

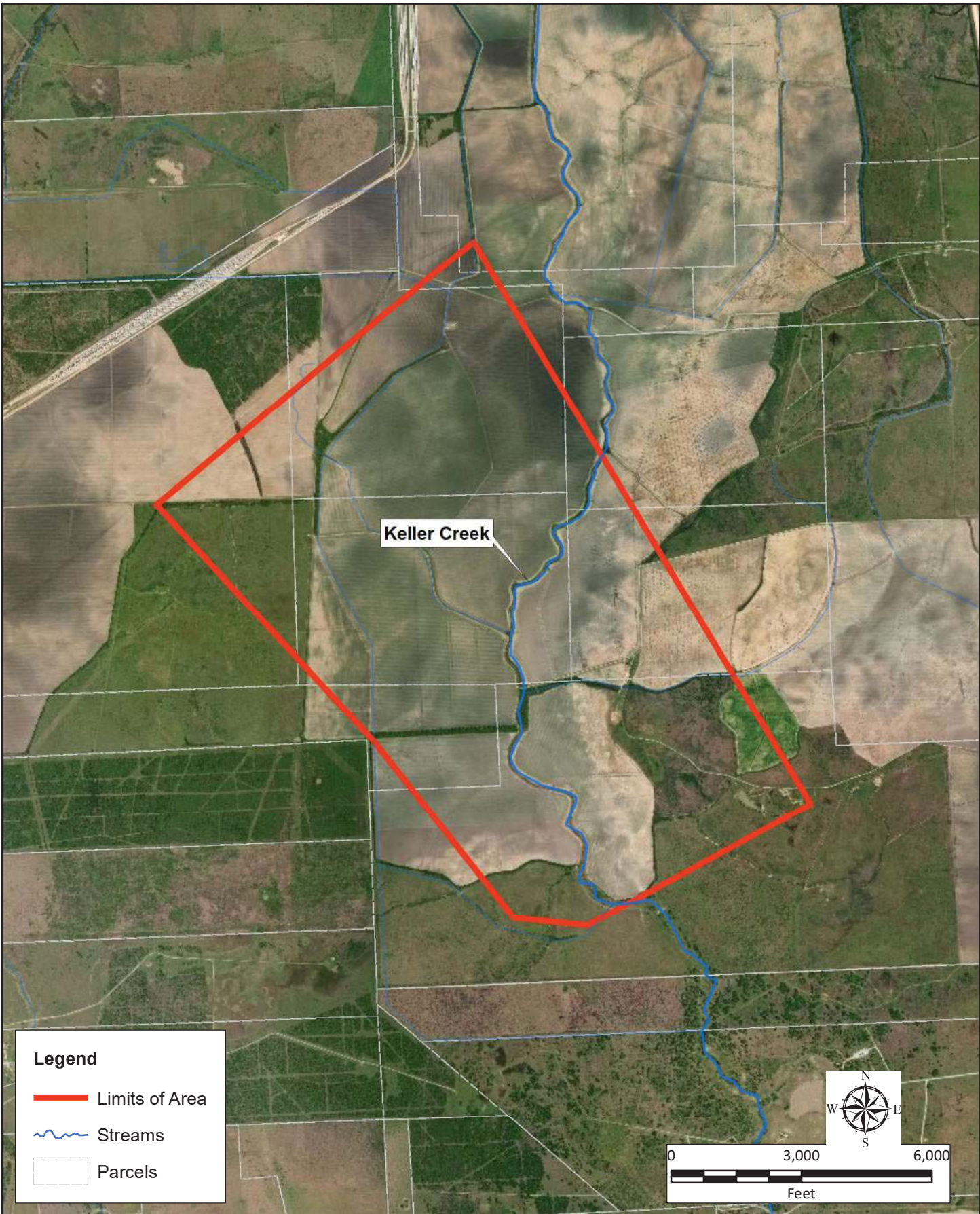
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DATE CREATED	Date: 12/3/2019
DATUM & COORDINATE SYSTEM	NAD83 State Plane (feet) Texas South Central
FILE NAME	Name: Figure_1-1
PREPARED BY	DML

