



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT
100 W. OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3604

SAS-RD-C

April 29, 2024

MEMORANDUM FOR RECORD

SUBJECT: US Army Corps of Engineers (Corps) Pre-2015 Regulatory Regime Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023),¹ SAS-2022-00329

BACKGROUND. An Approved Jurisdictional Determination (AJD) is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel. AJDs are clearly designated appealable actions and will include a basis of JD with the document.² AJDs are case-specific and are typically made in response to a request. AJDs are valid for a period of five years unless new information warrants revision of the determination before the expiration date or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.³ For the purposes of this AJD, we have relied on section 10 of the Rivers and Harbors Act of 1899 (RHA),⁴ the Clean Water Act (CWA) implementing regulations published by the Department of the Army in 1986 and amended in 1993 (references 2.a. and 2.b. respectively), the 2008 *Rapanos-Carabell* guidance (reference 2.c.), and other applicable guidance, relevant case law and longstanding practice, (collectively the pre-2015 regulatory regime), and the *Sackett* decision (reference 2.d.) in evaluating jurisdiction.

This Memorandum for Record (MFR) constitutes the basis of jurisdiction for a Corps AJD as defined in 33 CFR §331.2. The features addressed in this AJD were evaluated consistent with the definition of “waters of the United States” found in the pre-2015 regulatory regime and consistent with the Supreme Court’s decision in *Sackett*. This AJD did not rely on the 2023 “Revised Definition of ‘Waters of the United States,’” as amended on 8 September 2023 (Amended 2023 Rule) because, as of the date of this decision, the Amended 2023 Rule is not applicable in this state due to litigation.

¹ While the Supreme Court’s decision in *Sackett* had no effect on some categories of waters covered under the CWA, and no effect on any waters covered under RHA, all categories are included in this Memorandum for Record for efficiency.

² 33 CFR 331.2.

³ Regulatory Guidance Letter 05-02.

⁴ USACE has authority under both Section 9 and Section 10 of the Rivers and Harbors Act of 1899 but for convenience, in this MFR, jurisdiction under RHA will be referred to as Section 10.

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1. SUMMARY OF CONCLUSIONS.

- a. Provide a list of each individual feature within the review area and the jurisdictional status of each one (i.e., identify whether each feature is/is not a water of the United States and/or a navigable water of the United States).

Name of Aquatic Resource	JD or Non-JD	Section 404/Section 10
Wetland A (WA)	JD	Section 404
Wetland B (WB)	JD	Section 404
Wetland C (WC)	JD	Section 404
Wetland D (WD)	JD	Section 404
Wetland E (WE)	JD	Section 404
Wetland F (WF)	JD	Section 404
Pond A (PA)	Non-JD	N/A
Pond B (PB)	Non-JD	N/A
Pond C (PC)	JD	Section 404

2. REFERENCES.

- a. Final Rule for Regulatory Programs of the Corps of Engineers, 51 FR 41206 (November 13, 1986).
- b. Clean Water Act Regulatory Programs, 58 FR 45008 (August 25, 1993).
- c. U.S. EPA & U.S. Army Corps of Engineers, Clean Water Act Jurisdiction Following the U.S. Supreme Court's Decision in *Rapanos v. United States & Carabell v. United States* (December 2, 2008)
- d. *Sackett v. EPA*, 598 U.S. ___, 143 S. Ct. 1322 (2023)
- e. 2003 SWANCC guidance
- f. 2008 Rapanos Guidance

3. REVIEW AREA. The review area is an approximately 183.73-acre site located on Islands Highway, adjacent to US Interstate 95, in Midway, Liberty County, Georgia (Latitude 31.7816, Longitude -81.3744).

4. NEAREST TRADITIONAL NAVIGABLE WATER (TNW), INTERSTATE WATER, OR THE TERRITORIAL SEAS TO WHICH THE AQUATIC RESOURCE IS

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CONNECTED.⁵ Jones Creek is the nearest TNW. The review area is located approximately 1.4 miles from Jones Creek. This determination was made based on a review of desktop data resources listed in Section 9 of this memorandum including review of the SAS Section 10 Waters list.

