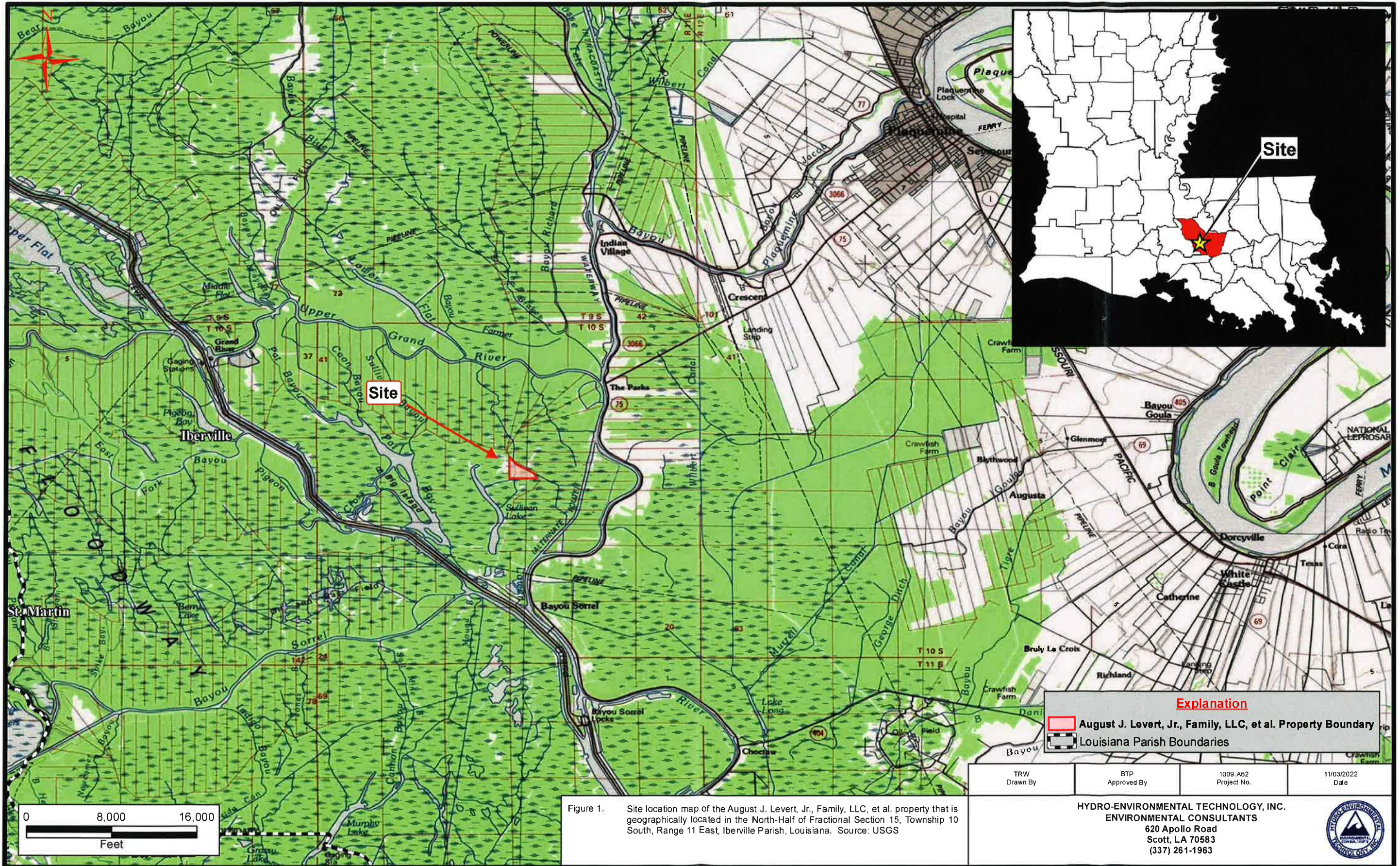
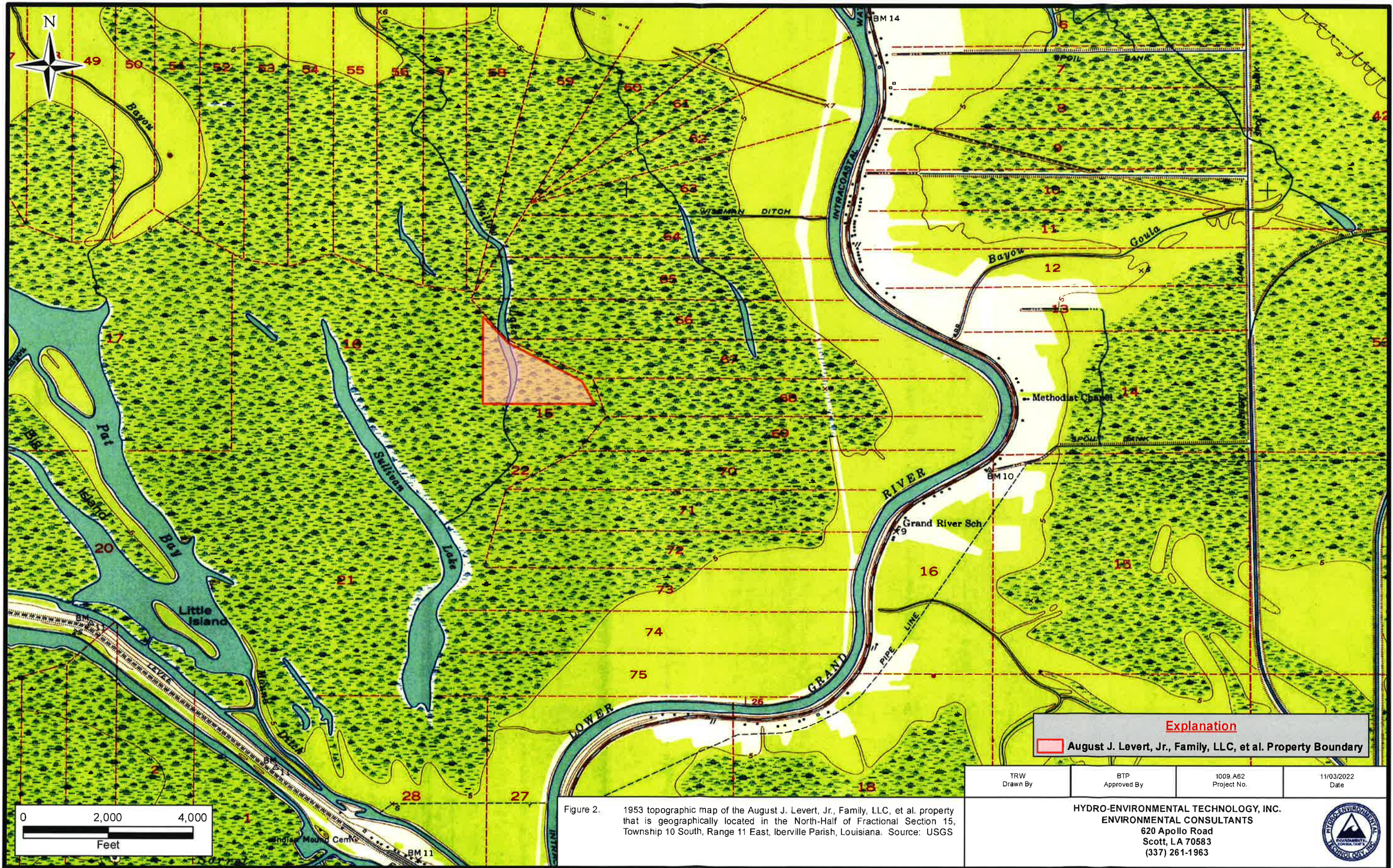


**APPENDIX B**  
**FIGURES**

Deponent  
POOLEY  
Exh No. 6  
Date 11/21/22  
www.amersonwhite.com

August Levert\_BP Plan\_000149





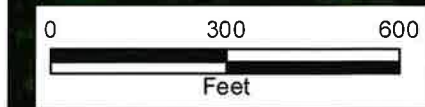



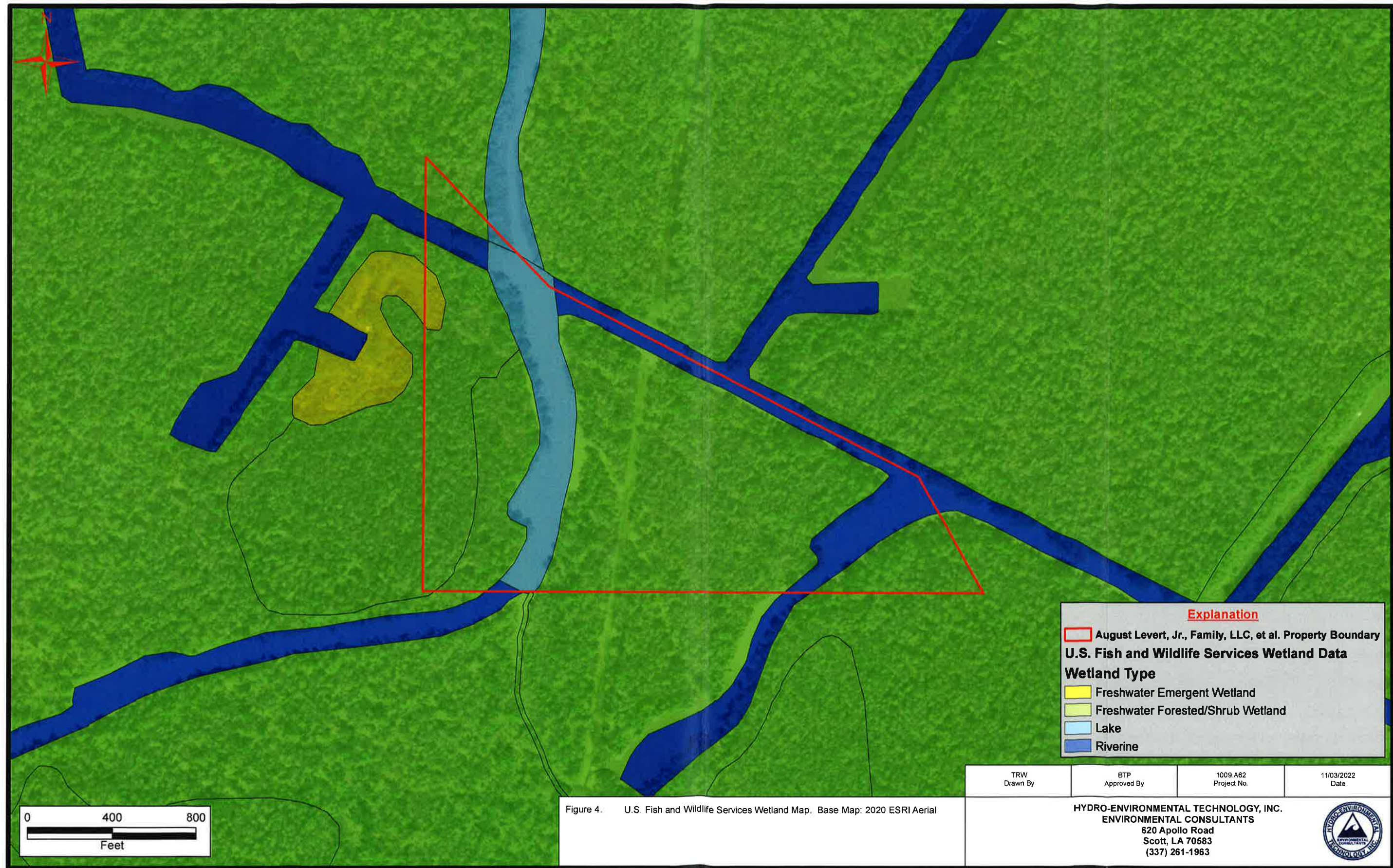
Figure 3. 2020 aerial photograph of the August J. Levert, Jr., Family, LLC, et al. property that is geographically located in the North-Half of Fractional Section 15, Township 10 South, Range 11 East, Iberville Parish, Louisiana. Source: ESRI