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Lavaca Navidad River Authority
Texana Yield Enhancement Project

Location Map

**FIGURE
1**



Keller Creek

Legend

- Limits of Area
- ~ Streams
- Parcels

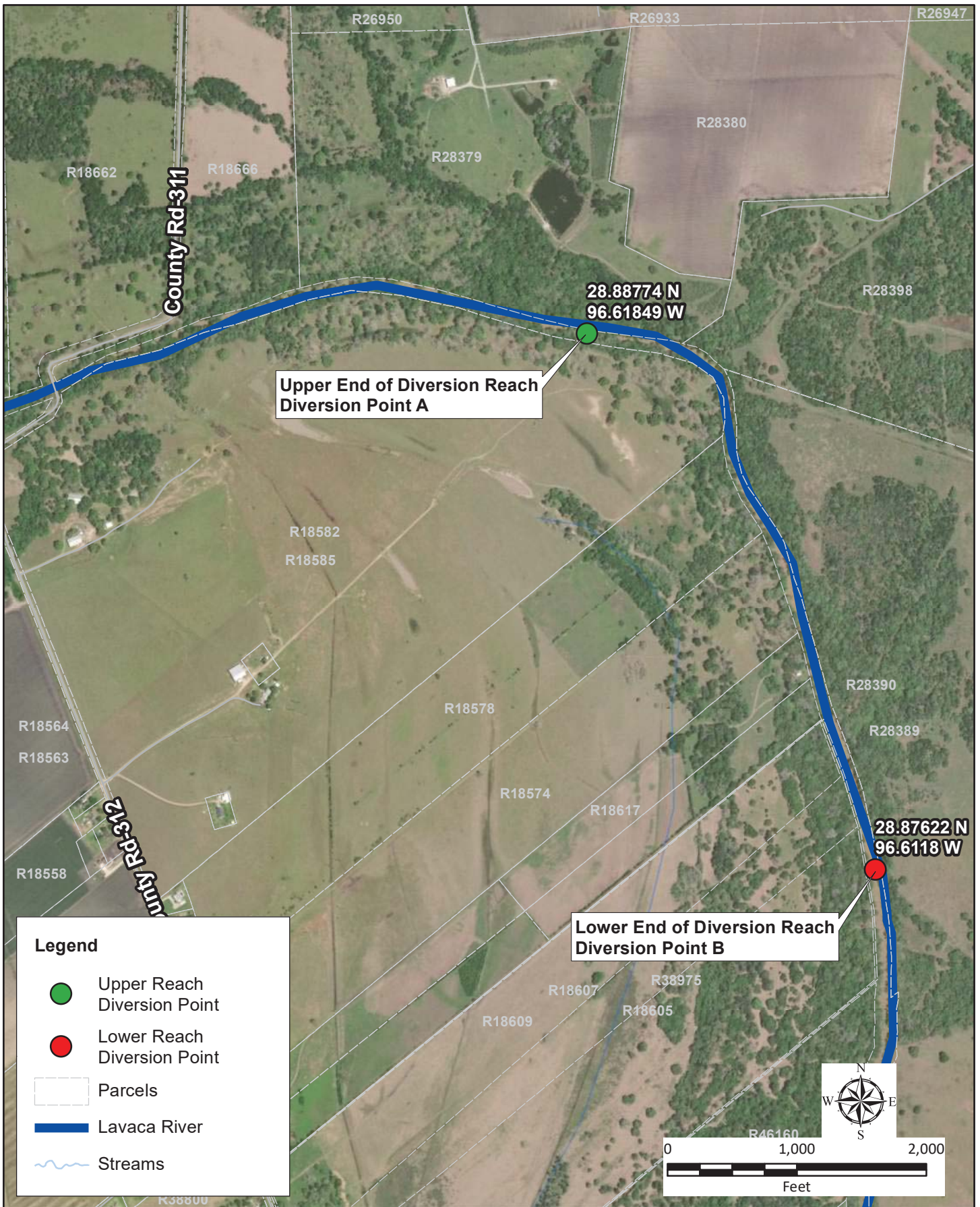
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FILE NAME	Name: Figure_2-1
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Off-Channel Reservoir Site