5. FLOWPATH FROM THE SUBJECT AQUATIC RESOURCES TO A TNW, INTERSTATE WATER, OR THE TERRITORIAL SEAS. Wetlands A, B, C, D and E are wetlands that meet the hydrophytic vegetation, wetland hydrology, and hydric soil criteria of the 1987 Corps of Engineers Wetland Delineation Manual and the Atlantic Gulf Coastal Plain Regional Supplement. Although labelled Wetland A, Wetland B, Wetland C, Wetland D and Wetland E, WA, WB, WC, WD, and WE function as one wetland (Wetland A/B/C/D/E). This larger wetland that includes Wetland A/B/C/D/E abuts Jones Creek, a TNW. Wetland F is a wetland that meets the hydrophytic vegetation, wetland hydrology, and hydric soil criteria of the 1987 Corps of Engineers Wetland Delineation Manual and the Atlantic Gulf Coastal Plain Regional Supplement. There is a ditch/swale extending north from Wetland F towards Pond C that goes to a culvert at the road which extends to Pond C. Pond C has a culvert on the northeast side of the ponds that goes under the road and connects to Wetland D which is part of Wetland A/B/C/D/E which abuts Jones Creek.
6. SECTION 10 JURISDICTIONAL WATERS⁶: Describe aquatic resources or other features within the review area determined to be jurisdictional in accordance with Section 10 of the Rivers and Harbors Act of 1899. Include the size of each aquatic resource or other feature within the review area and how it was determined to be jurisdictional in accordance with Section 10.⁷ N/A
7. SECTION 404 JURISDICTIONAL WATERS: Describe the aquatic resources within the review area that were found to meet the definition of waters of the United States in accordance with the pre-2015 regulatory regime and consistent with the Supreme

⁵ This MFR should not be used to complete a new stand-alone TNW determination. A stand-alone TNW determination for a water that is not subject to Section 9 or 10 of the Rivers and Harbors Act of 1899 (RHA) is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established.

⁶ 33 CFR 329.9(a) A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) of this part) retains its character as “navigable in law” even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions.

⁷ This MFR is not to be used to make a report of findings to support a determination that the water is a navigable water of the United States. The district must follow the procedures outlined in 33 CFR part 329.14 to make a determination that water is a navigable water of the United States subject to Section 10 of the RHA.

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Court's decision in *Sackett*. List each aquatic resource separately, by name, consistent with the naming convention used in section 1, above. Include a rationale for each aquatic resource, supporting that the aquatic resource meets the relevant category of "waters of the United States" in the pre-2015 regulatory regime. The rationale should also include a written description of, or reference to a map in the administrative record that shows, the lateral limits of jurisdiction for each aquatic resource, including how that limit was determined, and incorporate relevant references used. Include the size of each aquatic resource in acres or linear feet and attach and reference related figures as needed.

- a. TNWs (a)(1): N/A
- b. Interstate Waters (a)(2): N/A
- c. Other Waters (a)(3): N/A
- d. Impoundments (a)(4): N/A
- e. Tributaries (a)(5): N/A
- f. The territorial seas (a)(6): N/A
- g. Adjacent wetlands (a)(7):

Name of Aquatic Resource	Size (in acres)	Contiguous with or abutting? If so, list water	Describe continuous surface connection
Wetland A/B/C/D/E Wetland A Wetland B Wetland C Wetland D Wetland E	15.19 1.24 0.14 44.06 0.01	Yes, Jones Creek	Although labelled Wetland A, Wetland B, Wetland C, Wetland D and Wetland E, WA, WB, WC, WD, and WE function as one wetland (Wetland A/B/C/D/E). This larger wetland that includes Wetland A/B/C/D/E abuts Jones Creek, a TNW.
Wetland F	1.48	No.	There is a ditch/swale extending north from Wetland F towards Pond

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			C that goes to a culvert at the road which extends to Pond C. Pond C has a culvert on the northeast side of the ponds that goes under the road and connects to Wetland D which is part of Wetland A/B/C/D/E which abuts Jones Creek.
Pond C	15.96	No.	Pond C has a culvert on the northeast side of the ponds that goes under the road and connects to Wetland D which is part of Wetland A/B/C/D/E which abuts Jones Creek.