**Explanation**  
 August Levert, Jr. Family, LLC, et al. Property Boundary

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009_A62<br>Project No. | 11/03/2022<br>Date |
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**Explanation**

August Levert, Jr., Family, LLC, et al. Property Boundary

**U.S. Fish and Wildlife Services Wetland Data**

**Wetland Type**

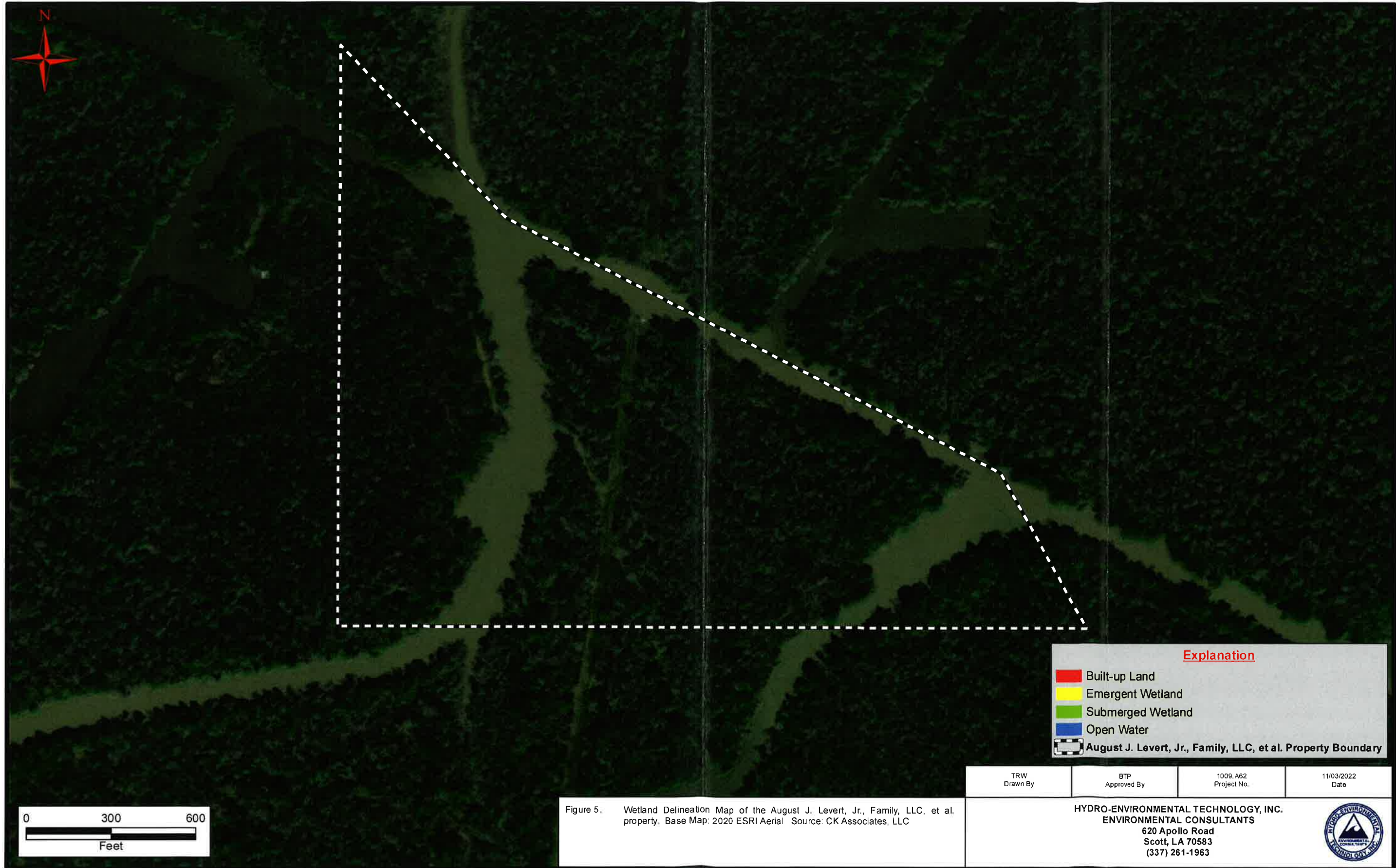
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Lake
- Riverine

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009 A62<br>Project No. | 11/03/2022<br>Date |
|-----------------|--------------------|-------------------------|--------------------|






Figure 4. U.S. Fish and Wildlife Services Wetland Map. Base Map: 2020 ESRI Aerial

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Explanation

|   |  |
|---|--|
|  | Built-up Land  |
|  | Emergent Wetland   |
|  | Submerged Wetland  |
|  | Open Water   |
|  | August J. Levert, Jr., Family, LLC, et al. Property Boundary |

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
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Figure 5. Wetland Delineation Map of the August J. Levert, Jr., Family, LLC, et al. property. Base Map: 2020 ESRI Aerial Source: CK Associates, LLC

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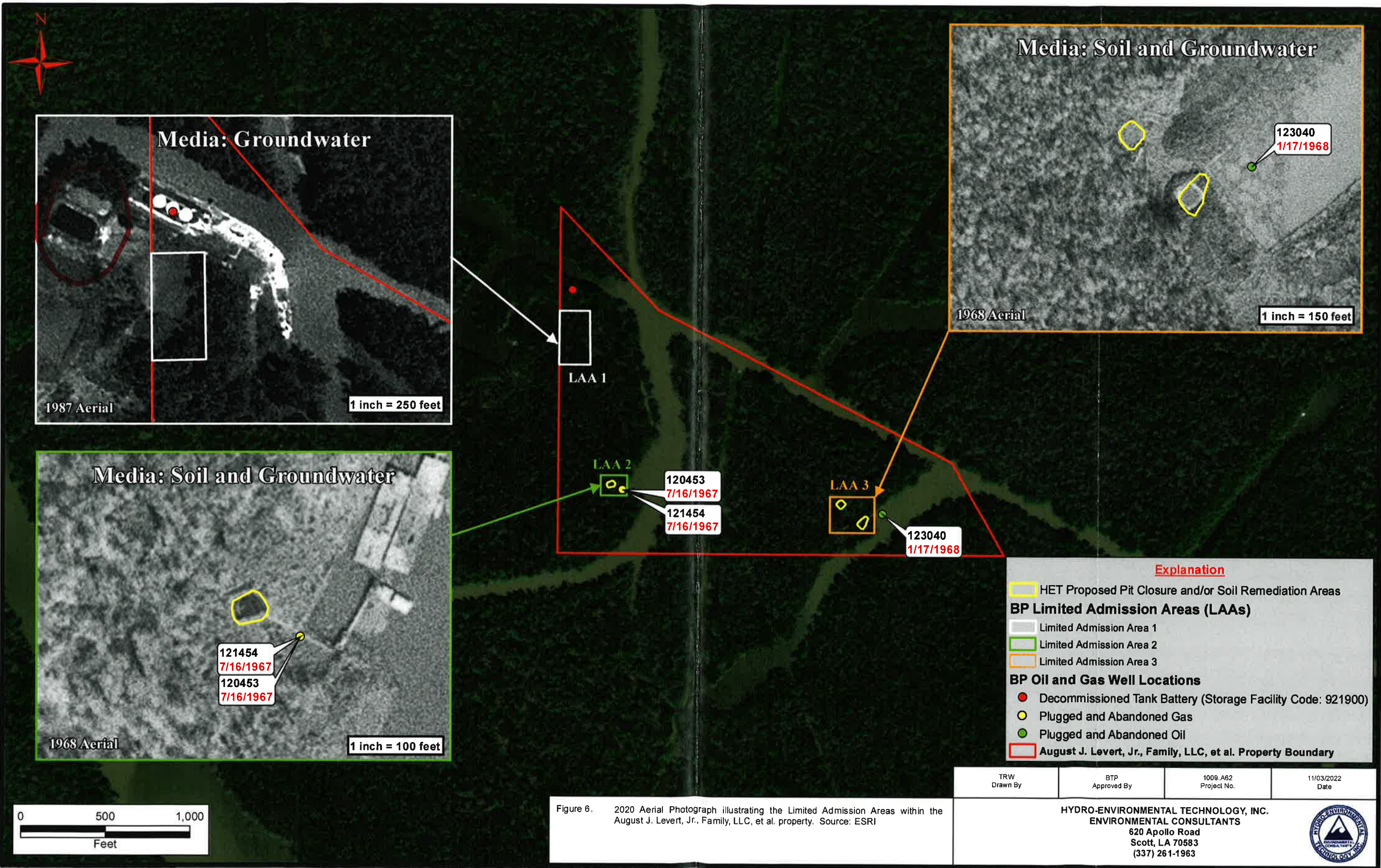
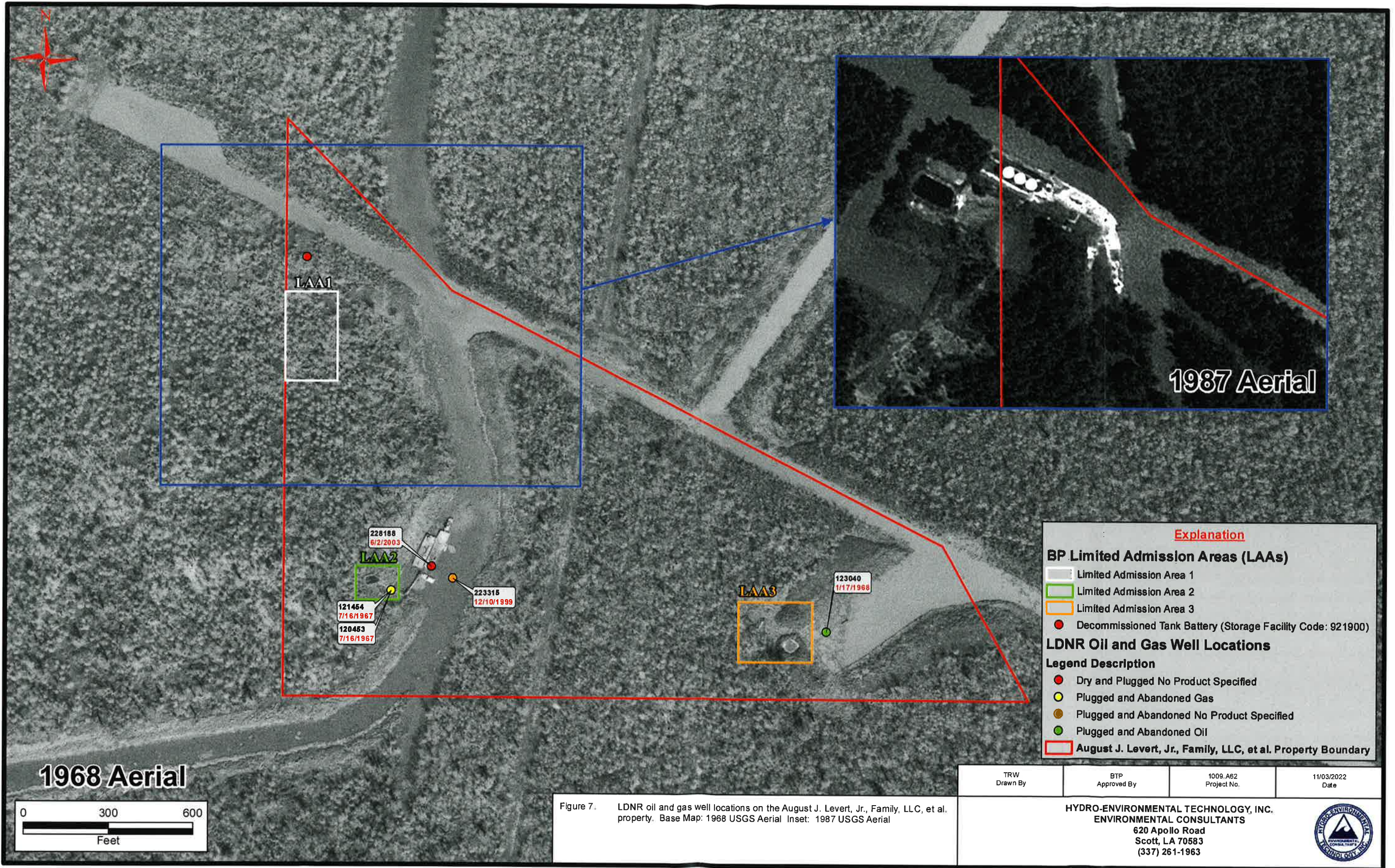


