

**Monitoring Report
Hofler Property
Monitoring Year 6**

DMS Project ID #: 95355

DMS Contract #: 004628

USACE AID# SAW-2012-01393

Gates County, North Carolina

Submitted November, 2020



NC Department of Environmental Quality
Division of Mitigation Services
1652 Mail Service Center
Raleigh, NC 27699-1652

Submitted by:
ALBEMARLE RESTORATIONS, LLC
P.O. Box 176
Fairfield, NC 27826
(252) 333-0249

Mitigation Project Name	Hofler Property	USACE Action ID	2012-01909
DMS ID	95355	DWR Permit	N/A
River Basin	Chowan	Date Project Instituted	6/15/2012
Cataloging Unit	03010203	Date Prepared	4/20/2020
County	Gates	Stream/Wet. Service Area	Chowan 03010203



Signature & Date of Official Approving Credit Release

- 1 - For NCDMS, no credits are released during the first milestone
- 2 - For NCDMS projects, the initial credit release milestone occurs automatically when the as-built report (baseline monitoring report) has been made available to the IRT by posting it to the DMS portal, provided the following have been met:
 - 1) Approved of Final Mitigation Plan
 - 2) Recordation of the preservation mechanism, as well as a title opinion acceptable to the USACE covering the property.
 - 3) Completion of all physical and biological improvements to the mitigation site pursuant to the mitigation plan.
 - 4) Receipt of necessary DA permit authorization or written DA approval for projects where DA permit issuance is not required.
- 3 - A 10% reserve of credits is to be held back until the bankfull event performance standard has been met.

Credit Release Milestone	Non-Riparian Credits							
	Project Credits	Scheduled Releases %	Proposed Releases %	Proposed Released #	Not Approved # Releases	Approved Credits	Anticipated Release Year	Actual Release Date
1 - Site Establishment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 - Year 0 / As-Built	30.00%	30.00%	6.900	0.000	6.900	2015	10/1/2015	
3 - Year 1 Monitoring	10.00%	10.00%	2.300	0.000	2.300	2016	4/25/2016	
4 - Year 2 Monitoring	10.00%	10.00%	2.300	0.000	2.300	2017	8/10/2018	
5 - Year 3 Monitoring	15.00%	15.00%	3.450	0.000	3.450	2018	8/10/2018	
6 - Year 4 Monitoring	5.00%	5.00%	1.150	0.000	1.150	2019	4/26/2019	
7 - Year 5 Monitoring	15.00%	15.00%	3.450	3.450	0.000	2020	4/20/2020	
8 - Year 6 Monitoring	5.00%					2021		
9 - Year 7 Monitoring	10.00%					2022		
Stream Bankfull Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Totals				0.000	16.100			

Total Gross Credits	23.000
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	16.100
Total Percentage Released	70.00%
Remaining Unreleased Credits	6.900

Notes

4/20/2020: Due to issues on the wetland site and the need for an adaptive management plan, the IRT decided no release for this site.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Non-Riparian	Restoration	23.000

Mitigation Project Name Hofer Property
DMS ID 95355
River Basin Chowan
Cataloging Unit 03010203
County Gates

USACE Action ID 2012-01909
DWR Permit N/A
Date Project Instituted 6/15/2012
Date Prepared 4/20/2020
Stream/Wet. Service Area Chowan 03010203

							Non-Riparian Restoration Credits
Debits							
Beginning Balance (mitigation credits)							23.000
Released Credits							16.100
Unrealized Credits							0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWRPermit #	DCM Permit #	
NCDOT Stream & Wetland ILF Program	REQ-004826		SR 1339-Division 1	2005-10482			0.009
NCDOT Stream & Wetland ILF Program	REQ-005580	R-2583	US 158 Widening	2002-11081	2011-1075	63-12	0.720
NCDOT Stream & Wetland ILF Program	REQ-005614	R-2507A	R-2507A - US 13 Widening	2006-10391	2012-0296	2012-0296	5.680
NCDOT Stream & Wetland ILF Program	REQ-006172	R-2507A	R-2507A - US 13 Widening	2006-10391	2012-0296	2012-0296	0.100
Statewide Stream & Wetland ILF Program	REQ-006564		Earley's Substation Expansion	2016-00268	2016-0409	2016-0409	0.800
NCDOT Stream & Wetland ILF Program	REQ-006864	R-5311A	US 13 / NC 11 Improvements	2011-01243	2016-1221	2016-1221	5.750
NCDOT Stream & Wetland ILF Program	REQ-006864	R-5311A	US 13 / NC 11 Improvements	2011-01243	2016-1221	2016-1221	1.150
NCDOT Stream & Wetland ILF Program	REQ-006864	R-5311A	US 13 / NC 11 Improvements	2011-01243	2016-1221	2016-1221	1.810
Total Credits Debited							16.019
Remaining Available balance (Released credits)							0.081
Remaining balance (Unreleased credits)							6.900