Based on review of desktop data resources described in Section 9 of this memorandum and a Corps site visit on September 28, 2022, Wetland A/B/C/D/E is determined to be jurisdictional. Although labelled Wetland A, Wetland B, Wetland C, Wetland D and Wetland E, WA, WB, WC, WD, and WE function as one wetland (Wetland A/B/C/D/E). This larger wetland that includes Wetland A/B/C/D/E abuts Jones Creek, a TNW. This determination is supported by LiDAR (which shows that based off of 1' contours, there is no significant increase in elevation between the wetlands), NWI and NRCS hydric soil mapping which shows similar hydric soils in the area of the wetlands. Wetland F is a wetland that meets the hydrophytic vegetation, wetland hydrology, and hydric soil criteria of the 1987 Corps of Engineers Wetland Delineation Manual and the Atlantic Gulf Coastal Plain Regional Supplement. There is a ditch/swale extending north from Wetland F towards Pond C that goes to a culvert at the road which extends to Pond C. This ditch/swale can also be seen on LiDAR; therefore, Wetland F is determined to be jurisdictional. Pond C is an open water wetland that has a continuous flowpath to a TNW. Pond C has a culvert on the northeast side of the ponds that goes under the road and connects to Wetland D which is part of Wetland A/B/C/D/E which abuts Jones Creek. Pond C has a continuous surface connection to a TNW so Pond C is determined to be jurisdictional.

8. NON-JURISDICTIONAL AQUATIC RESOURCES AND FEATURES

- a. Describe aquatic resources and other features within the review area identified as “generally non-jurisdictional” in the preamble to the 1986 regulations (referred to as “preamble waters”).⁸ Include size of the aquatic resource or feature within the review area and describe how it was determined to be non-jurisdictional under the CWA as a preamble water. N/A
- b. Describe aquatic resources and features within the review area identified as “generally not jurisdictional” in the *Rapanos* guidance. Include size of the aquatic resource or feature within the review area and describe how it was determined to be non-jurisdictional under the CWA based on the criteria listed in the guidance. N/A
- c. Describe aquatic resources and features identified within the review area as waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA. Include the size of the waste treatment system within the review area and describe how it was determined to be a waste treatment system. N/A
- d. Describe aquatic resources and features within the review area determined to be prior converted cropland in accordance with the 1993 regulations (reference 2.b.). Include the size of the aquatic resource or feature within the review area and describe how it was determined to be prior converted cropland. N/A
- e. Describe aquatic resources (i.e., lakes and ponds) within the review area, which do not have a nexus to interstate or foreign commerce, and prior to the January 2001 Supreme Court decision in “*SWANCC*,” would have been jurisdictional based solely on the “Migratory Bird Rule.” Include the size of the aquatic resource or feature, and how it was determined to be an “isolated water” in accordance with *SWANCC*. N/A
- f. Describe aquatic resources and features within the review area that were determined to be non-jurisdictional because they do not meet one or more categories of waters of the United States under the pre-2015 regulatory regime consistent with the Supreme Court’s decision in *Sackett* (e.g., tributaries that are non-relatively permanent waters; non-tidal wetlands that do not have a continuous surface connection to a jurisdictional water).

⁸ 51 FR 41217, November 13, 1986.

Name of excluded feature	Size (in acres)	Type of resource generally not jurisdictional
Pond A	0.79	Wetland lacks a continuous surface connection to water of the US
Pond B	2.73	Wetland lacks a continuous surface connection to water of the US

Pond A is a closed depressional wetland surrounded by uplands approximately 1-2 feet higher than the average surface elevation within the pond. There were no connections observed between Pond A and any of the wetlands within the project review area which is also supported by LiDAR and NWI mapping. There is no evidence of any surface connection between Pond A and a water of the US. Pond B is a closed depressional wetland surrounded by uplands approximately 1-2 feet higher than the average surface elevation within the pond. There were no connections observed between Pond B and any of the wetlands within the project review area which is also supported by LiDAR and NWI mapping. There is no evidence of any surface connection between Pond B and a water of the US. Based on these findings through review of desktop data resources described in Section 9 of this memorandum and a Corps site visit on September 28, 2022, Pond A and Pond B are determined to be non-jurisdictional.