Figure 6. 2020 Aerial Photograph illustrating the Limited Admission Areas within the August J. Levert, Jr., Family, LLC, et al. property. Source: ESRI

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
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**Explanation**

**BP Limited Admission Areas (LAAs)**

- Limited Admission Area 1
- Limited Admission Area 2
- Limited Admission Area 3
- Decommissioned Tank Battery (Storage Facility Code: 921900)

**LDNR Oil and Gas Well Locations**

**Legend Description**

- Dry and Plugged No Product Specified
- Plugged and Abandoned Gas
- Plugged and Abandoned No Product Specified
- Plugged and Abandoned Oil
- August J. Levert, Jr., Family, LLC, et al. Property Boundary

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
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Figure 7. LDNR oil and gas well locations on the August J. Levert, Jr., Family, LLC, et al. property. Base Map: 1968 USGS Aerial Inset: 1987 USGS Aerial



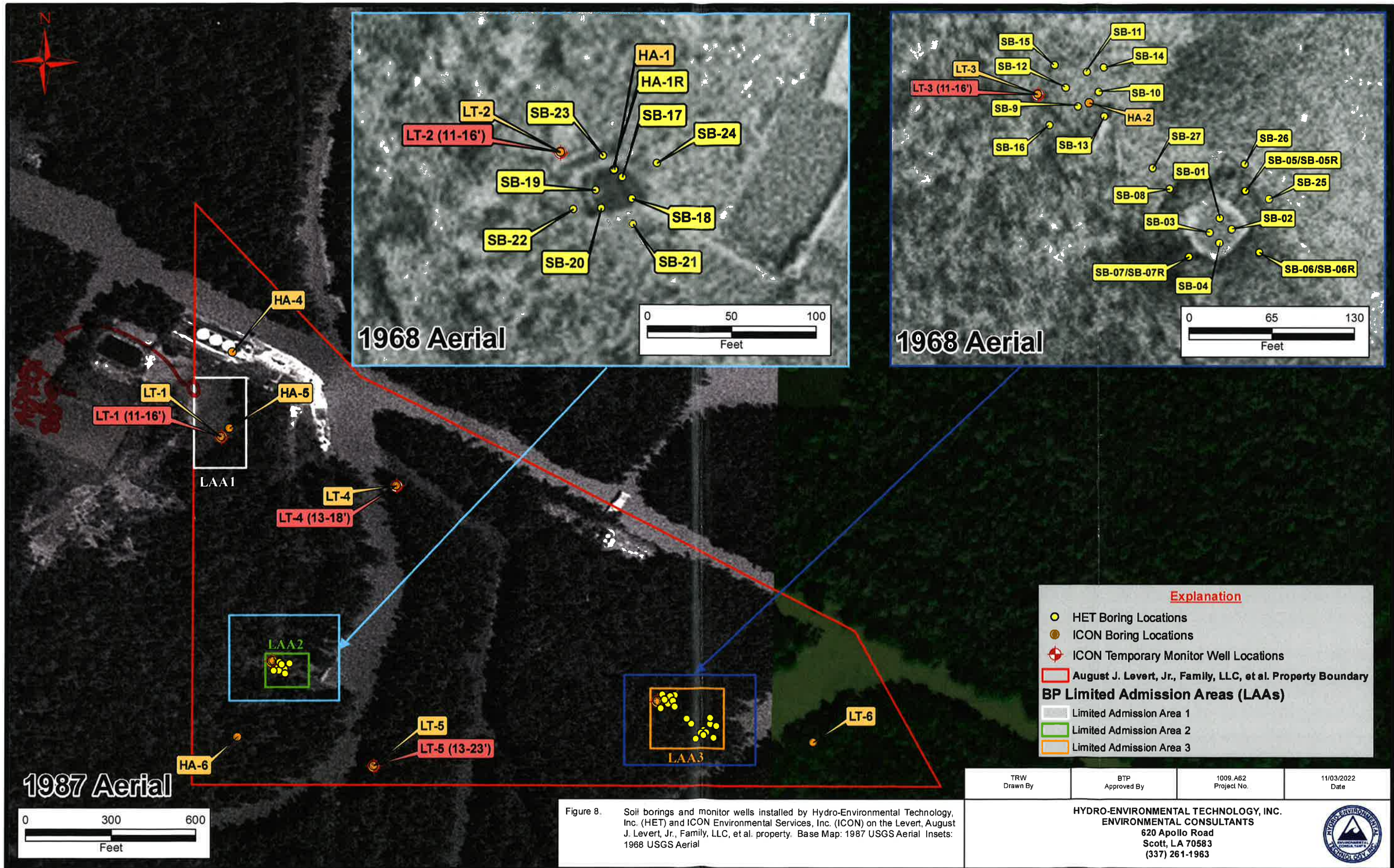


Figure 8. Soil borings and monitor wells installed by Hydro-Environmental Technology, Inc. (HET) and ICON Environmental Services, Inc. (ICON) on the Levert, August J. Levert, Jr., Family, LLC, et al. property. Base Map: 1987 USGS Aerial Insets: 1968 USGS Aerial

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
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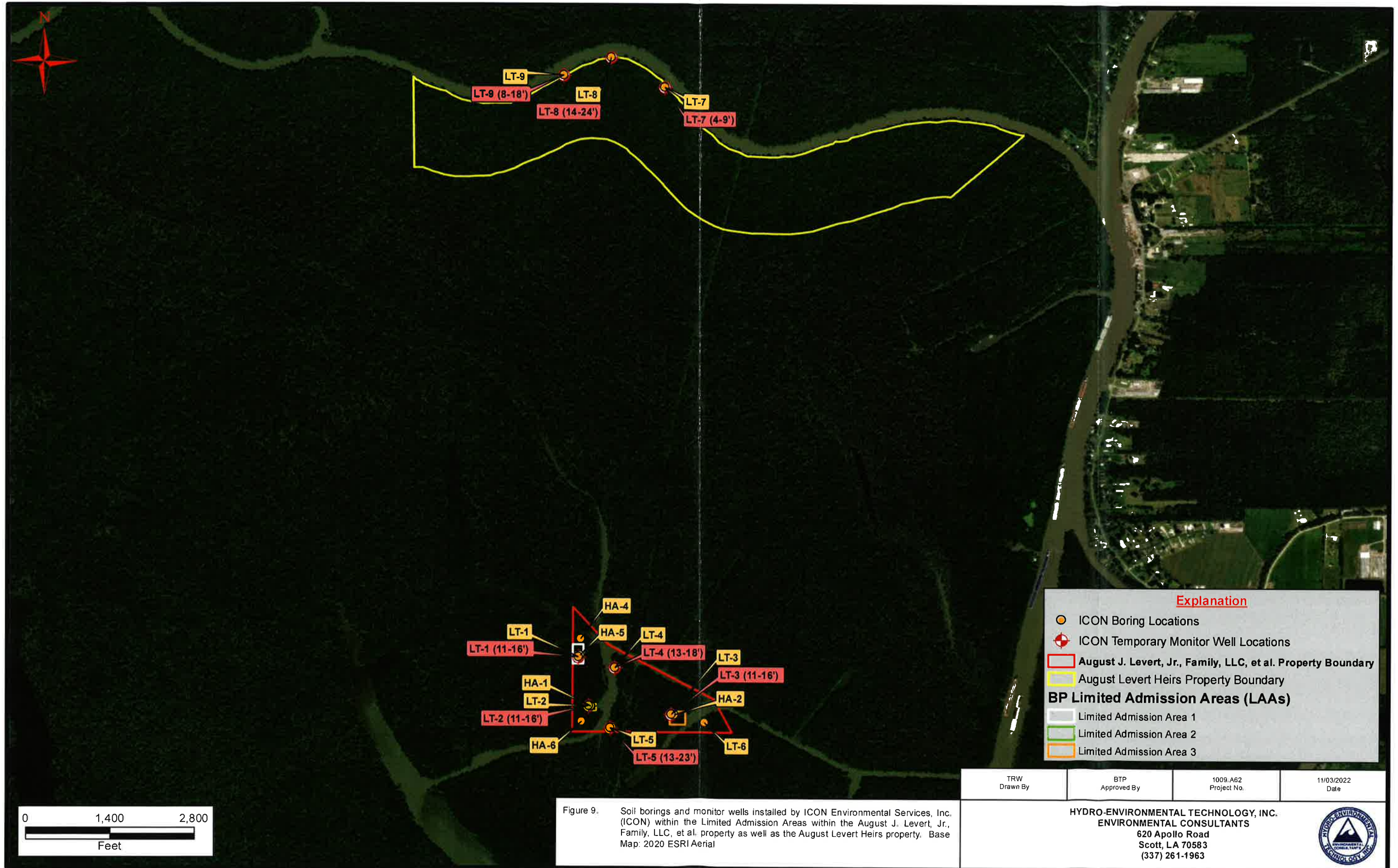


