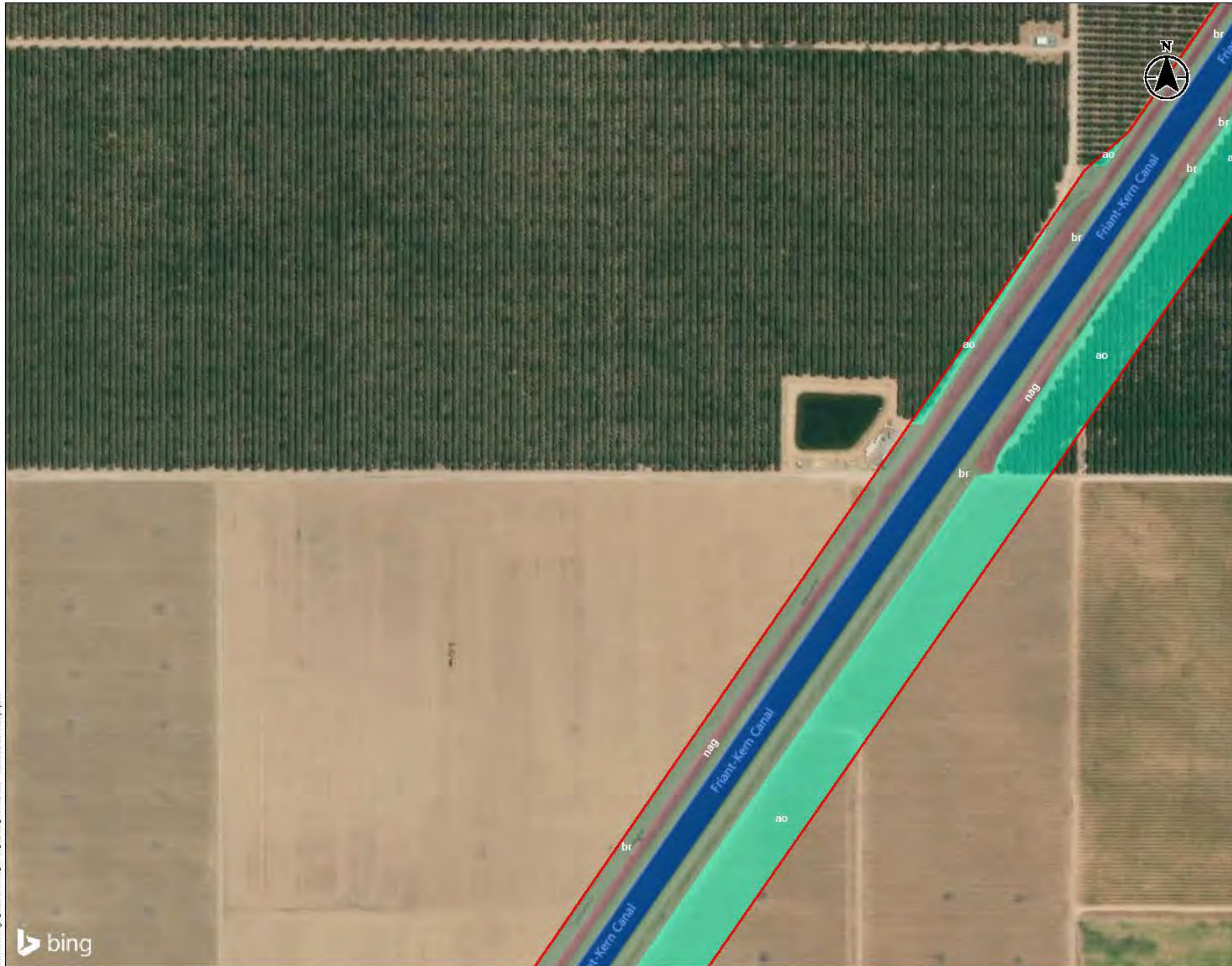


Figure No.
3AG

Title
Habitats within the Project Area

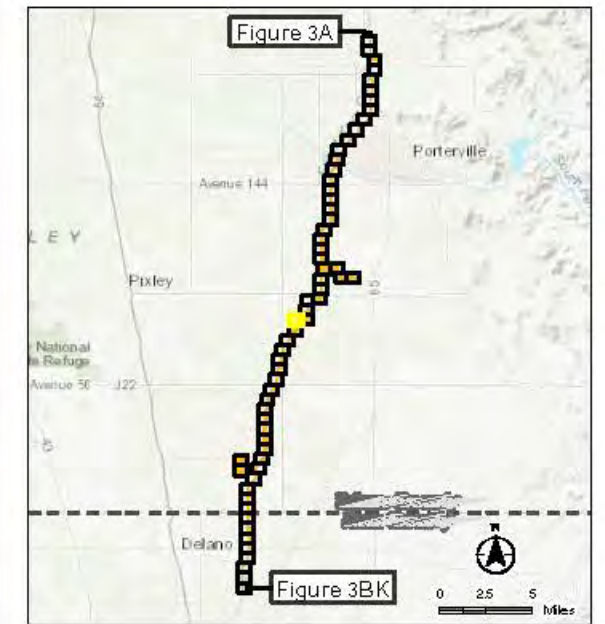
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duoor, California (1972)

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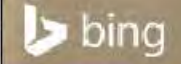
- Project Area
- Habitat
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoregistry Bing Maps, 2019



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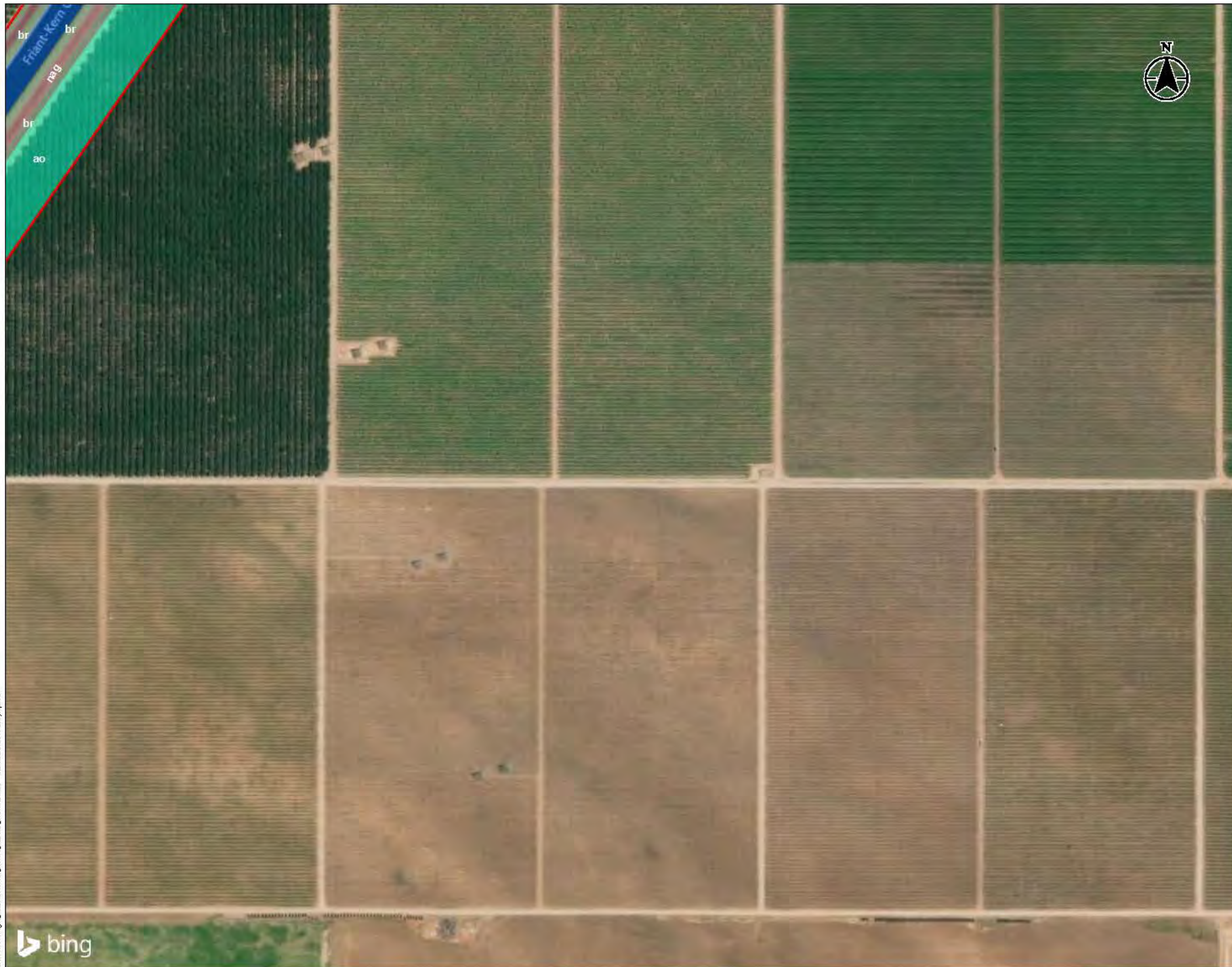