FIGURE
 2



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Lavaca Diversion Reach


FIGURE
 3

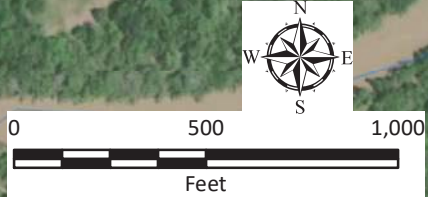


LakeTexana

Lake Texana Existing Diversion Point

Legend

 Lake



0 500 1,000
Feet

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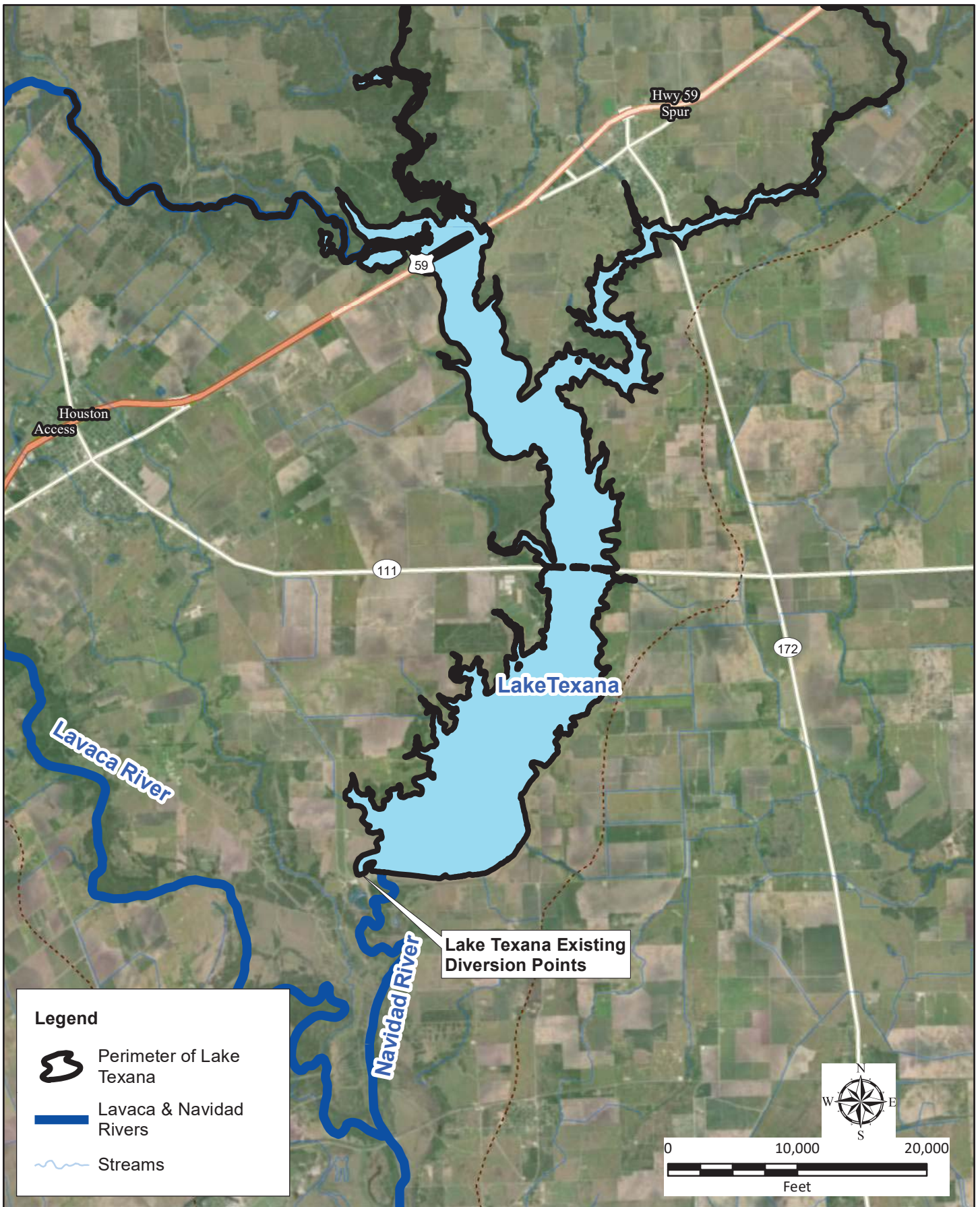