Figure 9. Soil borings and monitor wells installed by ICON Environmental Services, Inc. (ICON) within the Limited Admission Areas within the August J. Levert, Jr., Family, LLC, et al. property as well as the August Levert Heirs property. Base Map: 2020 ESRI Aerial

**Explanation**

- ICON Boring Locations
- ⊕ ICON Temporary Monitor Well Locations
- ▭ August J. Levert, Jr., Family, LLC, et al. Property Boundary
- ▭ August Levert Heirs Property Boundary

**BP Limited Admission Areas (LAAs)**

- ▭ Limited Admission Area 1
- ▭ Limited Admission Area 2
- ▭ Limited Admission Area 3

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009.A62<br>Project No. | 11/03/2022<br>Date |
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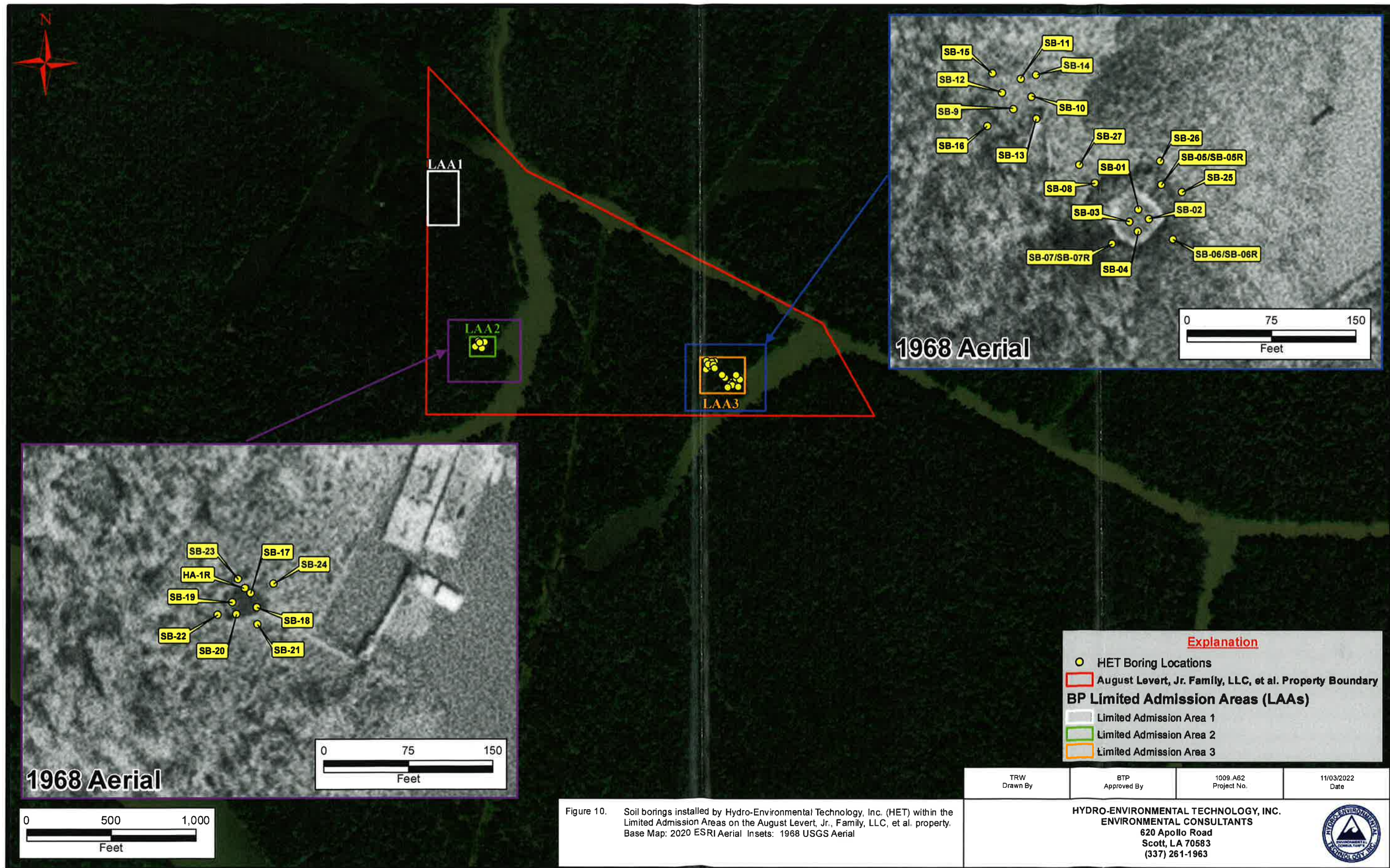
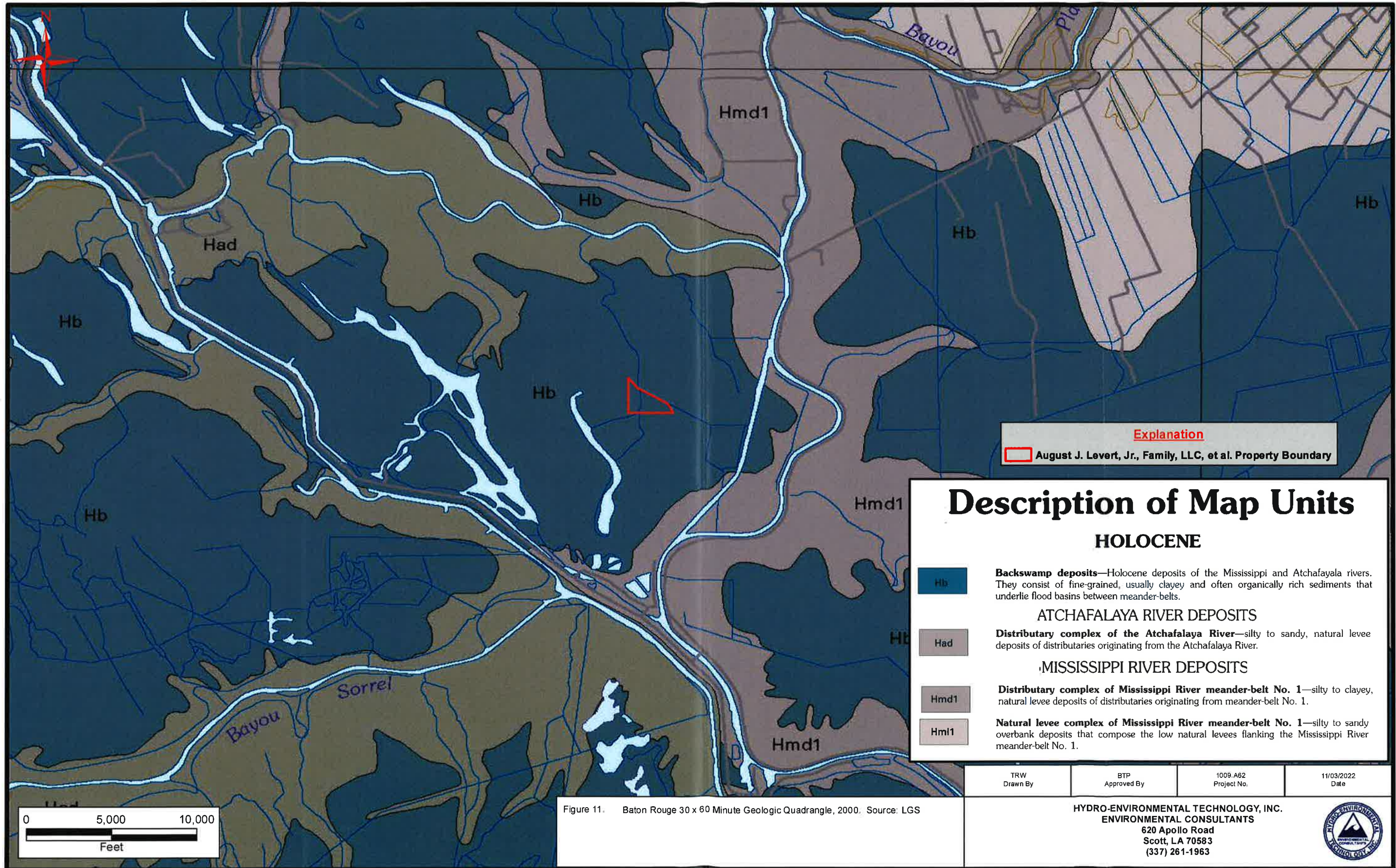



Figure 10. Soil borings installed by Hydro-Environmental Technology, Inc. (HET) within the Limited Admission Areas on the August Levert, Jr., Family, LLC, et al. property. Base Map: 2020 ESRI Aerial Insets: 1968 USGS Aerial

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
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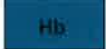

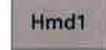
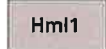




**Explanation**  
 August J. Levert, Jr., Family, LLC, et al. Property Boundary

## Description of Map Units

### HOLOCENE

-  **Backswamp deposits**—Holocene deposits of the Mississippi and Atchafalaya rivers. They consist of fine-grained, usually clayey and often organically rich sediments that underlie flood basins between meander-belts.
- ATCHAFALAYA RIVER DEPOSITS**
-  **Distributary complex of the Atchafalaya River**—silty to sandy, natural levee deposits of distributaries originating from the Atchafalaya River.
- MISSISSIPPI RIVER DEPOSITS**
-  **Distributary complex of Mississippi River meander-belt No. 1**—silty to clayey, natural levee deposits of distributaries originating from meander-belt No. 1.
-  **Natural levee complex of Mississippi River meander-belt No. 1**—silty to sandy overbank deposits that compose the low natural levees flanking the Mississippi River meander-belt No. 1.