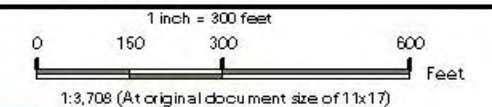
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Title
Habitats within the Project Area

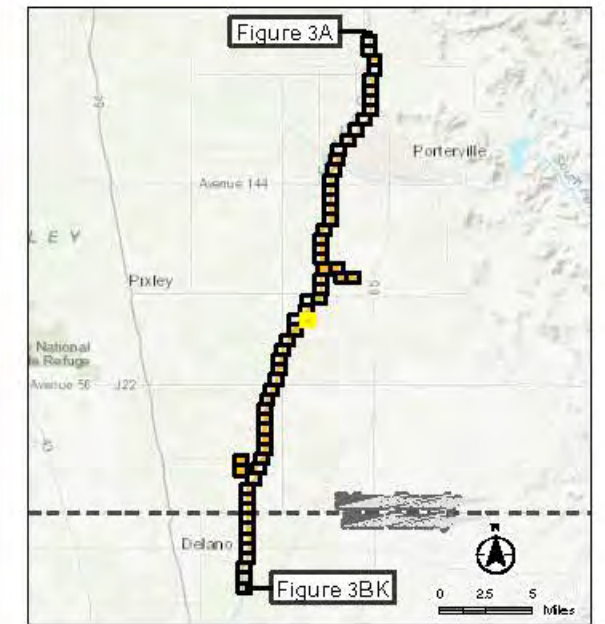
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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- Project Area
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoimagery Bing Maps, 2019



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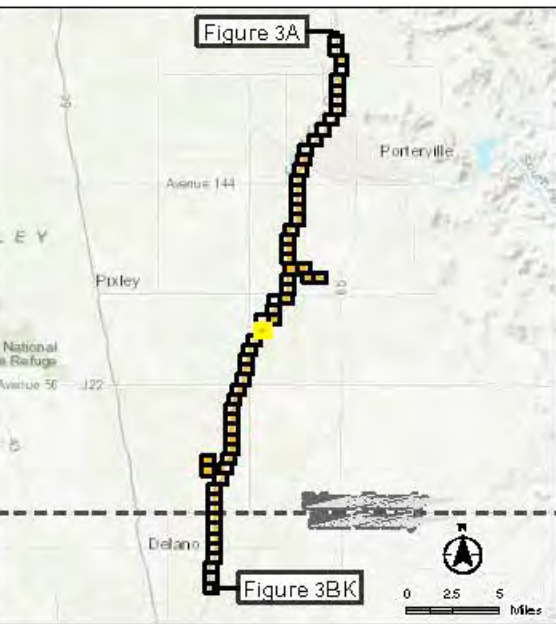
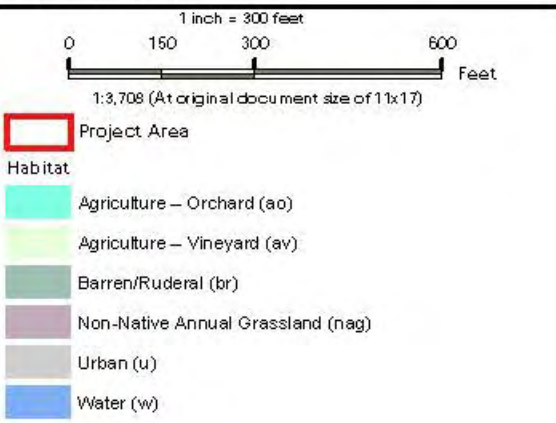
Figure No.
3A1

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duocor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthorectified Bing Maps, 2019



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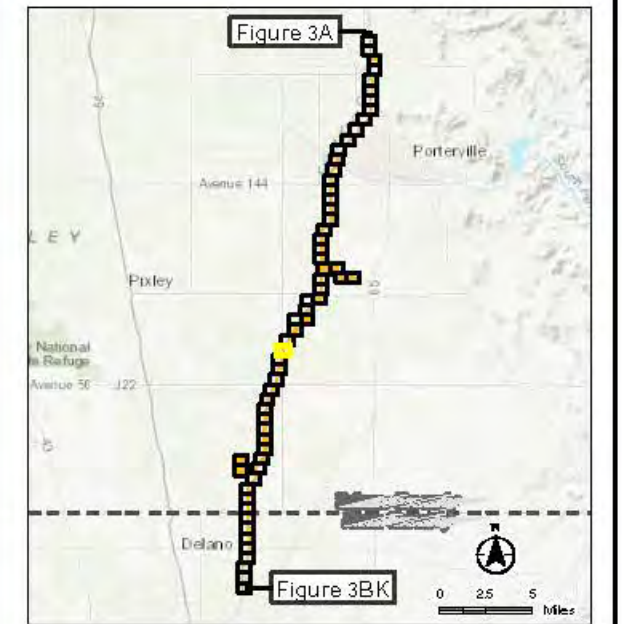
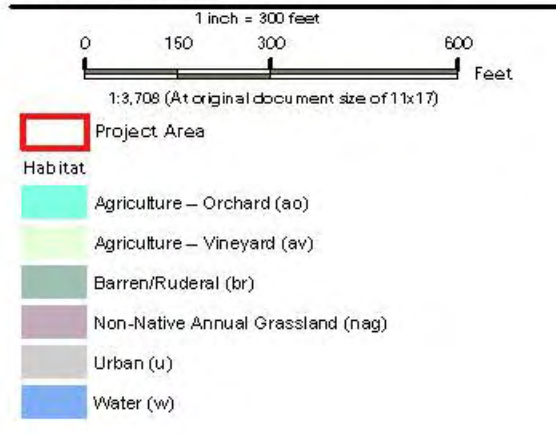
Figure No.
3AK

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomageary Bing Maps, 2019



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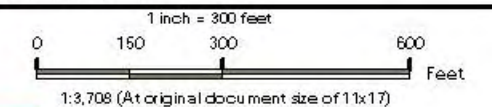
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Title
Habitats within the Project Area

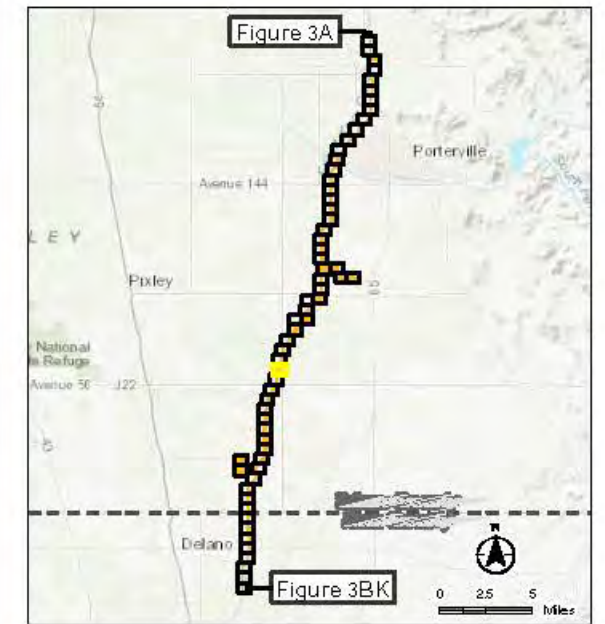
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Revised by SC Pon 2020-01-29