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**Perimeter of Lake Texana
 And Existing Diversion Points**

FIGURE
 4



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**Perimeter of Lake Texana
 (Diversion Point C)**

FIGURE
 5

APPENDIX 3B

Photographs

Appendix 3B-1 – Diversion Reach Photographs

Figure 1 – Field Reconnaissance Photos

Photo 1. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing downstream (approximately south).

Photo 2. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing upstream (approximately north).

Photo 3. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing left bank (approximately east).

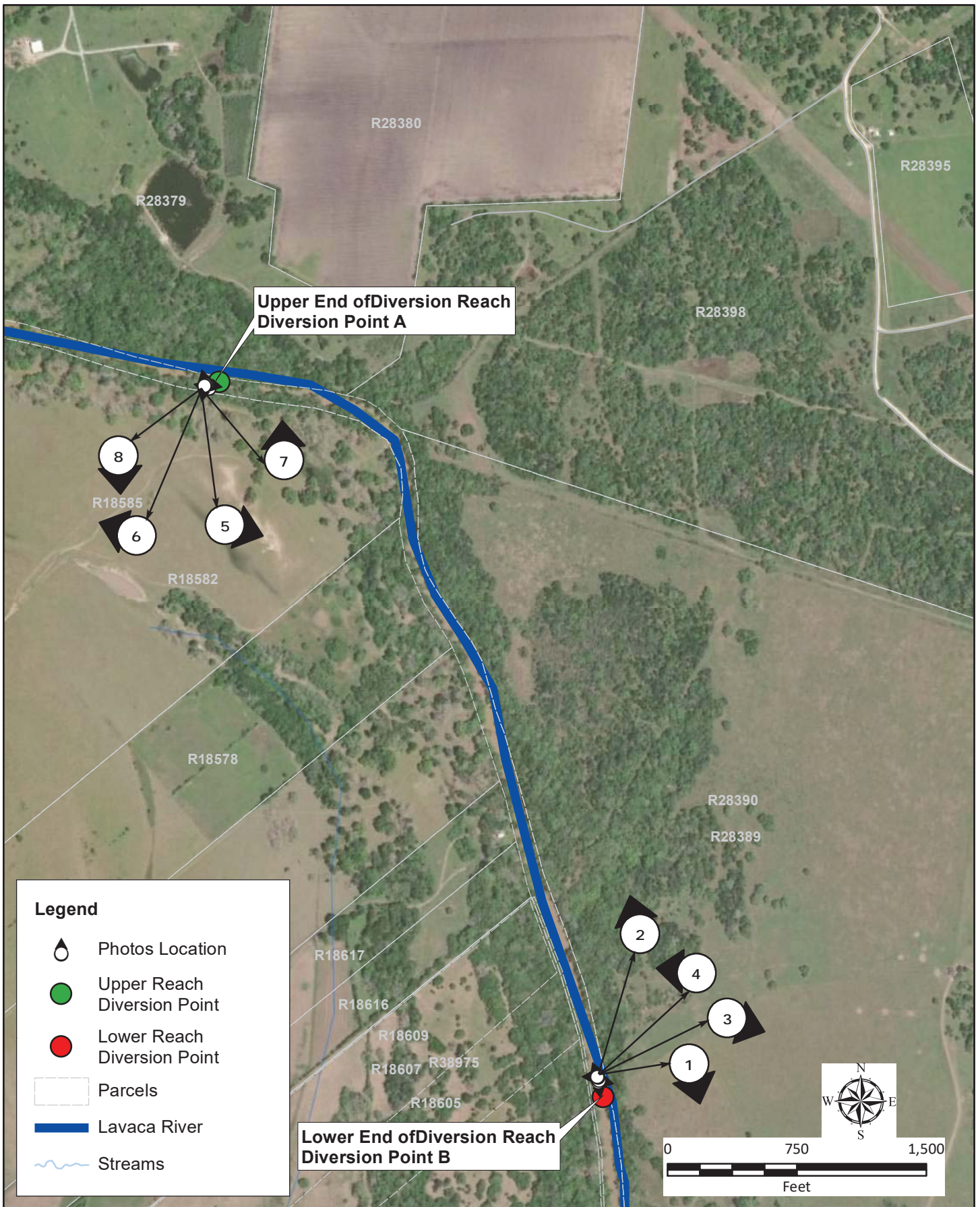
Photo 4. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing right bank (approximately west).