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009 A62<br>Project No. | 11/03/2022<br>Date |
|-----------------|--------------------|-------------------------|--------------------|

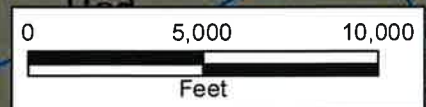
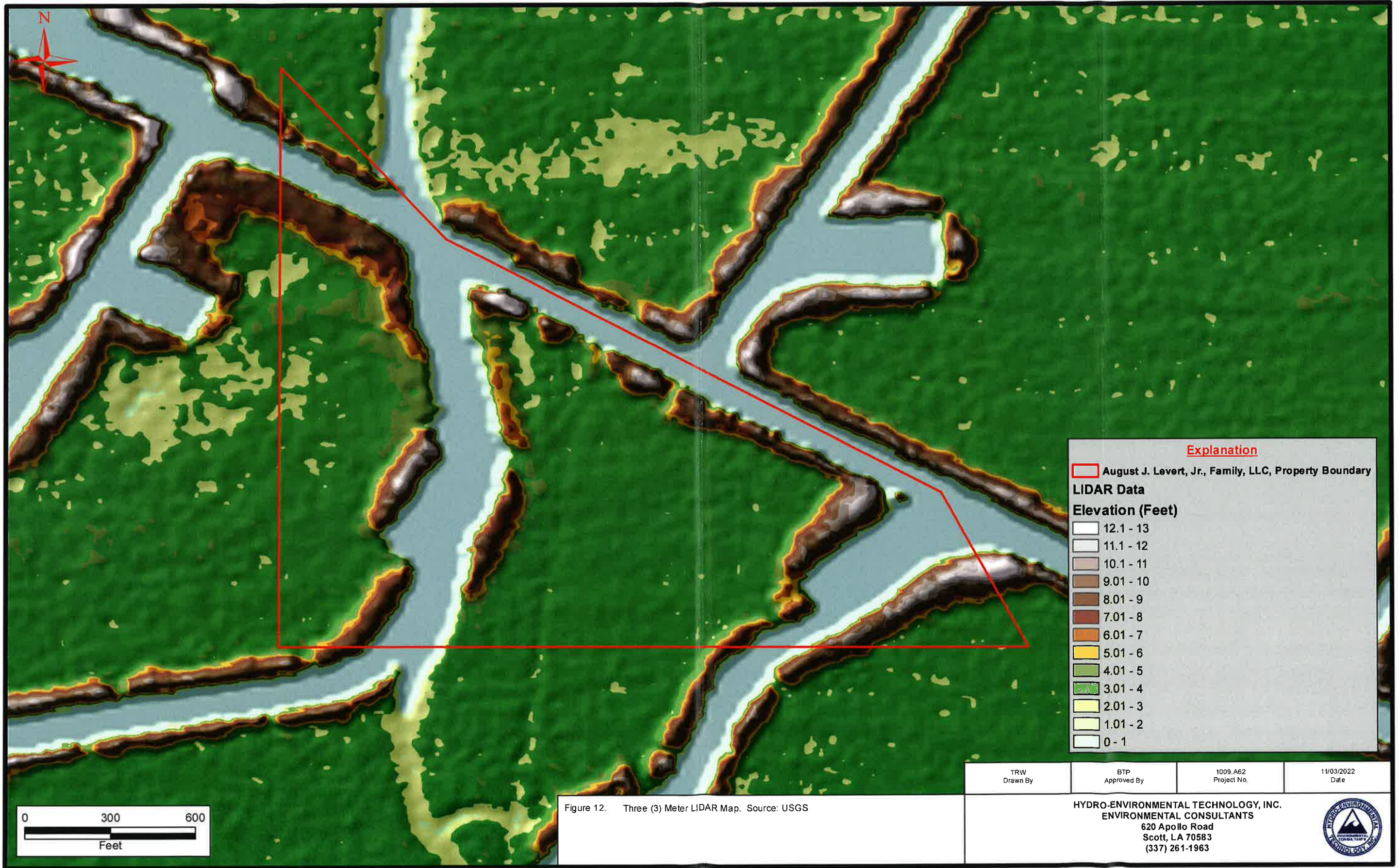


Figure 11. Baton Rouge 30 x 60 Minute Geologic Quadrangle, 2000. Source: LGS

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**Explanation**

August J. Levert, Jr., Family, LLC, Property Boundary

**LIDAR Data**

**Elevation (Feet)**

|  |           |
|--|-----------|
|  | 12.1 - 13 |
|  | 11.1 - 12 |
|  | 10.1 - 11 |
|  | 9.01 - 10 |
|  | 8.01 - 9  |
|  | 7.01 - 8  |
|  | 6.01 - 7  |
|  | 5.01 - 6  |
|  | 4.01 - 5  |
|  | 3.01 - 4  |
|  | 2.01 - 3  |
|  | 1.01 - 2  |
|  | 0 - 1     |

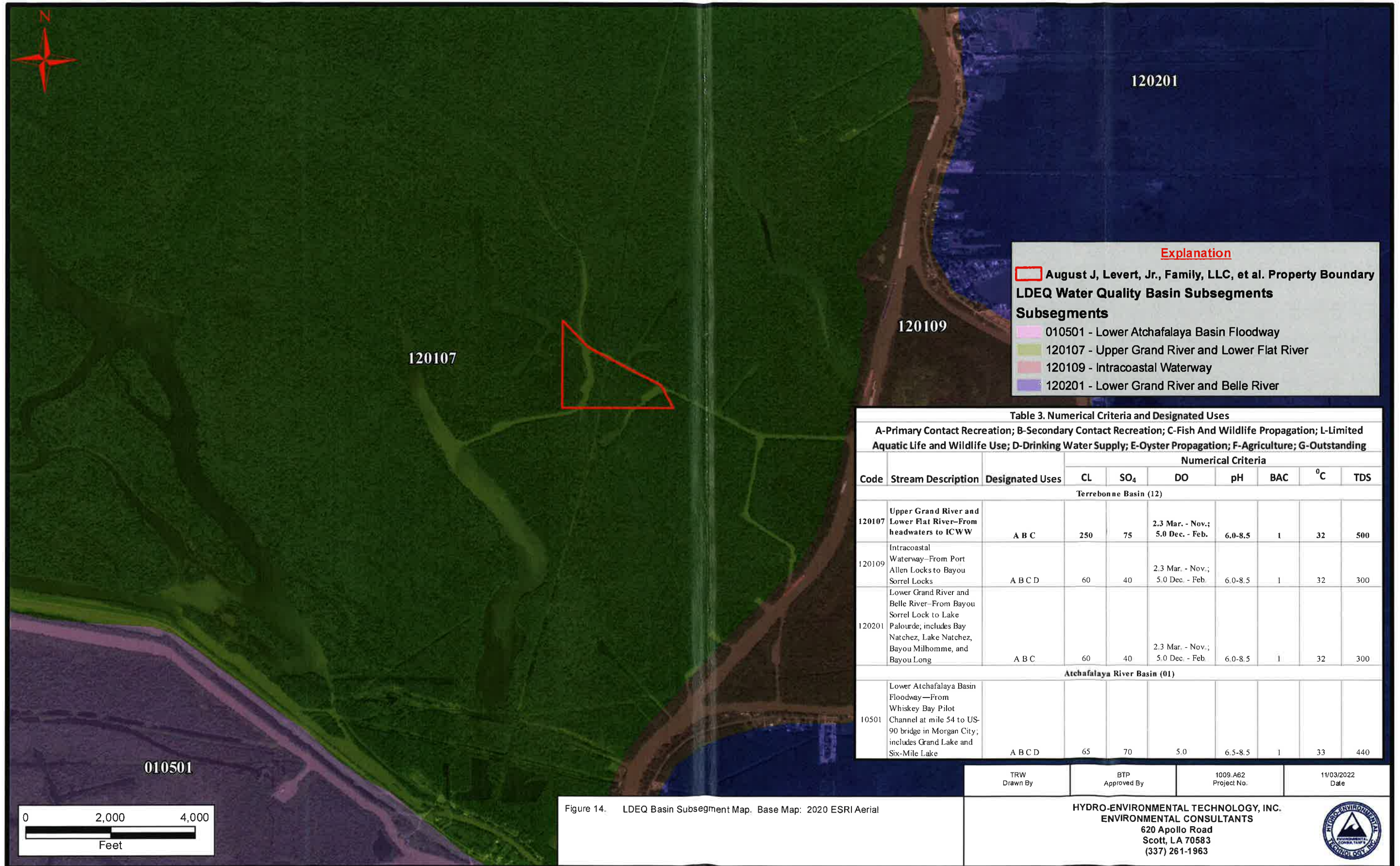
|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009.A62<br>Project No. | 11/03/2022<br>Date |
|-----------------|--------------------|-------------------------|--------------------|

Figure 12. Three (3) Meter LIDAR Map. Source: USGS

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**Explanation**

August J, Levert, Jr., Family, LLC, et al. Property Boundary

**LDEQ Water Quality Basin Subsegments**

**Subsegments**

- 010501 - Lower Atchafalaya Basin Floodway
- 120107 - Upper Grand River and Lower Flat River
- 120109 - Intracoastal Waterway
- 120201 - Lower Grand River and Belle River

**Table 3. Numerical Criteria and Designated Uses**

A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding

| Code                                | Stream Description   | Designated Uses | Numerical Criteria |                 |                                     |         |     |    |     |
|-------------------------------------|--|-----------------|--------------------|-----------------|-------------------------------------|---------|-----|----|-----|
|                                     |  |                 | CL                 | SO <sub>4</sub> | DO                                  | pH      | BAC | °C | TDS |
| <b>Terrebonne Basin (12)</b>        |  |                 |                    |                 |                                     |         |     |    |     |
| 120107                              | Upper Grand River and Lower Flat River—From headwaters to ICWW   | A B C           | 250                | 75              | 2.3 Mar. - Nov.;<br>5.0 Dec. - Feb. | 6.0-8.5 | 1   | 32 | 500 |
| 120109                              | Intracoastal Waterway—From Port Allen Locks to Bayou Sorrel Locks  | A B C D         | 60                 | 40              | 2.3 Mar. - Nov.;<br>5.0 Dec. - Feb. | 6.0-8.5 | 1   | 32 | 300 |
| 120201                              | Lower Grand River and Belle River—From Bayou Sorrel Lock to Lake Palourde; includes Bay Natchez, Lake Natchez, Bayou Milhomme, and Bayou Long    | A B C           | 60                 | 40              | 2.3 Mar. - Nov.;<br>5.0 Dec. - Feb. | 6.0-8.5 | 1   | 32 | 300 |
| <b>Atchafalaya River Basin (01)</b> |  |                 |                    |                 |                                     |         |     |    |     |
| 010501                              | Lower Atchafalaya Basin Floodway—From Whiskey Bay Pilot Channel at mile 54 to US-90 bridge in Morgan City; includes Grand Lake and Six-Mile Lake | A B C D         | 65                 | 70              | 5.0                                 | 6.5-8.5 | 1   | 33 | 440 |

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
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Figure 14. LDEQ Basin Subsegment Map. Base Map: 2020 ESRI Aerial