- Project Area
- Agriculture - Fallow (af)
- Agriculture - Orchard (ao)
- Agriculture - Vineyard (av)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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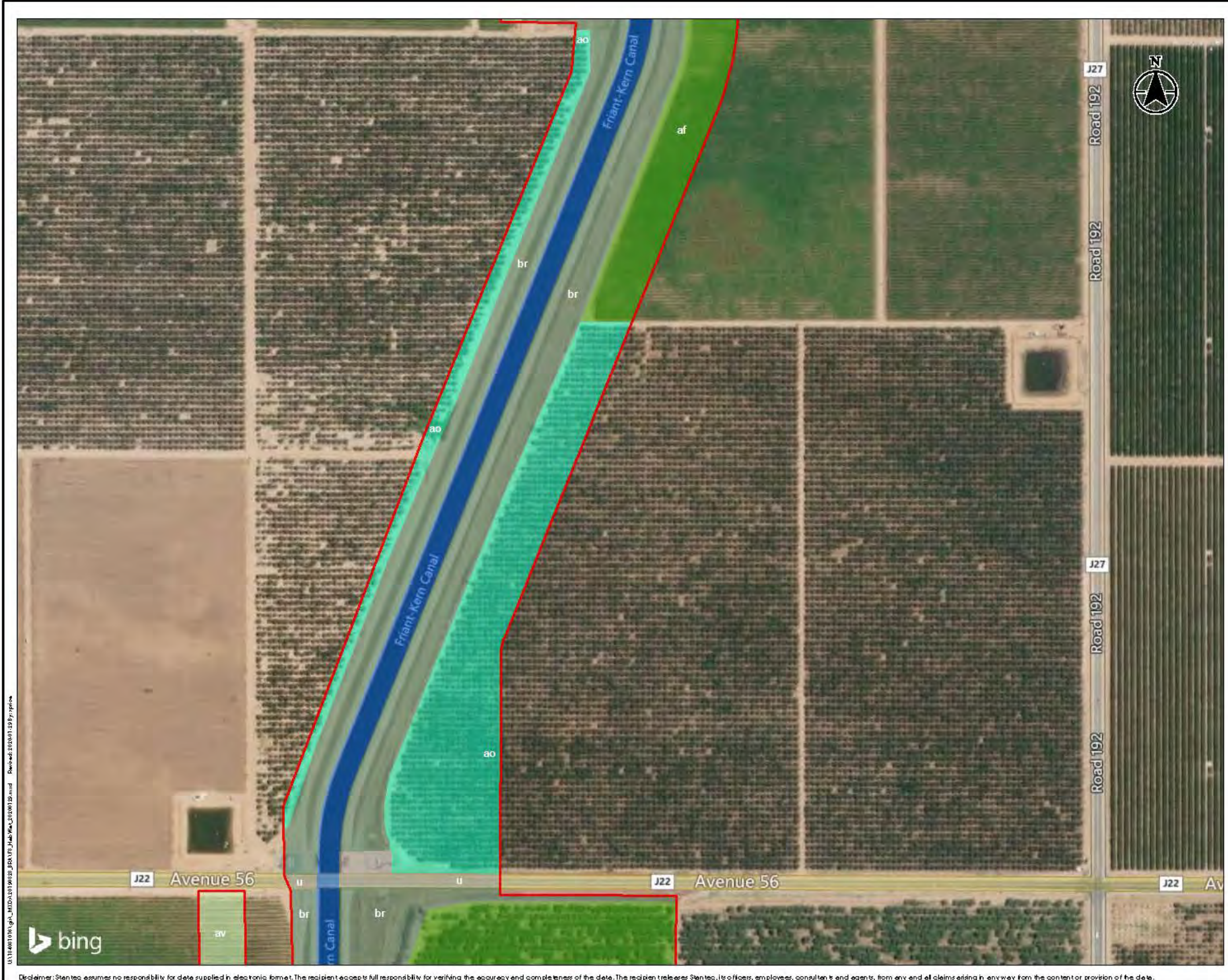


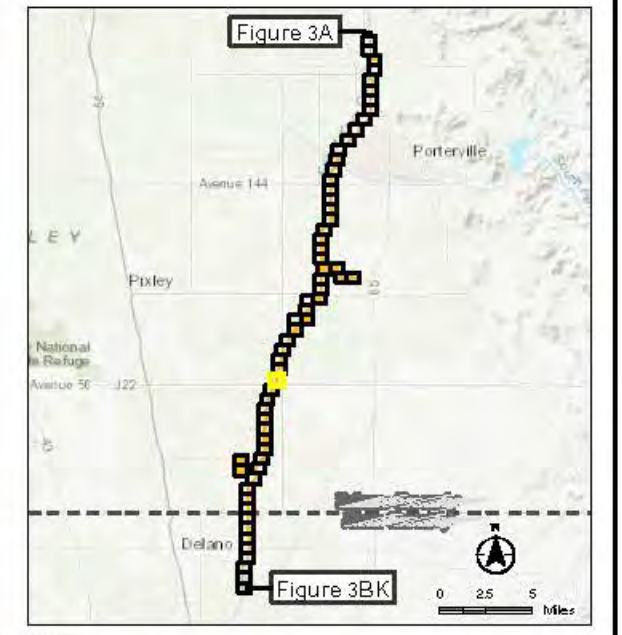
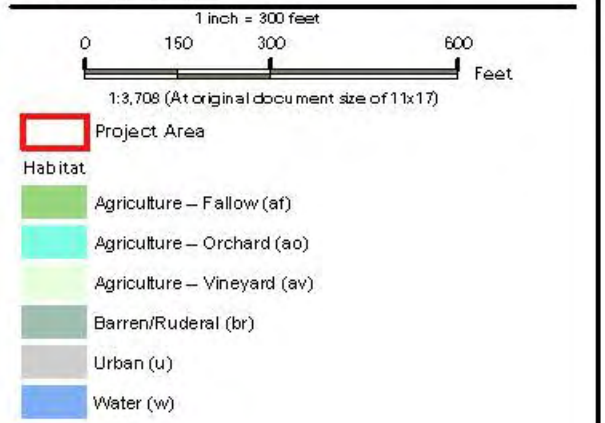
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Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Revised by SC Pon 2020-01-29



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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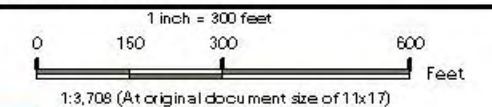
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3AO

Title
Habitats within the Project Area

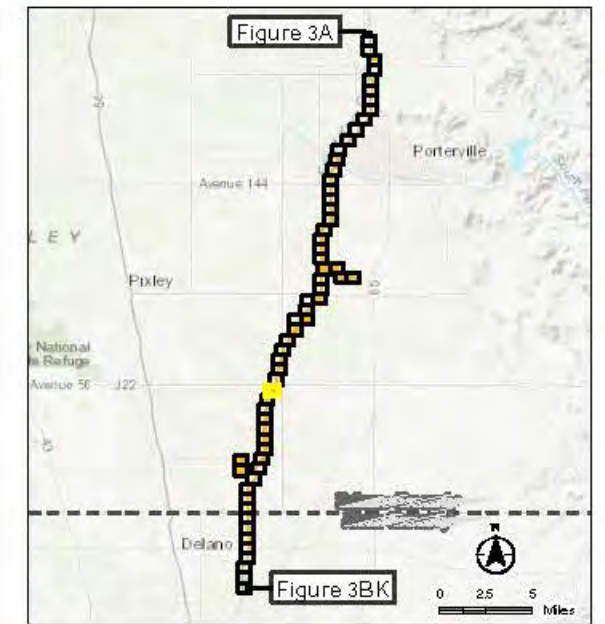
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Revised by SCP on 2020-01-29



- Project Area
- Agriculture - Fallow (af)
- Agriculture - Orchard (ao)
- Agriculture - Vineyard (av)
- Barren/Ruderal (br)
- California Buckwheat Scrub (cbs)
- Non-Native Annual Grassland (nag)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoimagery Bing Maps, 2019



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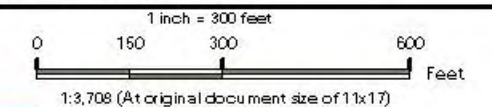
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Title
Habitats within the Project Area

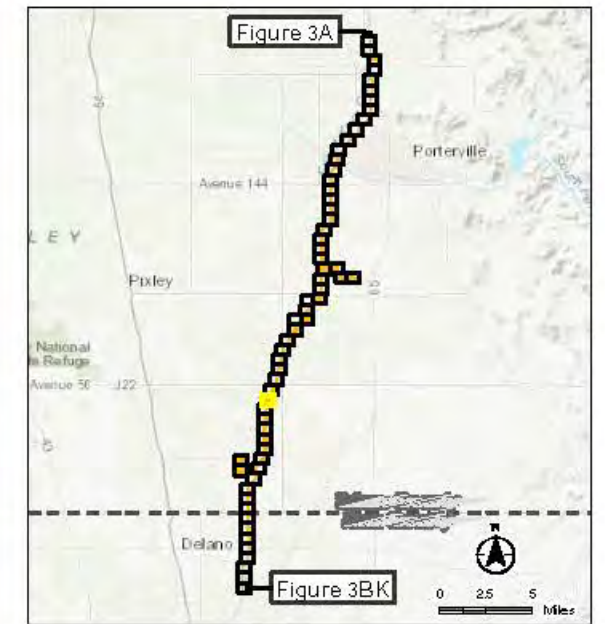
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Habitat
- Agriculture - Orchard (ao)
- Agriculture - Vineyard (av)
- Barren/Ruderal (br)
- California Buckwheat Scrub (cbs)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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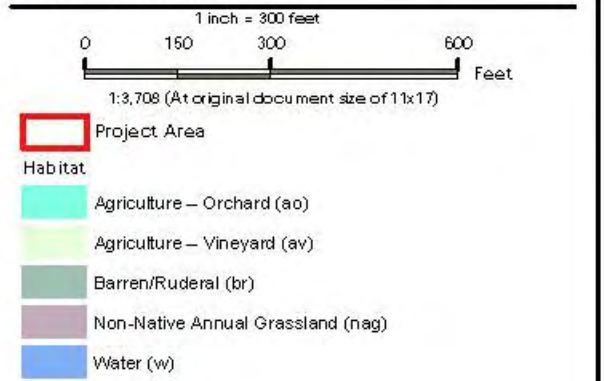
Figure No.
3AQ