9. DATA SOURCES. List sources of data/information used in making determination. Include titles and dates of sources used and ensure that information referenced is available in the administrative record.
 - a. Office (Desk) Determination: April 2024
Corps Site Visit: September 28, 2022
 - b. Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Approved Jurisdictional Determination request and exhibit submitted by [REDACTED].
 - c. Data sheets prepared/submitted by or on behalf of the applicant/consultant: submitted by [REDACTED].
 - d. U.S. Geological Survey map(s): Liberty County 1'=1,000 ft.
 - e. U.S. Geological Survey Hydrologic Atlas: HUC 12 - 030602040501.
 - f. USDA Natural Resources Conservation Soil Survey: Liberty County, GA.

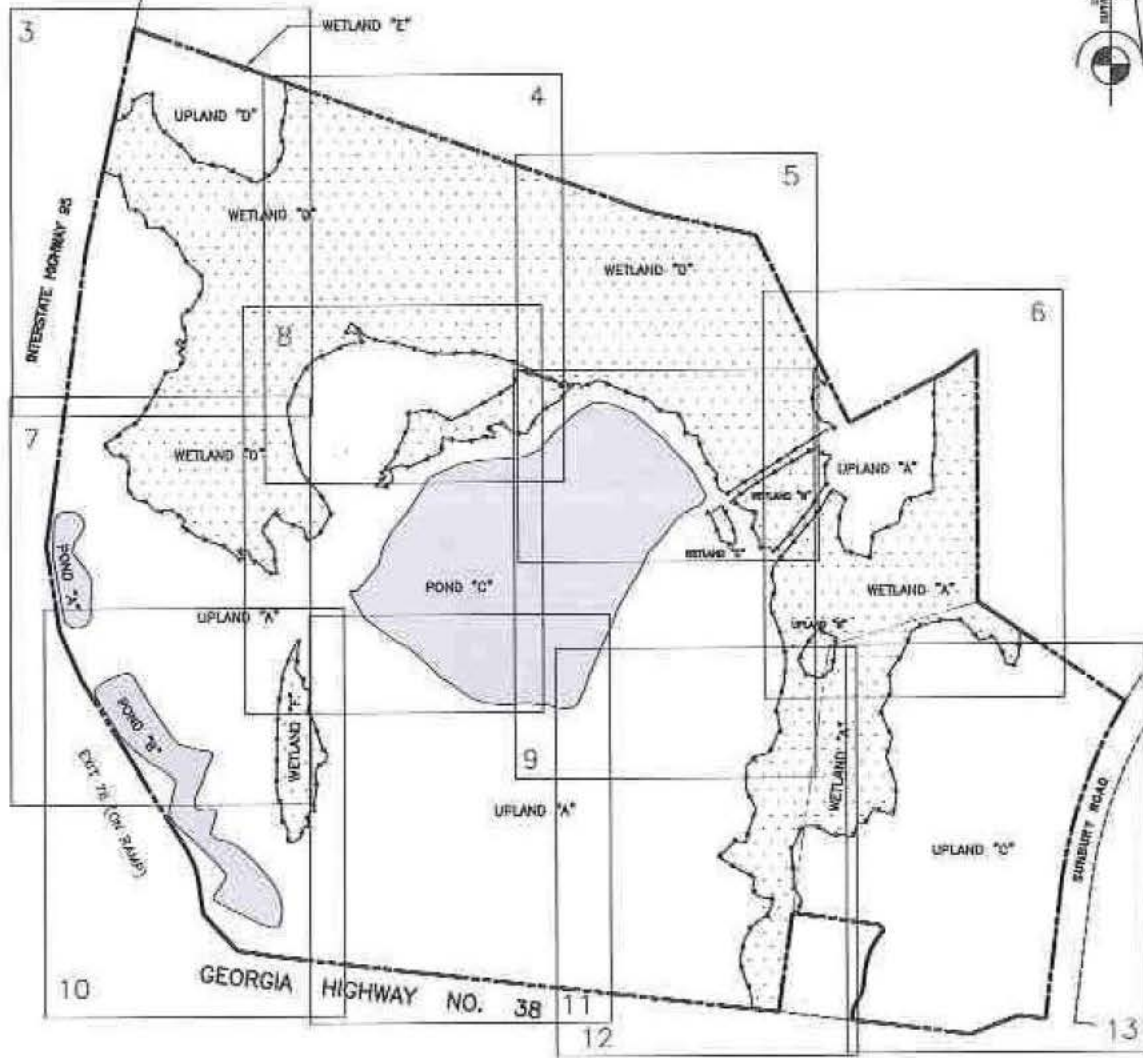
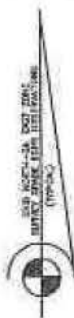
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- g. National Wetlands Inventory map(s): Liberty County, GA.
- h. Photographs: 1999, 2005 and 2023 Google Earth Aerial Imagery and 2022 Ortho Aerial Imagery.
- i. 20190625 Section 10 Waters List - Savannah District
- j. NOAA Topographic LiDAR: 2018 NOAA LiDAR.