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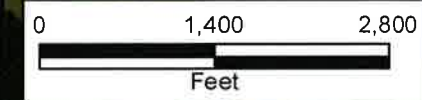
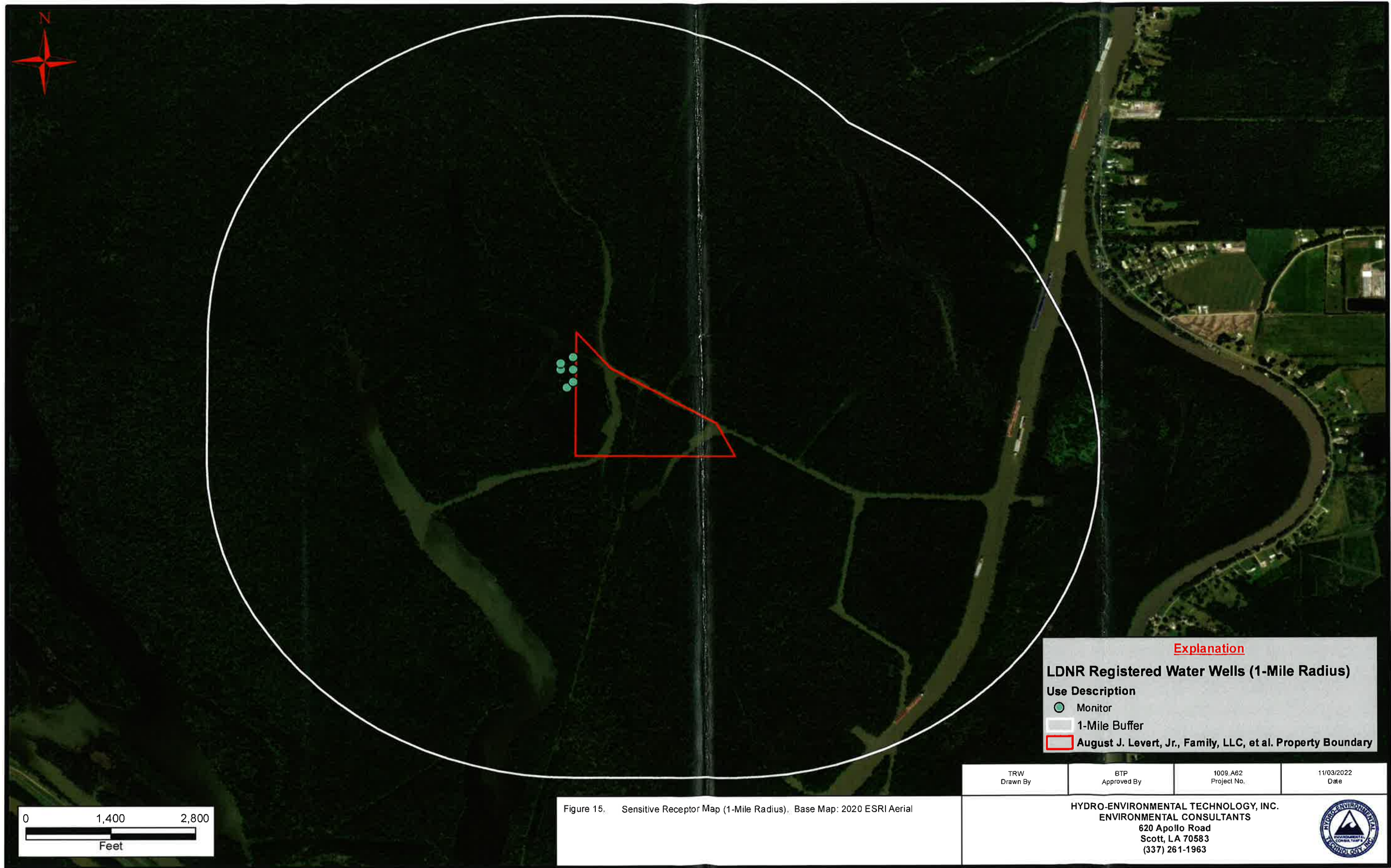


Figure 15. Sensitive Receptor Map (1-Mile Radius). Base Map: 2020 ESRI Aerial

| Explanation  |  |
|--|--|
| <b>LDNR Registered Water Wells (1-Mile Radius)</b> |  |
| <b>Use Description</b>                             |  |
|  | Monitor  |
|  | 1-Mile Buffer  |
|  | August J. Levert, Jr., Family, LLC, et al. Property Boundary |

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009 A62<br>Project No. | 11/03/2022<br>Date |
|-----------------|--------------------|-------------------------|--------------------|

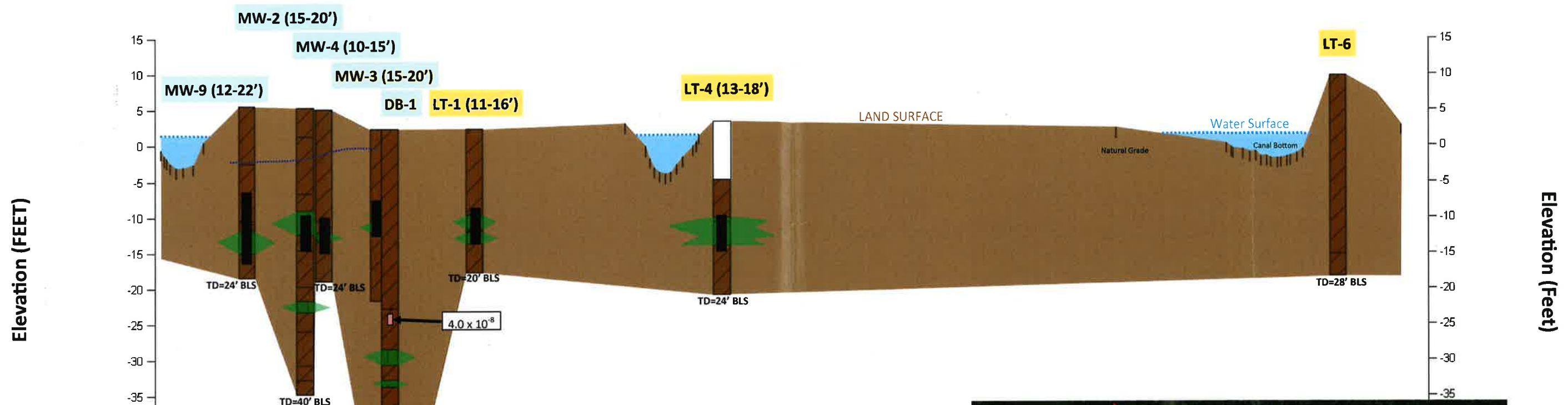
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Northwest  
**A**

Southeast  
**A'**



Elevation (FEET)

Elevation (Feet)

**EXPLANATION**

|  |                       |  |  |
|--|-----------------------|--|--|
|  | CLAY                  |  | CLAY DOMINANT                            |
|  | SILT                  |  | SILT DOMINANT                            |
|  | WATER                 |  |  |
|  | No Recovery           |  | MW-2 HET Boring/Well (Screened Interval) |
|  | Vertical Permeability |  | LT-6 ERM Boring/Well (Screened Interval) |
|  | WELL SCREEN           |  | Groundwater Elevation (07/28/2022)       |

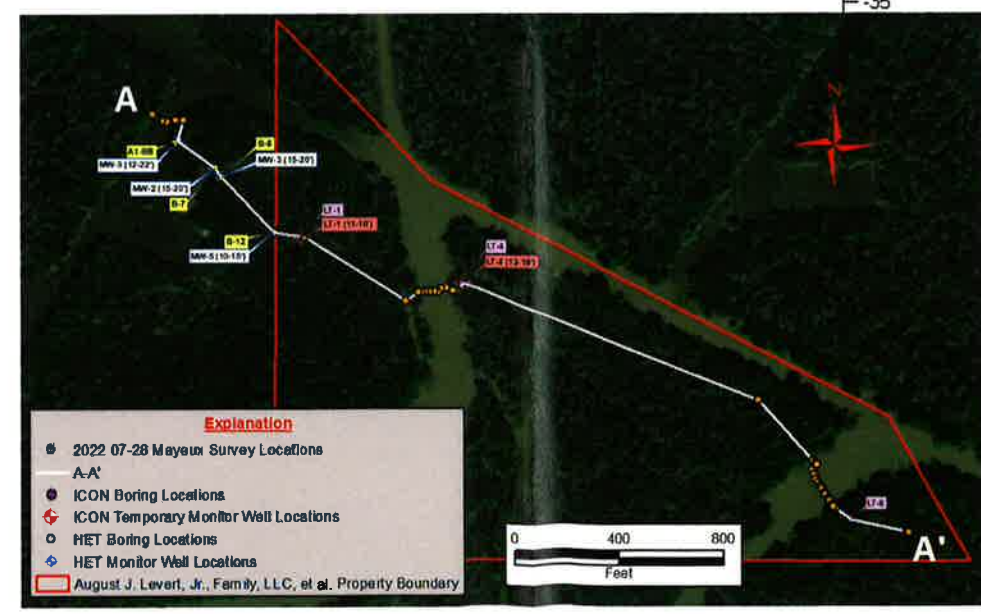


Figure 16.

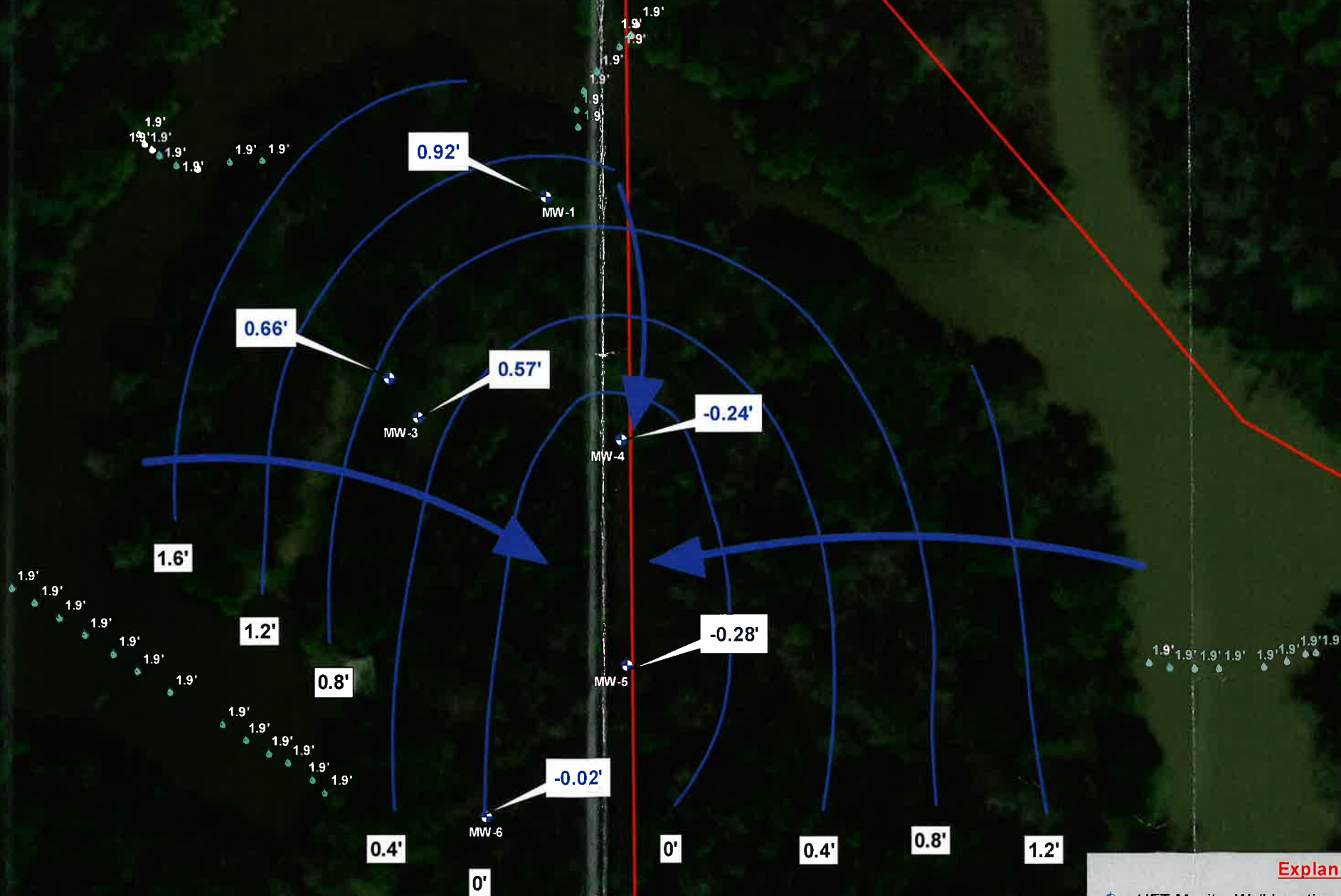
Lithologic Cross Section A-A'