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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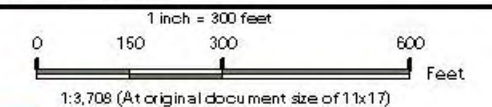
Figure No.
3AR

Title
Habitats within the Project Area

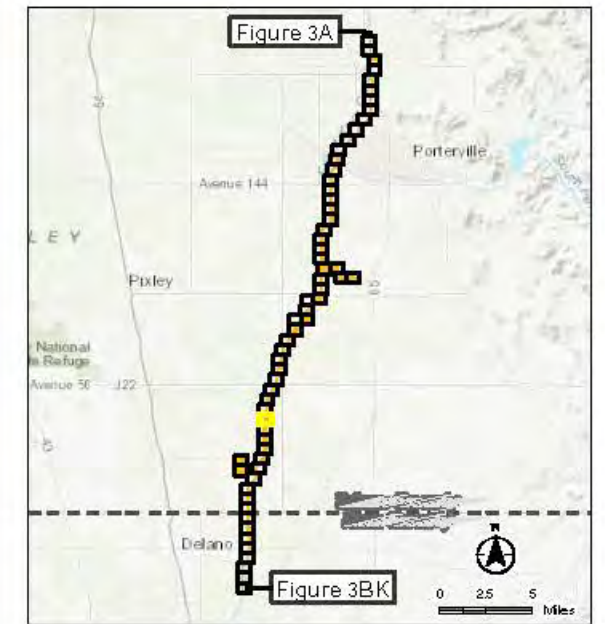
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Agriculture - Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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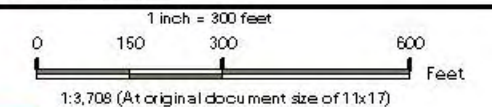
Figure No.
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Title
Habitats within the Project Area

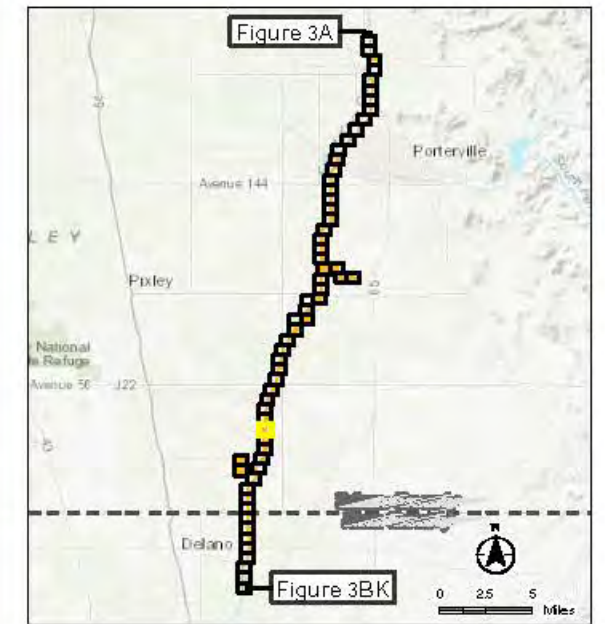
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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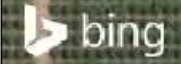
- Project Area
- Habitat
 - Agriculture - Orchard (ao)
 - Barren/Ruderal (br)
 - Non-Native Annual Grassland (nag)
 - Urban (u)
 - Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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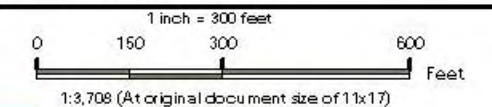


Figure No.
3AU
 Title
Habitats within the Project Area

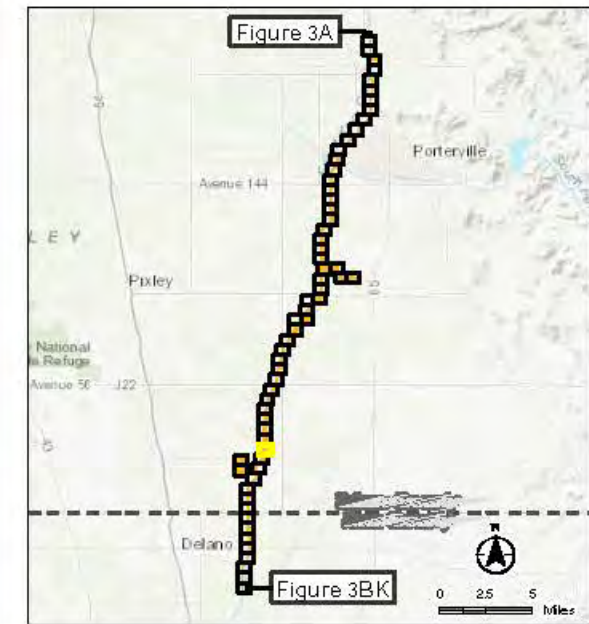
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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- Project Area
- Agriculture – Orchard (ao)
- Agriculture – Vineyard (av)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthoimagery Bing Maps, 2019



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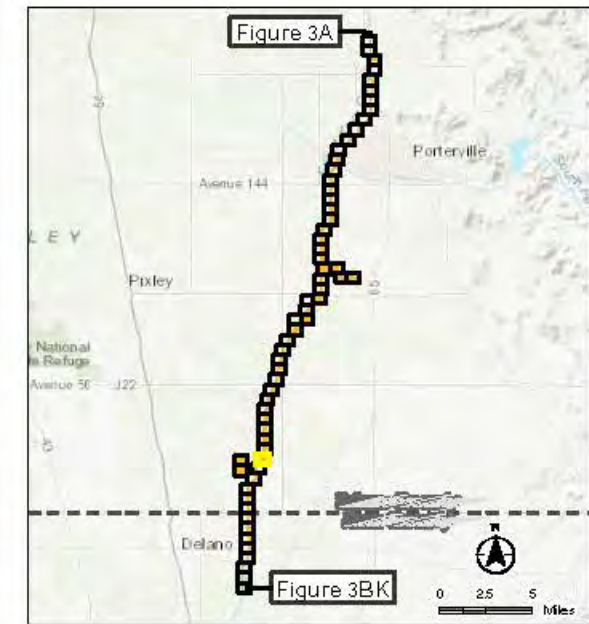
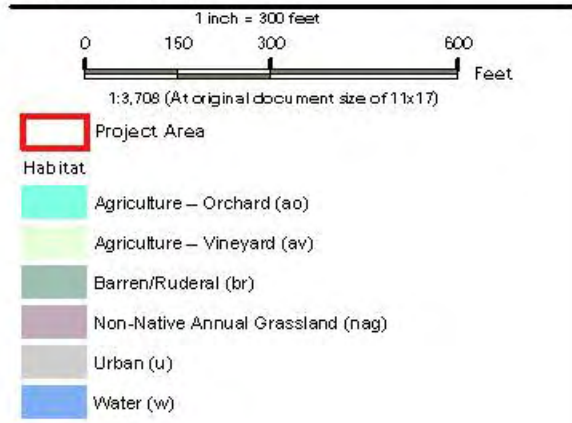
Figure No.
3AV

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duoor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthoregistry Bing Maps, 2019