Photo 5. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing downstream (approximately east).

Photo 6. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing upstream (approximately west).

Photo 7. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing left bank (approximately north).

Photo 8. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing right bank (approximately south).



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Field Reconnaissance Photos

FIGURE
 1

Diversion Reach Photos



Photo 1. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing downstream (approximately south).



Photo 2. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing upstream (approximately north).

Diversion Reach Photos



Photo 3. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing left bank (approximately east).



Photo 4. Typical conditions of the downstream end of the proposed river reach (Diversion Point B) facing right bank (approximately west).

Diversion Reach Photos



Photo 5. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing downstream (approximately east).



Photo 6. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing upstream (approximately west).

Diversion Reach Photos



Photo 7. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing left bank (approximately north).



Photo 8. Typical conditions of the upstream end of the proposed river reach (Diversion Point A) facing right bank (approximately south).

Appendix 3B-2 – Off-Channel Reservoir (OCR) Site Photographs

Figure 2 Environmental Memorandum Photos

Photo 1: Typical row crop field (facing north) within proposed project area

Photo 2: Typical pasture (facing north) within proposed project area

Photo 3: Stream 1, Keller Creek, facing downstream

Photo 4: WET2 facing north.

Photo 5: Ditch 1 facing upstream.

Photo 6: Ditch 7 facing downstream.

Photo 7: Ditch 11 facing downstream.

Photo 8: Ditch 17 facing upstream.

Photo 9: Pond 1 facing north.