Note: Mayeux survey data utilized for canal bottoms and natural grade locations (LT-6 boring elevation data was obtained from L-DAR Data).

|                 |                    |                       |                    |
|-----------------|--------------------|-----------------------|--------------------|
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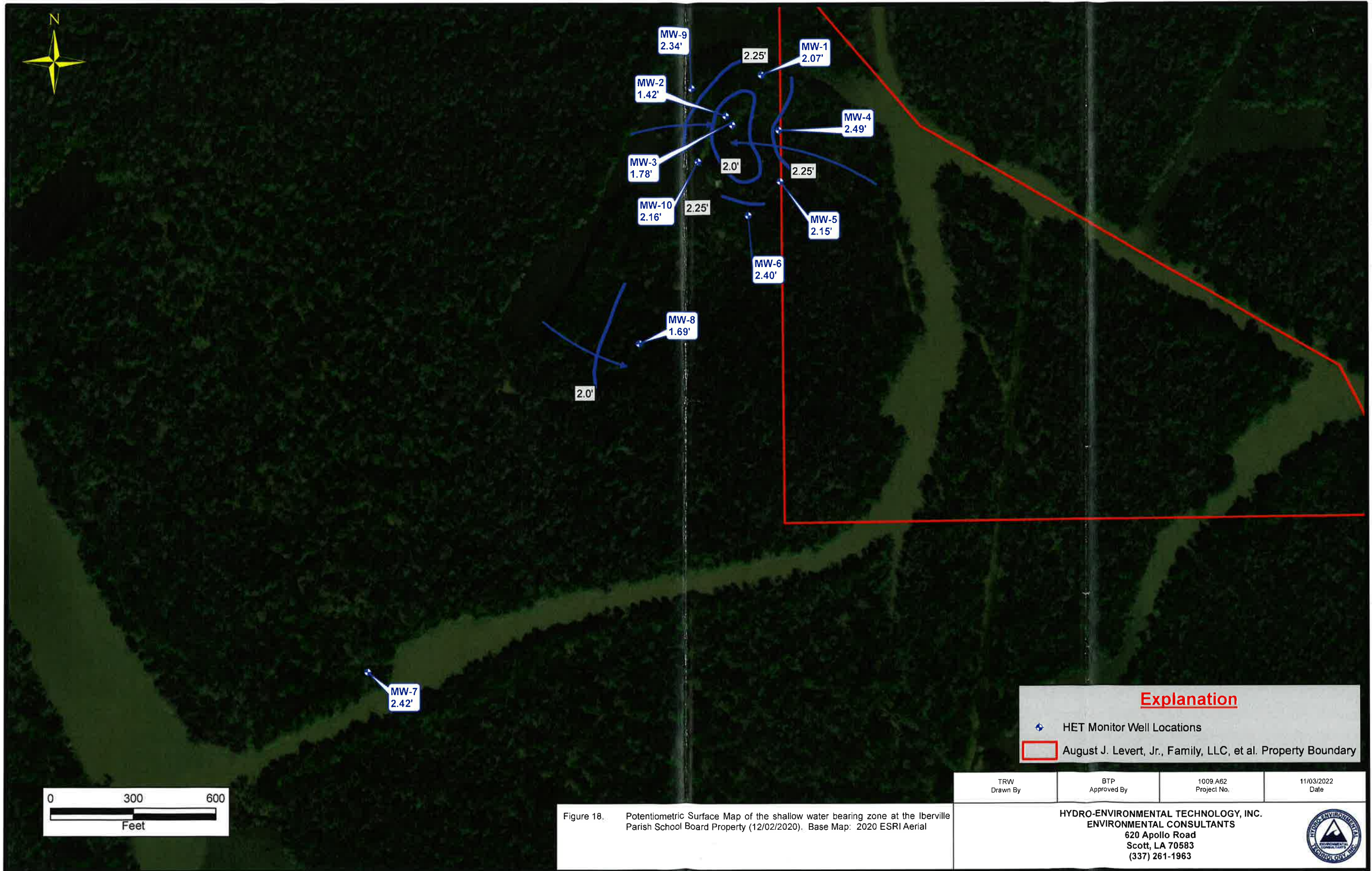


| Explanation |  |  |  |
|-------------|--|--|--|
|             | HET Monitor Well Locations                                   |  |  |
|             | Mayeux Survey Surface Water Locations (10/13/15)             |  |  |
|             | August J. Levert, Jr., Family, LLC, et al. Property Boundary |  |  |



|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| RJB<br>Drawn By | BTP<br>Approved By | 1009.A62<br>Project No. | 11/03/2022<br>Date |
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Figure 17. Potentiometric Surface Map (10/13/15). Base Map: 2020 ESRI Aerial

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**Explanation**

-  HET Monitor Well Locations
-  August J. Levert, Jr., Family, LLC, et al. Property Boundary

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009 A62<br>Project No. | 11/03/2022<br>Date |
|-----------------|--------------------|-------------------------|--------------------|

Figure 18. Potentiometric Surface Map of the shallow water bearing zone at the Iberville Parish School Board Property (12/02/2020). Base Map: 2020 ESRI Aerial

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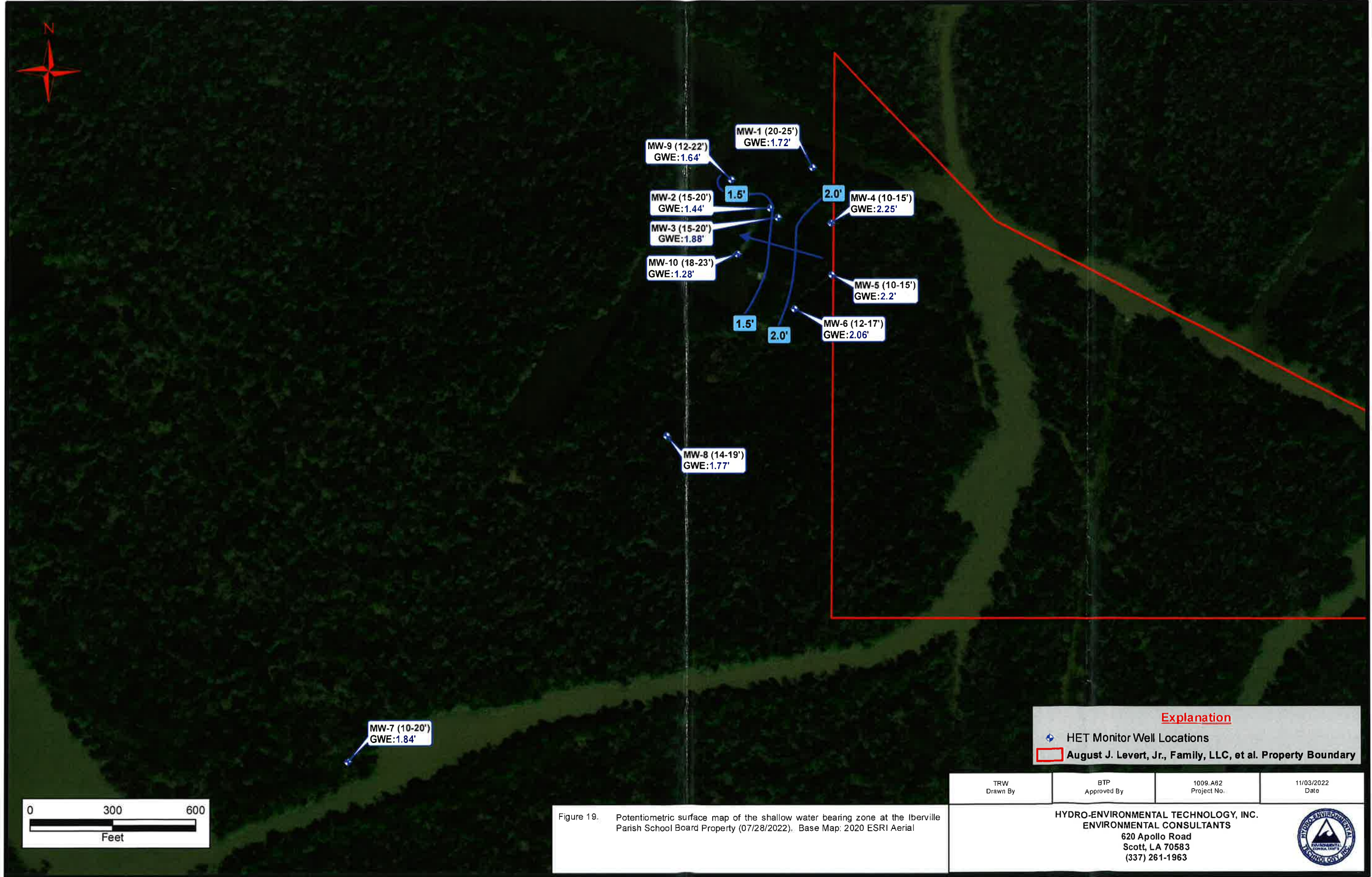
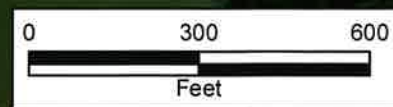