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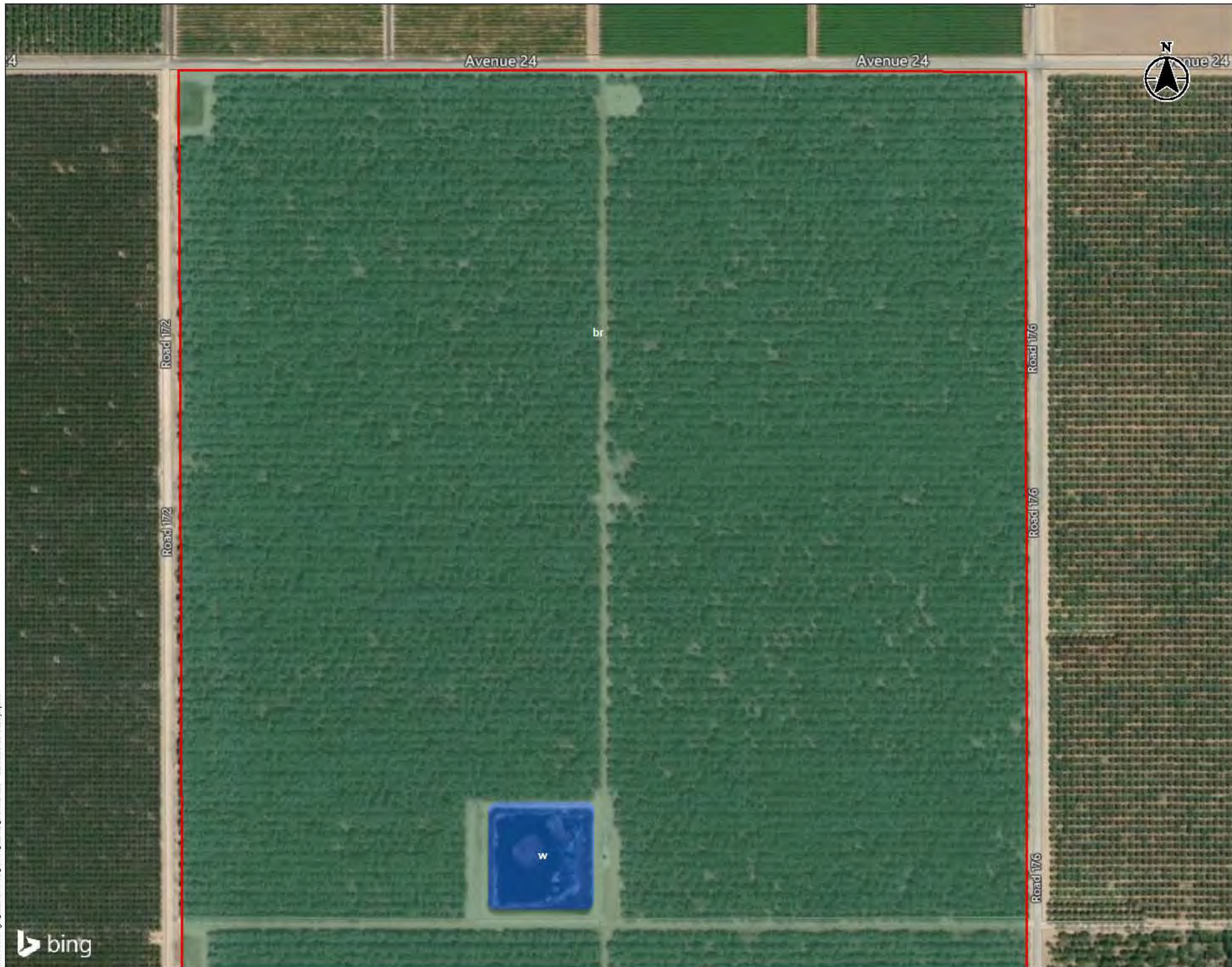


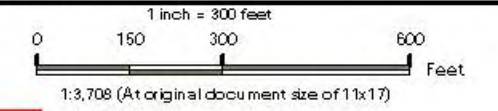
Figure No.
3AW

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

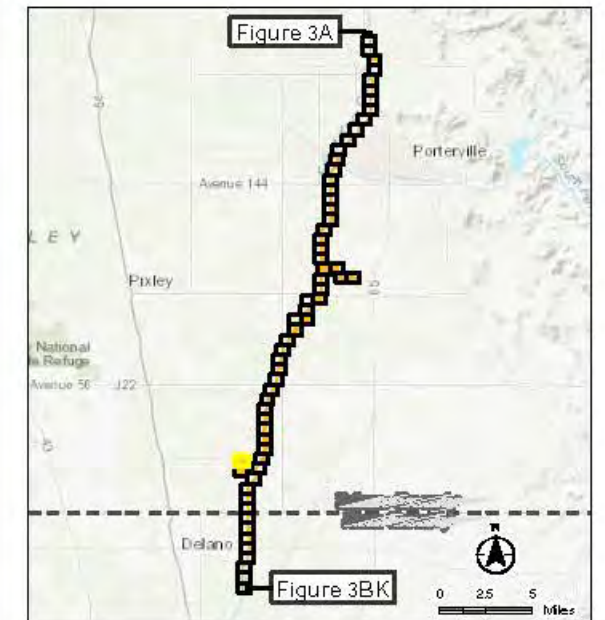
Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Project Area

Habitat
 Barren/Ruderal (br)
 Water (w)



Notes
 1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthorectified Bing Maps, 2019



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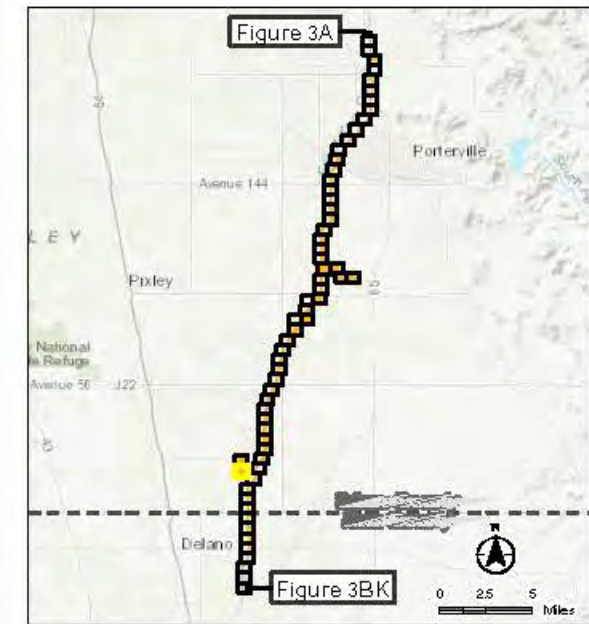
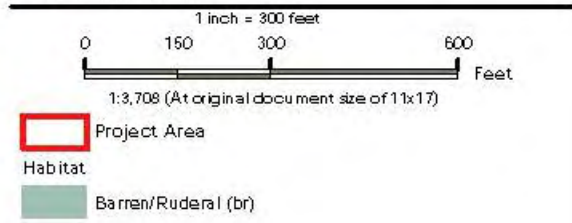
Figure No.
3AX

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthorectified Bing Maps, 2019