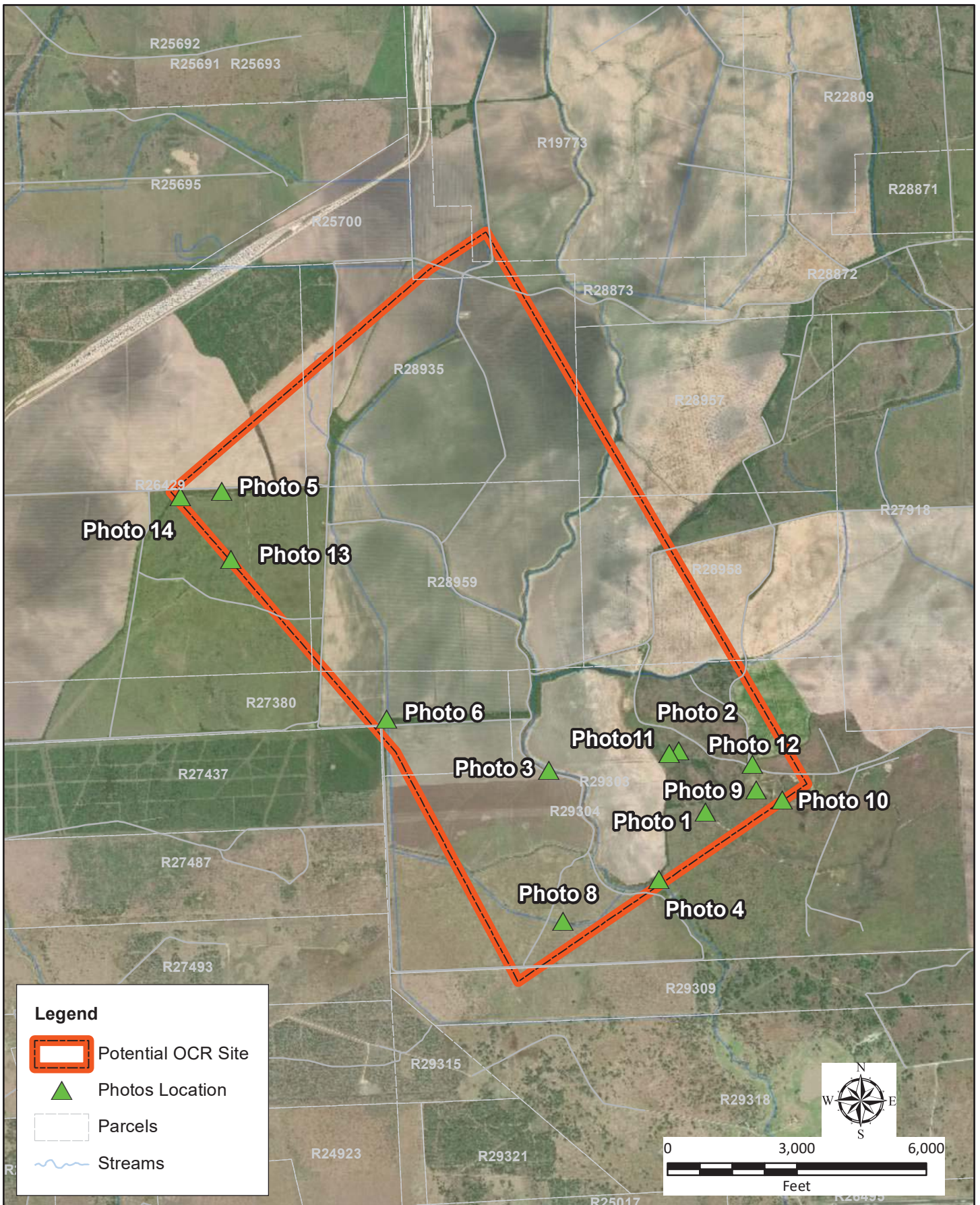
Photo 10: Pond 2 facing east.

Photo 11: Wet 3 facing north.





Photo 12: Wet 5 facing north. A good representation of a sedge meadow (*Cyperus spp.*).

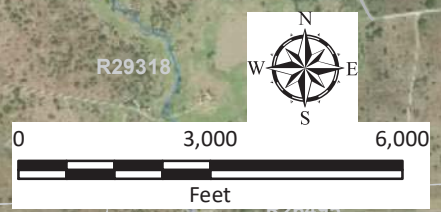
Photo 13: Wet 17 facing east. A good representation of upland species encroachment.

Photo 14: Wet 21 facing east. A good representation of a linear wetland.



Legend

-  Potential OCR Site
-  Photos Location
-  Parcels
-  Streams



0 3,000 6,000
Feet

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Environmental Memorandum Photos

FIGURE
2

Off-Channel Reservoir Photographs



Photo 1: Typical row crop field (facing north) within proposed project area



Photo 2: Typical pasture (facing north) within proposed project area

Off-Channel Reservoir Photographs



Photo 3: Stream 1, Keller Creek, facing downstream



Photo 4: WET2 facing north.

Off-Channel Reservoir Photographs



Photo 5: Ditch 1 facing upstream.



Photo 6: Ditch 7 facing downstream.

Off-Channel Reservoir Photographs



Photo 7: Ditch 11 facing downstream.



Photo 8: Ditch 17 facing upstream.

Off-Channel Reservoir Photographs



Photo 9: Pond 1 facing north.



Photo 10: Pond 2 facing east.

Off-Channel Reservoir Photographs



Photo 11: Wet 3 facing north.



Photo 12: Wet 5 facing north. A good representation of a sedge meadow (*Cyperus spp.*).

Off-Channel Reservoir Photographs



Photo 13: Wet 17 facing east. A good representation of upland species encroachment.



Photo 14: Wet 21 facing east. A good representation of a linear wetland.