10. OTHER SUPPORTING INFORMATION. N/A

11. NOTE: The structure and format of this MFR were developed in coordination with the EPA and Department of the Army. The MFR's structure and format may be subject to future modification or may be rescinded as needed to implement additional guidance from the agencies; however, the approved jurisdictional determination described herein is a final agency action.



OVERALL BOUNDARY ACREAGE
BOUNDARY TRACT = 183.73 ACRES

TOTAL ACREAGE
PONDS = 19.48 AC.
WETLANDS = 62.12 AC.
UPLANDS = 102.13 AC.
TOTAL = 183.73 AC.

WETLANDS ACREAGE
WETLAND AREA "A" = 15.19 AC.
WETLAND AREA "B" = 1.24 AC.
WETLAND AREA "C" = 0.14 AC.
WETLAND AREA "D" = 44.06 AC.
WETLAND AREA "E" = 0.01 AC.
WETLAND AREA "F" = 1.48 AC.
TOTAL WETLAND AREA = 62.12 AC.

UPLANDS ACREAGE
UPLAND AREA "A" = 77.07 AC.
UPLAND AREA "B" = 0.31 AC.
UPLAND AREA "C" = 20.88 AC.
UPLAND AREA "D" = 3.89 AC.
TOTAL UPLAND AREA = 102.13 AC.

PONDS ACREAGE
POND AREA "A" = 0.79 AC.
POND AREA "B" = 2.73 AC.
POND AREA "C" = 15.96 AC.
TOTAL POND AREA = 19.48 AC.

WETLANDS MAP FOR:
LAUREL VIEW COMMERCIAL TRACT

LOCATION: 1359TH G.M.D. LIBERTY CO., GA.
DRAWN: FEBRUARY 15, 2022
BY: JAMES M. ANDERSON-GA. R.L.S. 2113
SCALE: NTS
22013WETLAND.DWG
SHEET 2



"I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SURVEY GRADE AND SUB-METER ACCURACY. THE PURPOSE OF THIS SURVEY IS FOR THE LOCATION OF WETLANDS ONLY AND NOT BOUNDARY ESTABLISHMENT OR PROPERTY CONVEYANCE."