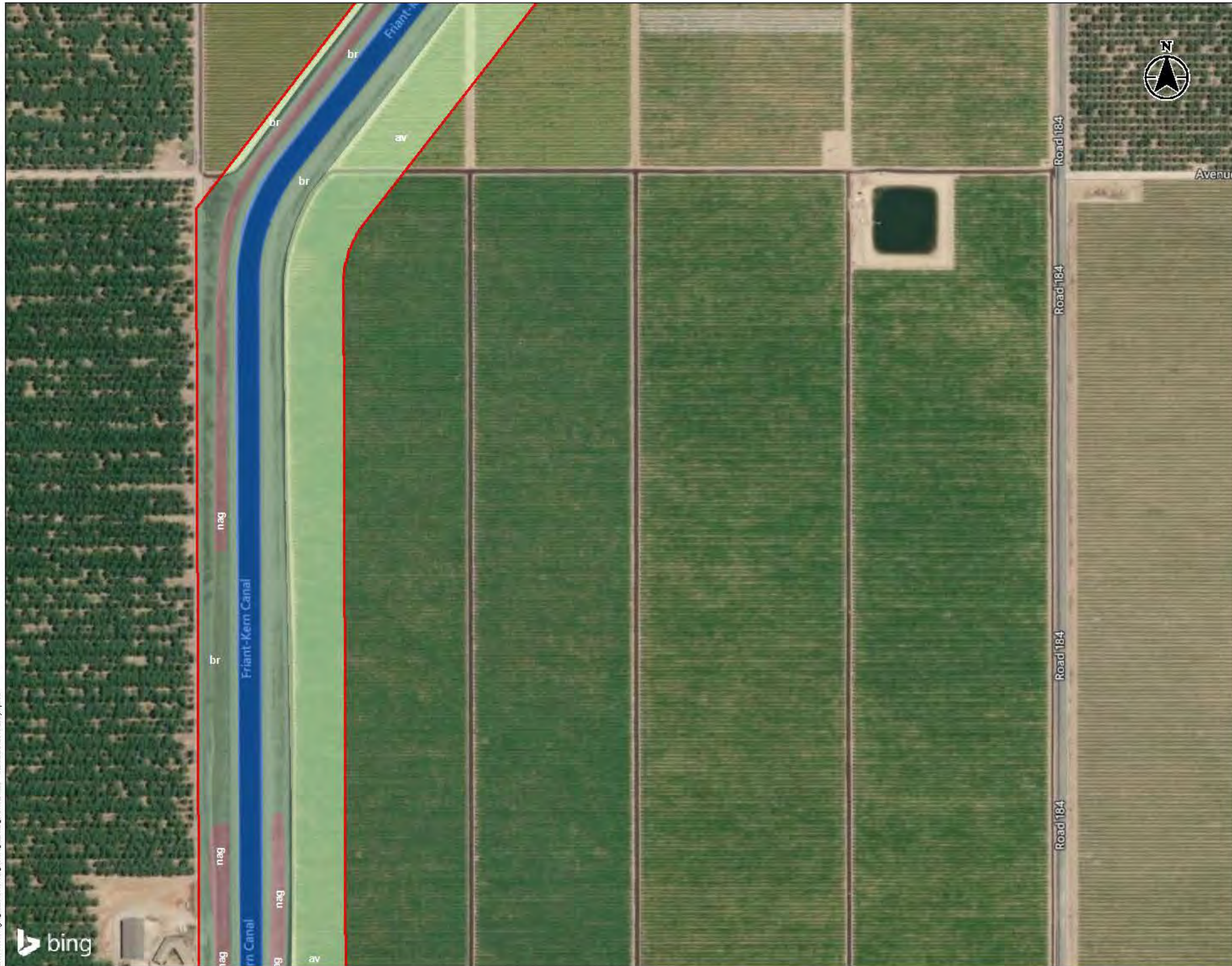


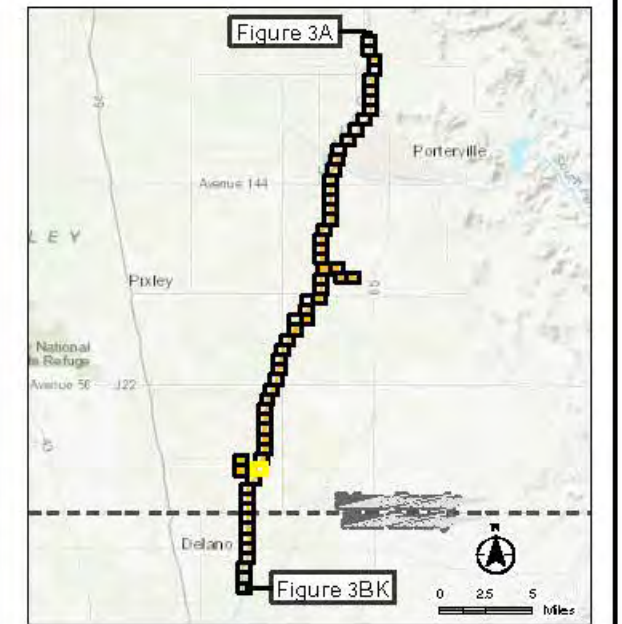
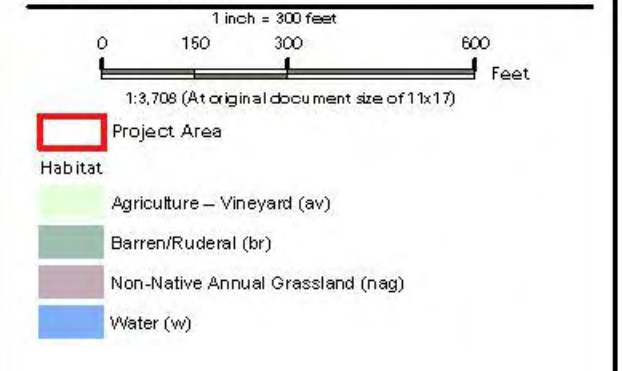
Figure No.
3AY

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duoor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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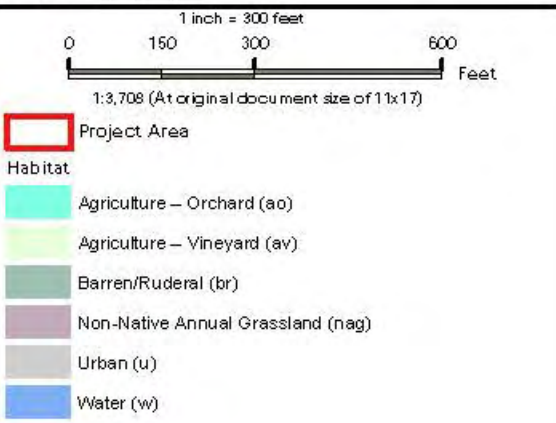
Figure No.
3AZ

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthimagery Bing Maps, 2019



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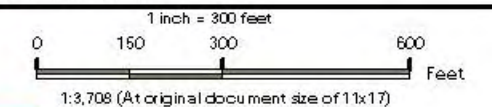
Figure No.
3BA

Title
Habitats within the Project Area

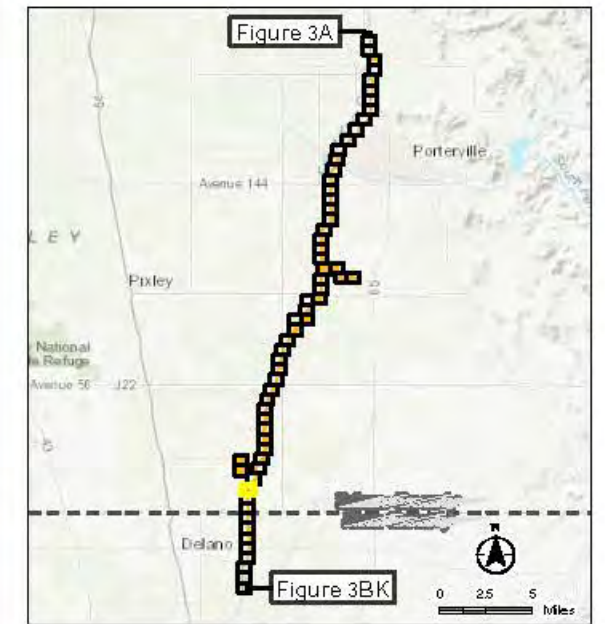
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Agriculture – Orchard (ao)
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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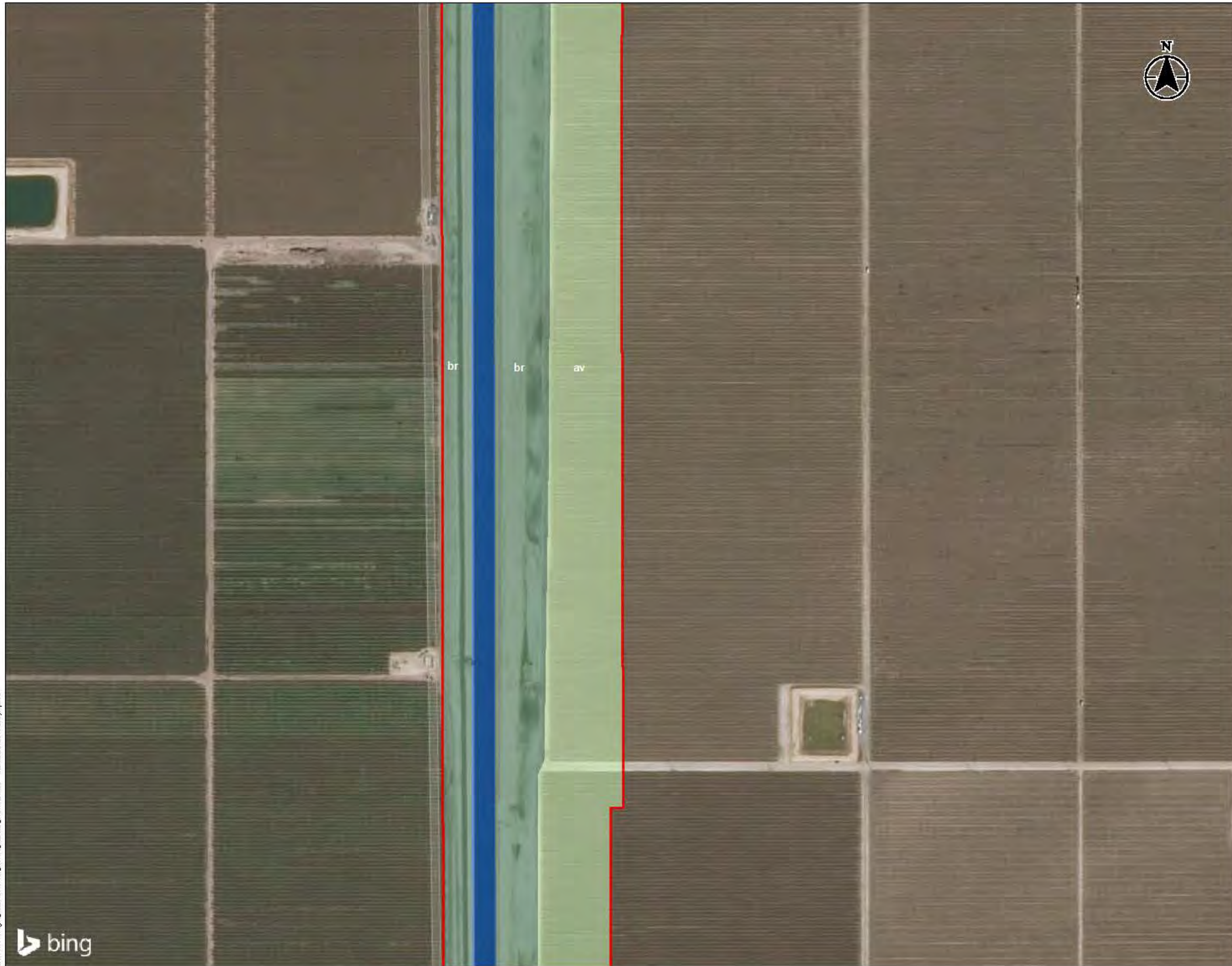