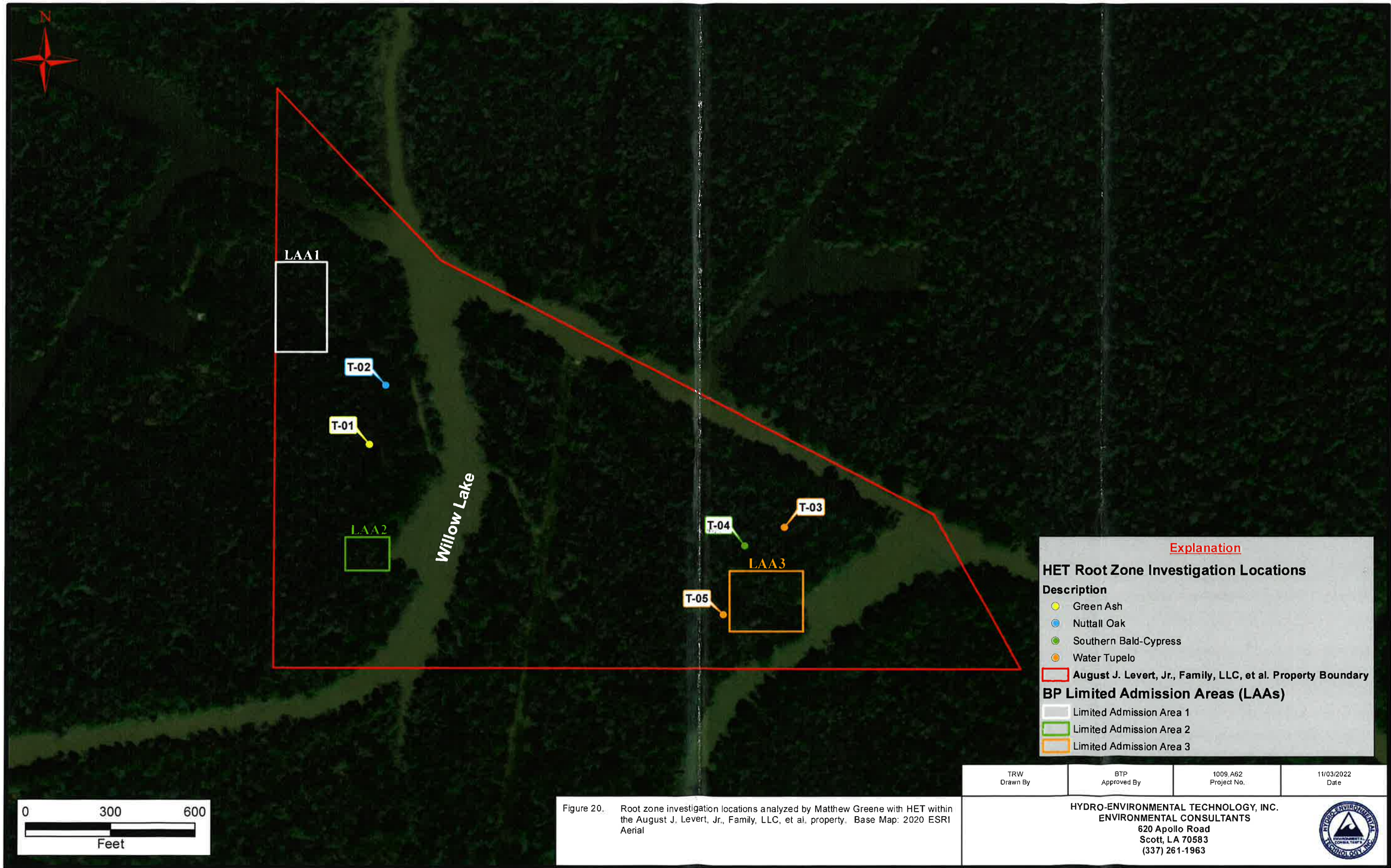
Figure 19. Potentiometric surface map of the shallow water bearing zone at the Iberville Parish School Board Property (07/28/2022). Base Map: 2020 ESRI Aerial

| Explanation |  |  |  |
|-------------|--|--|--|
|             | HET Monitor Well Locations                                   |  |  |
|             | August J. Levert, Jr., Family, LLC, et al. Property Boundary |  |  |

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
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**Explanation**

**HET Root Zone Investigation Locations**

**Description**

- Green Ash
- Nuttall Oak
- Southern Bald-Cypress
- Water Tupelo

▭ August J. Levert, Jr., Family, LLC, et al. Property Boundary

**BP Limited Admission Areas (LAAs)**

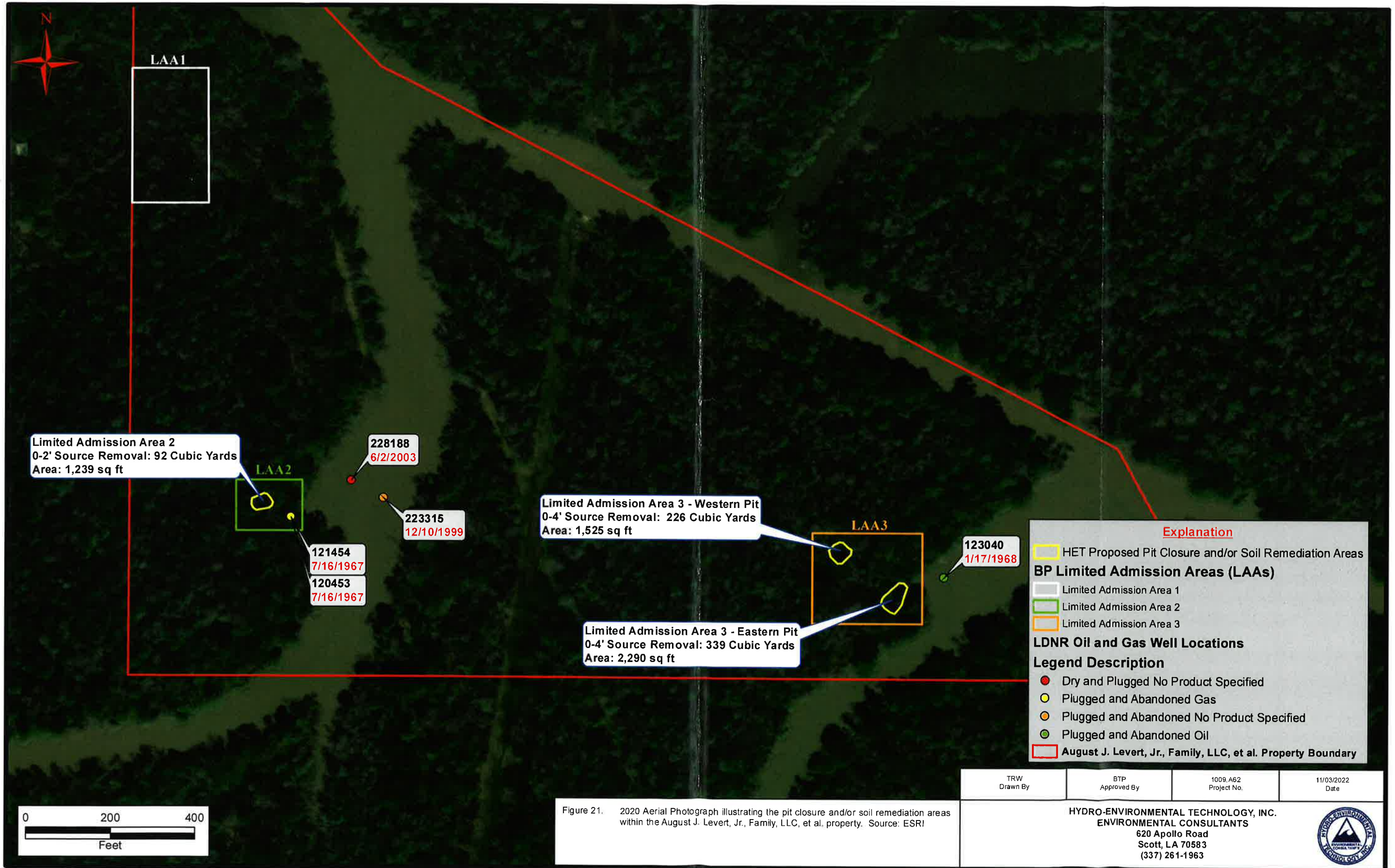
- ▭ Limited Admission Area 1
- ▭ Limited Admission Area 2
- ▭ Limited Admission Area 3

|                 |                    |                         |                    |
|-----------------|--------------------|-------------------------|--------------------|
| TRW<br>Drawn By | BTP<br>Approved By | 1009 A62<br>Project No. | 11/03/2022<br>Date |
|-----------------|--------------------|-------------------------|--------------------|

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Figure 20. Root zone investigation locations analyzed by Matthew Greene with HET within the August J. Levert, Jr., Family, LLC, et al. property. Base Map: 2020 ESRI Aerial



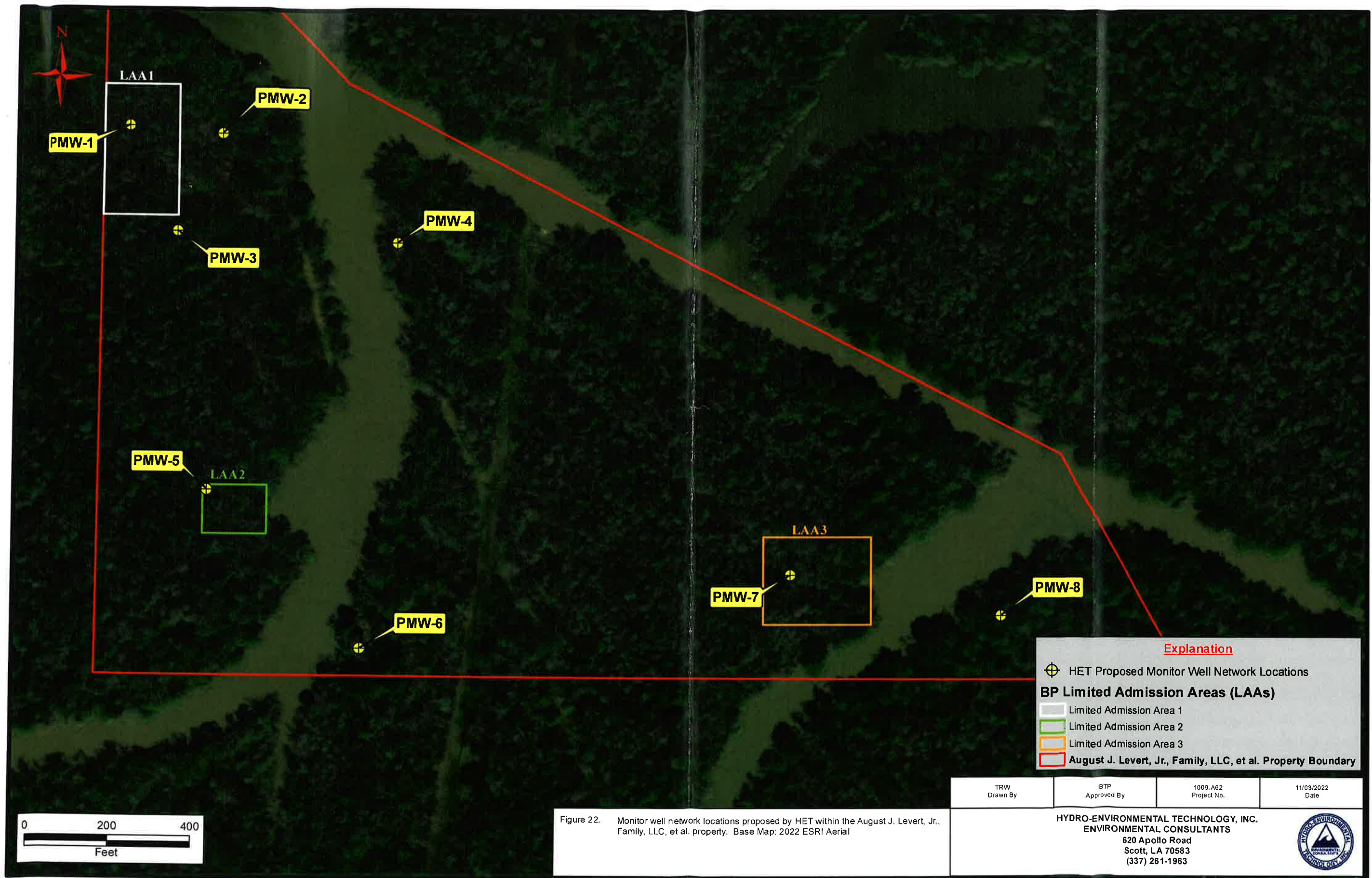


Figure 22. Monitor well network locations proposed by HET within the August J. Levert, Jr., Family, LLC, et al. property. Base Map: 2022 ESRI Aerial

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