James M. Anderson

2/15/22

WETLAND AREA "A"				WETLAND AREA "B"				WETLAND AREA "D" (CONT.)			
POINTS	NORTHING	EASTING	DESCRIPTION	POINTS	NORTHING	EASTING	DESCRIPTION	POINTS	NORTHING	EASTING	DESCRIPTION
47	847556.256	903875.113		412	848250.953	903637.019	RD	283	848822.102	903855.258	ES2
48	848531.257	904480.959		413	848751.049	903885.412	RD	284	849042.221	901043.149	ES3
49	847178.449	903895.493		417	848598.014	903816.702	RD	285	849871.144	901591.349	ES4 TO PL
513	846227.582	904257.408	K14	616	849200.253	903898.889	?	286	850134.899	901822.773	G1 TO PL
314	840144.792	904351.351	K13	617	849018.718	904012.587	?	287	850145.347	901832.402	G2
310	848050.2267	904360.776	K12	618	848885.271	903987.903	?	288	850173.227	901865.813	G3
316	848978.293	904350.781	K11	619	848827.173	903994.572	?	289	850201.774	901888.282	G4
317	848899.553	904350.120	K10	621	848713.469	903968.171	RD	290	850228.706	901727.452	G5
318	848867.709	904256.210	K9	622	848714.440	903782.818	RD	291	850225.154	901753.237	G6
319	848785.459	904258.454	K8	623	848784.734	903748.059	RD	292	850172.723	901784.782	G7
320	848761.459	904152.254	K7	624	848829.400	903765.246	RD	293	850133.335	901780.288	G8
321	848876.288	904138.604	K6	625	848829.400	903765.246	RD	294	850092.942	901852.188	G9
322	848761.910	904055.898	K5	626	848845.745	903715.177	RD	295	850063.282	901890.851	G9
323	848748.511	904032.915	K4	627	848857.193	903698.895	RD	296	849984.876	901860.108	G10
324	848709.048	904035.655	K3	628	848962.002	903677.878	RD	297	849862.848	902023.031	G11
325	848871.112	904058.464	K2	629	848975.422	903685.714	RD	298	849920.103	902026.234	G12
326	848888.324	904028.278	K1 TO RD	630	848929.243	903762.424	RD TO RD	299	849971.139	902159.500	G13
327	848852.809	903818.671	A12 TO RD	810	849048.782	903967.558	?	300	850044.845	902161.688	G14
328	848818.753	903810.085	A13					301	850094.555	902177.142	G15
329	848858.314	903822.074	A14					302	850168.768	902184.451	G16
330	848920.459	903804.478	A15					303	850229.127	902189.513	G17
331	848453.870	903830.412	A18					420	849913.018	901588.824	
332	848401.856	903848.744	A17					421	850133.488	901633.233	
341	848340.808	903805.957	A18	831	848654.776	903847.014	RD TO rd	422	849831.042	901600.735	
342	848289.280	903850.587	A19	832	848791.087	903797.919	rd	423	850226.082	902180.838	
343	848174.897	903824.733	A20	833	848740.284	903693.897	rd	424	849750.237	903784.048	
344	848111.860	903835.990	A21	834	848720.829	903682.709	rd	425	849330.815	903971.137	
345	848033.412	903800.904	A22	835	848739.873	903642.753	rd	426	848777.216	902188.828	
346	848026.548	903785.787	A23	836	848739.873	903642.753	rd	427	848842.910	902188.828	
347	847990.050	903724.507	A24	837	848816.819	903551.225	rd	428	848816.819	902188.828	
348	847916.007	903723.841	A25					508	848784.673	902292.285	
349	847849.204	903705.208	A26					507	848744.422	902262.871	
350	847783.924	903731.598	A27					508	848762.934	902303.909	
351	847738.739	903723.049	A28					509	848805.825	902342.230	
352	847748.472	903688.113	A29					510	848878.145	902321.112	
353	847681.741	903628.135	A30					511	848808.092	902300.894	
354	847676.237	903664.808	A31					512	848898.157	902348.944	
355	847649.269	903701.114	A32	330	848721.318	902151.275	ST E1 TO H1	513	848934.875	902321.857	
356	847628.173	903701.171	A33	331	848671.824	902159.822		514	848965.805	902322.826	
357	847584.490	903743.076	A34	332	848635.284	902120.340	L1	515	848982.401	902395.505	
358	847582.269	903781.780	A35	333	848645.056	902128.935	F4	516	849226.176	902231.478	
359	847546.397	903815.638	A36	334	848685.713	902105.804	F5	517	849308.978	902253.384	
360	847495.548	903785.980	A37	335	848682.077	902075.789	F6	518	849347.357	902292.904	
361	847461.536	903746.000	A38	336	848711.528	902050.818	L7	519	849388.778	902341.081	
362	847412.951	903713.716	A39	337	848710.821	902027.322	F8	520	849391.230	902391.369	
363	847348.800	903701.105	A40	338	848691.707	902003.469	F9	521	849404.020	902438.898	