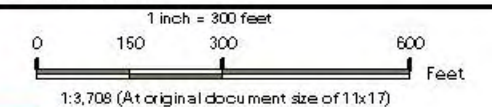
Figure No.
3BD

Title
Habitats within the Project Area

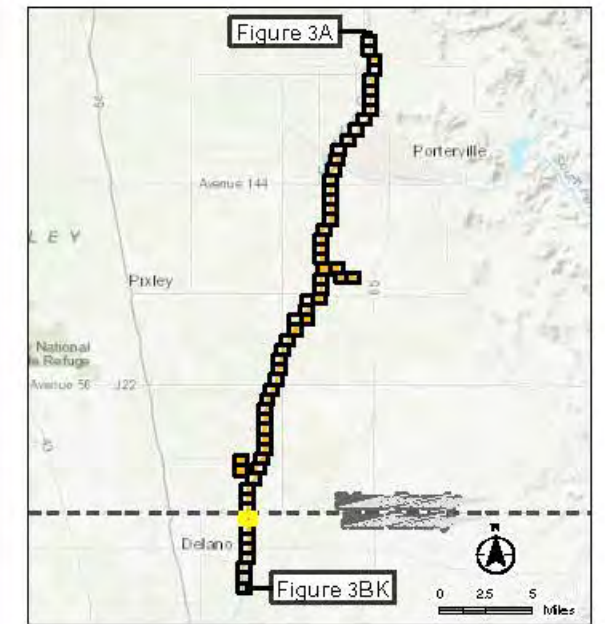
Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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- Project Area
- Agriculture – Vineyard (av)
- Barren/Ruderal (br)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomageary Bing Maps, 2019



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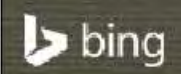




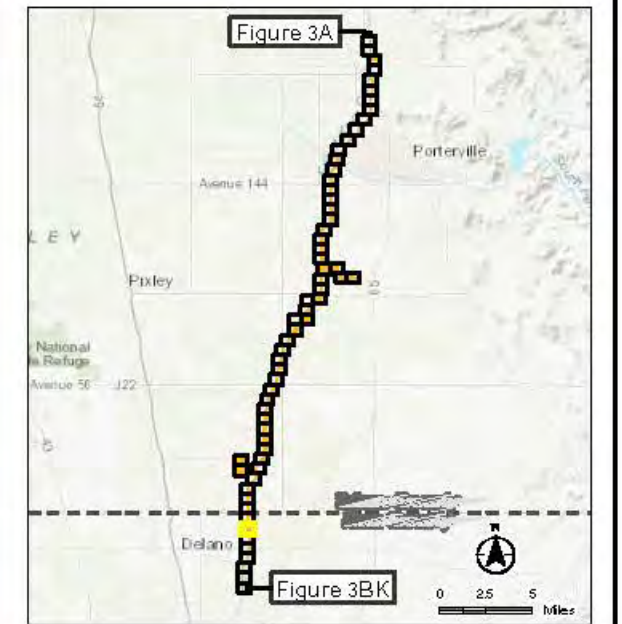
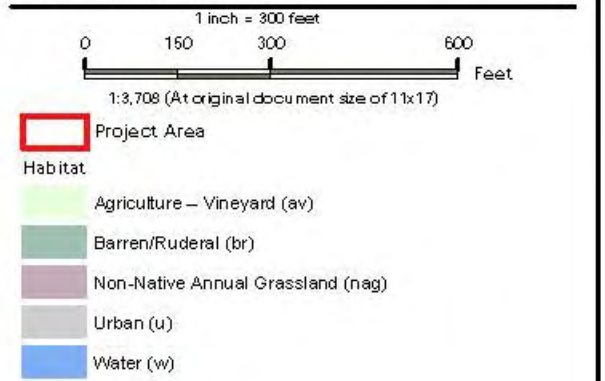
Figure No.
3BE

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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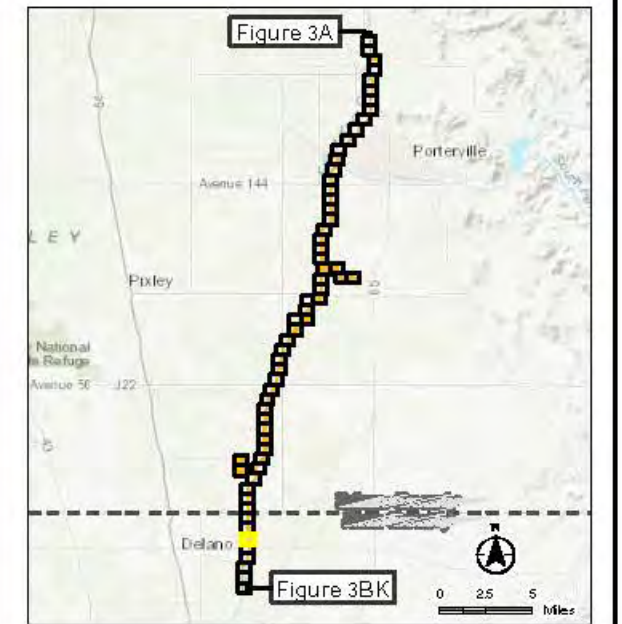
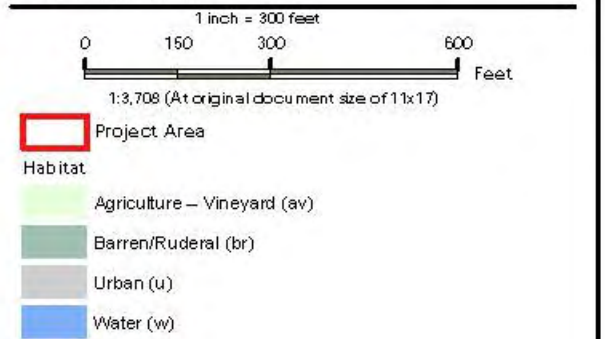
Figure No.
3BF

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthorectified Bing Maps, 2019



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Figure No.
3BG

Title
Habitats within the Project Area

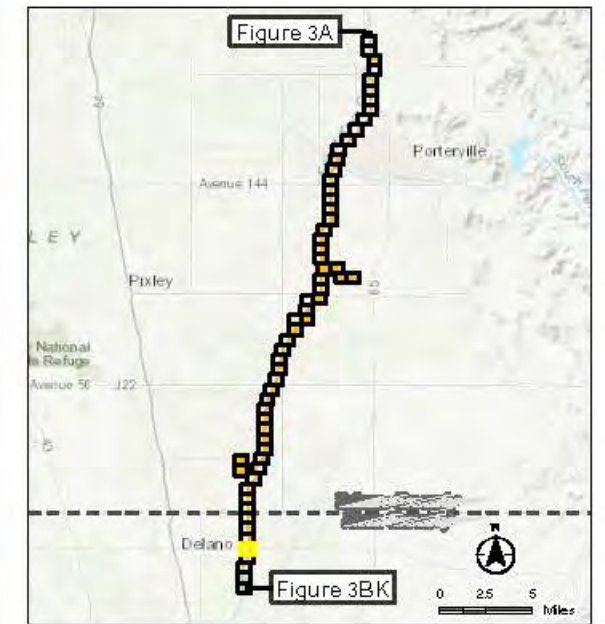
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

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- Project Area
- Agriculture - Vineyard (av)
- Barren/Ruderal (br)
- Urban (u)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomagey Bing Maps, 2019