364	847305.224	903714.325	A41	339	848683.366	902001.934	E10	522	849447.452	902447.145	
365	847253.000	903733.204	A42	340	848685.343	902034.120	L11	523	849427.322	902444.862	
366	847197.899	903741.184	A43 TO PL	241	848727.050	901993.823	F12	524	849436.074	902359.051	
367	847151.877	903666.180	A44	242	848726.338	901980.108	E13	525	849466.813	902414.283	
368	847102.488	903678.118	A55	243	848763.759	901845.193	E14	526	849428.920	902462.923	
369	847030.389	903689.464	A56	244	848815.046	901826.264	L15	527	849404.232	902512.935	
370	847113.288	903673.618	A57	245	848851.235	901808.990	F16	528	849395.728	902573.287	
371	847050.592	903689.133	A58	246	848941.270	901784.294	E17	529	849376.610	902620.229	
372	847023.443	903680.260	A59	247	848978.428	901722.229	E18	530	849364.888	902672.976	
373	847051.135	903654.757	A60	248	848984.353	901702.160	F19	531	849360.176	902734.113	
374	847026.200	903640.356	A61	249	848922.941	901680.988	E20	532	849367.405	902792.013	
375	847047.777	903623.744	A62	250	848984.373	901668.809	E21	533	849362.587	902841.524	
376	847028.956	903610.229	A63	251	848908.748	901657.738	E22	534	849353.902	902892.020	
377	847059.338	903602.030	A64	252	848932.082	901639.308	E23	535	849326.737	902977.767	
378	847099.803	903617.080	A65	253	848927.308	901619.178	E24	536	849298.262	903028.385	
379	847053.752	903648.078	A66	254	848908.875	901584.070	E25	537	849270.873	903089.008	
380	847028.004	903632.634	A67	255	848922.118	901562.231	L26	538	849253.890	903103.884	
381	847003.947	903622.842	A68	256	848915.782	901556.154	F27	539	849292.286	903115.618	
382	847028.733	903620.743	A69	258	848913.863	901546.988	F28	540	849305.882	903127.142	
383	848015.834	904189.490	A70	259	848917.401	901524.819	E29	541	849280.957	903150.222	
384	848005.200	904209.998	A71	261	848924.721	901504.287	L30	542	849292.145	903190.452	
385	848120.074	904171.488	A72	262	848930.737	901484.797	F31	543	849188.117	903234.580	
386	848031.853	904206.125	A73	263	848930.951	901465.191	E32	544	849168.672	903290.177	
387	848038.888	904201.510	A74	264	848935.388	901455.317	E33	545	849140.287	903243.403	
388	848033.135	904243.711	A75	265	848931.172	901439.210	L34	546	849123.029	903285.148	
389	848043.713	904277.821	A76	266	848938.367	901425.807	F35	547	849129.420	903288.607	
390	848043.101	904307.723	A77	267	848940.068	901422.145	E36	548	849180.706	903303.172	
401	848468.635	904266.641	A78	268	848944.793	901438.810	L37	549	849128.010	903289.748	
402	848471.882	904433.822	A79	269	848938.021	901422.253	E38	550	849121.251	903279.030	
403	848451.806	904452.254	A80	270	848932.584	901401.862	F39	551	849017.118	903254.680	
404	848407.160	904504.322	A81	271	848947.452	901346.838	E40	552	848971.588	903238.010	
405	848416.920	904500.860	A82	272	848946.546	901331.237	L41	553	848938.358	903208.329	
406	848381.817	904500.861	A83	273	848950.518	901318.002	F42	554	848958.055	903227.158	
407	848324.388	904502.514	A84	274	848952.384	901318.858	F43	555	848973.888	903246.608	
408	848320.001	904513.025	A85	275	848948.477	901312.587	E44	556	848932.189	903242.818	
409	848331.502	904535.897	A86	276	848968.825	901305.393	L45	557	848926.261	903255.738	
410	848398.850	904638.547	RD TO PL	277	848978.722	901329.363	F46	558	848981.777	903243.550	
411	848733.994	903886.349	RD	278	848980.867	901318.255	E47	559	848985.169	903257.450	
412	848892.730	903930.303	RD	279	848981.704	901312.102	E48	560	848980.019	903259.410	
413	847188.426	903742.487	RD	280	848977.840	901328.309	L49	561	848989.392	903264.207	
422	848263.698	904390.768		281	848943.822	901303.014	F50	562	848996.083	903264.575	
423	848383.859	904498.990		282	848945.282	901373.178	E51	563	849034.806	903271.596	
431	848274.558	904351.654						564	849004.041	903271.958	
432	848437.936	904887.082						565	849086.985	903270.208	
433	847584.093	903891.705						566	849083.817	903258.204	
								567	849288.420	903250.847	
								568	849291.189	903260.684	