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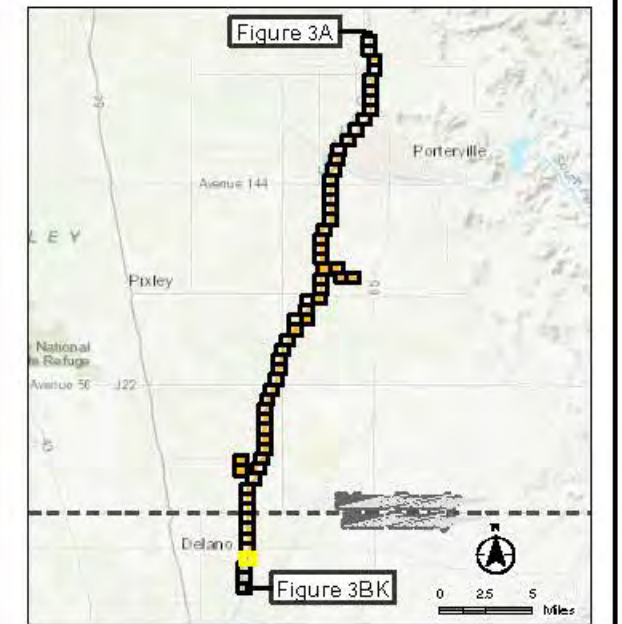
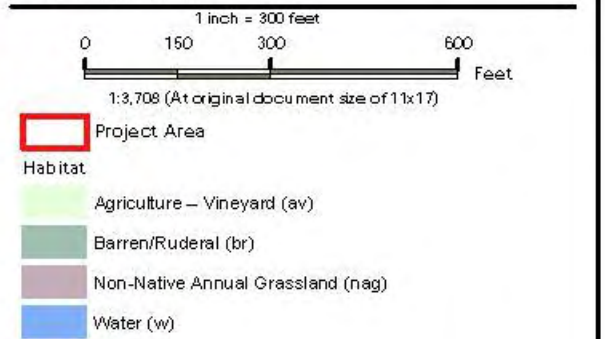
Figure No.
3BH

Title
Habitats within the Project Area

Client/Project
Friant Water Authority
Friant-Kern Canal Middle Reach Capacity
Correction Project - Biological Resources Assessment

Project Location
Tulare and Kern Counties, CA
7.5' USGS Quadrangles
Porterville, California (1971)
Sausalito School, California (1971)
Ducor, California (1972)

184031016
Revised by SC Pon 2020-01-29



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomageary Bing Maps, 2019



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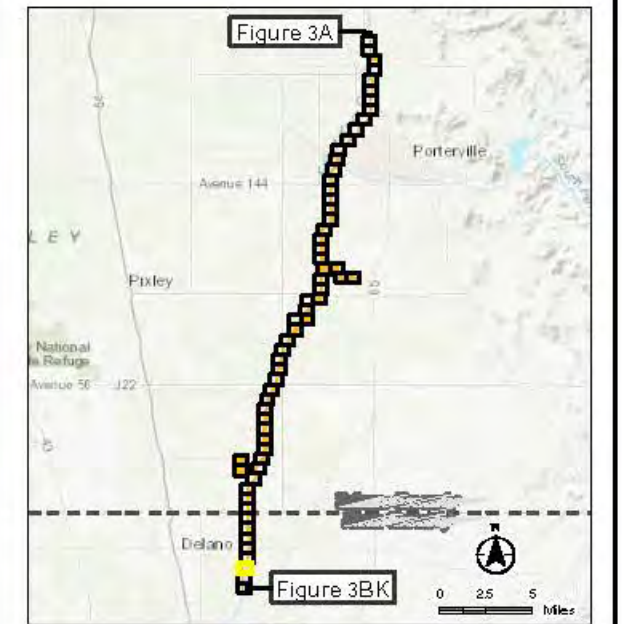
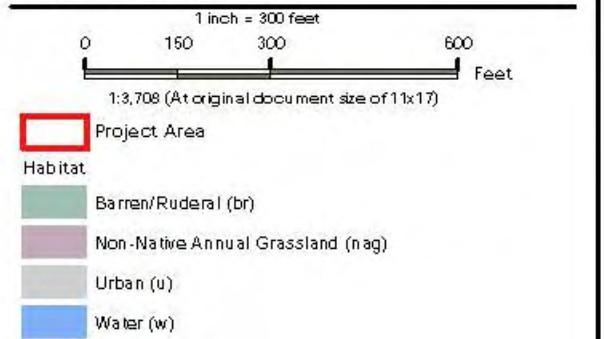
Figure No.
3BI

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

184031016
 Repered by SCP on 2020-01-29



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 4004 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomogery Bing Maps, 2019



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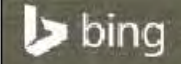




Figure No.
3BJ

Title
Habitats within the Project Area

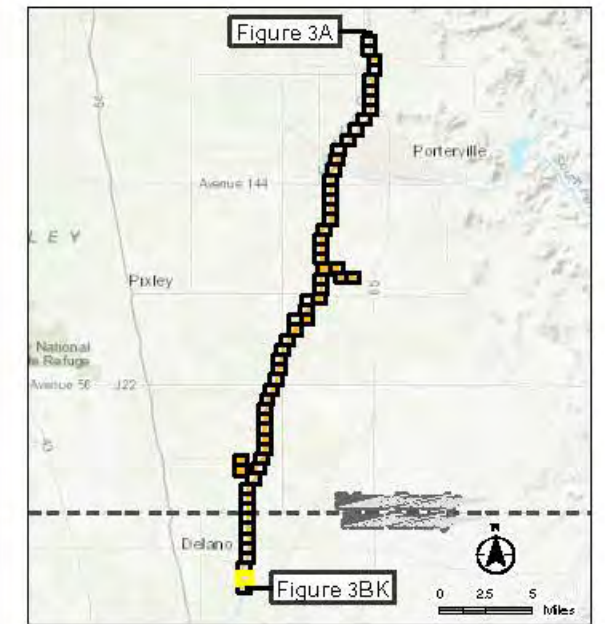
Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Duocor, California (1972)

184031016
 Repered by SCP on 2020-01-29



- Project Area
- Habitat
- Barren/Ruderal (br)
- Non-Native Annual Grassland (nag)
- Water (w)



- Notes
1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
 2. Stantec, 2019, Stantec Field Observations
 3. Orthomogery Bing Maps, 2019



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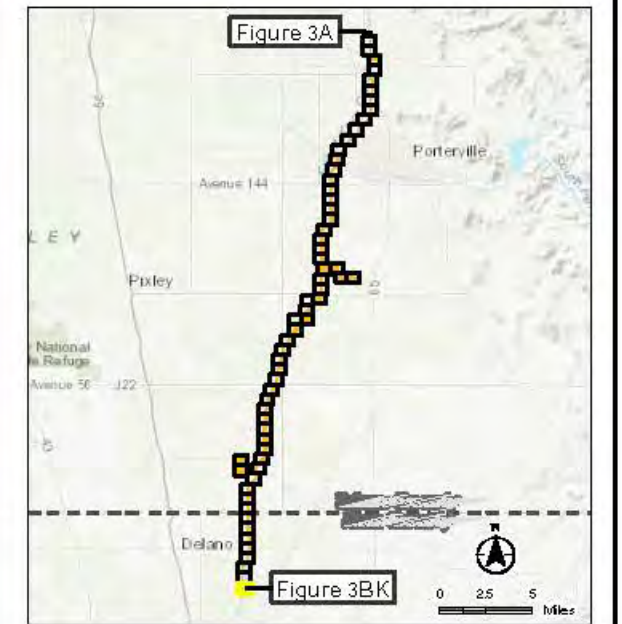
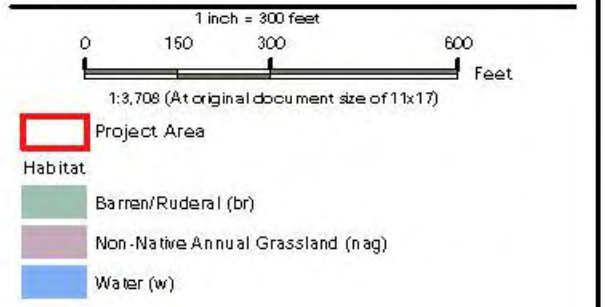
Figure No.
3BK

Title
Habitats within the Project Area

Client/Project
 Friant Water Authority
 Friant-Kern Canal Middle Reach Capacity
 Correction Project - Biological Resources Assessment

Project Location
 Tulare and Kern Counties, CA
 7.5' USGS Quadrangles
 Porterville, California (1971)
 Sausalito School, California (1971)
 Ducor, California (1972)

184031016
 Repered by SCP on 2020-01-29



Notes

1. Coordinate System: NAD 1983 State Plane California IV FIPS 0404 Feet
2. Stantec, 2019, Stantec Field Observations
3. Orthomageary Bing Maps, 2019