WETLAND AREA "D" (CONT.)

Table with columns: POINTS, NORTHING, EASTING, DESCRIPTION. Contains survey data for Wetland Area D.

POND "A"

Table with columns: POINTS, NORTHING, EASTING, DESCRIPTION. Contains survey data for Pond A.

POND "C"

Table with columns: POINTS, NORTHING, EASTING, DESCRIPTION. Contains survey data for Pond C.

POND "B"

Table with columns: POINTS, NORTHING, EASTING, DESCRIPTION. Contains survey data for Pond B.

WETLAND AREA "E"

Table with columns: POINTS, NORTHING, EASTING, DESCRIPTION. Contains survey data for Wetland Area E.

WETLAND AREA "F"

Table with columns: POINTS, NORTHING, EASTING, DESCRIPTION. Contains survey data for Wetland Area F.

BOUNDARY

Table with columns: POINTS, NORTHING, EASTING, DESCRIPTION. Contains boundary survey data.



I HEREBY CERTIFY THAT THE WETLANDS AS SHOWN ON THIS SURVEY WERE LOCATED USING GPS EQUIPMENT AT SURVEY GRADE AND SURVEY MEASUREMENTS. THE PURPOSE OF THIS SURVEY IS TO DETERMINE THE LOCATION OF WETLANDS ONLY AND NOT SOLELY ESTABLISHMENT OR PROPERTY CORNER.

James M. Anderson 2/15/22

NOTES:

- 1. WETLAND DELINEATION FLAGGED BY SLUBB ENVIRONMENTAL CONSULTANTS, INC. DATE: DECEMBER 2, 2021.
2. BOUNDARY INFORMATION WAS COMPILED FROM FIELD MEASUREMENTS MADE BY ME USING GPS EQUIPMENT AT SURVEY GRADE AND SURVEY MEASUREMENT ACCURACY LOCATING FIELD OBSERVED EVIDENCE OF PROPERTY LINES AND FROM A PLAT RECORDED IN P.B. P-17 PG. TAB OF LIBERTY COUNTY CLERK OF SUPERIOR COURT AND A CAD FILE OF A WETLAND EXHIBIT BY THOMAS & HUTTON, PREPARED 6/28/09 FOR THE FORM GROUP.
3. A PORTION OF THIS PROPERTY MAY BE CONSIDERED WETLANDS UNDER THE JURISDICTION OF THE CORP'S OF ENGINEERS. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE WETLAND AREAS WITHOUT PROPER AUTHORIZATION.
4. COORDINATES: BROWN AND STATE PLANE COORDINATES NAD 83, U.S. FEET.

WETLANDS MAP FOR: LAURELS VIEW COMMERCIAL TRACT

LOCATION: 1359TH G.M.D. LIBERTY CO., GA. DRAWN: FEBRUARY 15, 2022 BY: JAMES M. ANDERSON-GA. R.L.S. 2113 JN22013.ORD & 23013.WETLAND.DWG SHEET 15

JAMES M. ANDERSON & ASSOCIATES, INC. REGISTERED LAND SURVEYORS P.O. BOX 804 104 OAK STREET STATESBORO, GA. 30450 PHONE: (912) 784-2002