Mitigation Services
ENVIRONMENTAL QUALITY

ROY COOPER
Governor

MICHAEL REGAN
Secretary

Ashby Brown
ALBEMARLE RESTORATIONS, LLC
P.O. Box 176
Fairfield, NC 27826

12/11/2020

Sent via e-mail (ashbybrown@woodswaterandwildlife.com)

RE: Hofler MY6
Contract #004628
Project # 95355

On November 30, 2020, the Division of Mitigation Services (DMS) received the Draft Monitoring Report for Hofler and a site visit occurred during the precious dormant season (2/10/2020).

After reviewing the document, DMS has no comments, but asks that the following be added to the report:

- Add Approved Adaptive Management Plan to this report as an appendix. Also add the official IRT approval letter of the Adaptive Management Plan. You may delete the DMS letter from last year in the Appendix.

To date, Albemarle was paid for 80% of the total contract value (equivalent to 17.6 acres), but the IRT has only released 70% of the credits to date (16.100 acres). Due to the continued assets at risk, DMS will withhold payment until the IRT provides a credit release greater than 80%.

Please submit 1 hard copy of the final document and one electronic.

Thank you for your work.

A handwritten signature in black ink that reads 'Lindsay Crocker'.

Lindsay Crocker
DMS

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1.0: PROJECT SUMMARY

1.1: Project Objectives

The project objectives of the Hofler property per the approved mitigation plan are as follows:

- Enhance water quality by providing shading from forest cover, which will reduce thermal impacts associated with excess algae growth and decreased dissolved oxygen concentrations
- Slow runoff rates and provide storage and desynchronization of overland flow before it reaches Lassiter Swamp, located directly north of the project, by restoring the wetland complex
- Provide nutrient attenuation and uptake by restoring dense vegetation interspersed with shallow diffuse flows, thus improving downstream habitat
- Provide minimal earthwork and disturbance, as determined through preliminary site analyses, to the area to accomplish designed wetland topography
- Impact existing ecological communities as little as possible. No remnant wetland communities exist on site and no impacts to wetlands or riparian buffers will occur due to the restoration project.

1.2: Project Success Criteria

Wetland hydrology data must consistently document the appropriate hydroperiod has been restored for all areas proposed for wetland mitigation. The targeted hydroperiod for the Hofler Property is 6% or greater. Planted vegetation will be considered successful if at least 320 three year-old planted stems/acre are present after year three. At year five, density must be no less than 260 five year-old planted stems/acre. At year 7, density must be no less than 210 seven year-old planted stems/acre. Additionally, planted vegetation must average 10 feet in height in each plot at year 7. Per the recommendations of the NCIRT, the following understory species were incorporated in the planting schedule on the condition they be exempted from the minimum 10-foot height criterion and exempted from the calculation of average height as a measure of that success criterion: Button bush (*C. occidentalis*), Sweet bay (*M. virginiana*), Wax myrtle (*M. cerifera*), and Laurel oak (*Q. laurifolia*). These species will be included in the calculations for the survival criterion. All vegetative monitoring will follow CVS-EEP Protocol for Recording Vegetation-Version 4.0.

Additionally, the project will strive to establish a variety of hydrologic regimes ranging from shallow inundated areas to intermittently saturated conditions, restoring diffuse flow patterns through what will ultimately be a forested wetland. The successful establishment of these conditions, mimicking nearby reference wetlands will help determine the overall success of the project.

1.3: Project Setting

The Hofler property consists of +/- 345 acres, of which 27 acres have been designated for this project. The site consisted of a rectangular tract of land primarily being used for cotton and small grain production. The prior converted wetlands on the site had been extensively ditched and drained, lowering the local water table and diminishing aquatic habitat and water quality. The site drained from south to north to an unnamed tributary of Lassiter Swamp and Bennets Creek upstream of Merchants Mill Pond. The project site along with the surrounding areas has undergone expansive hydrologic alterations and excessive sediment and nutrient inputs from agricultural production resulting in overall water quality degradation. The vicinity map is included with the CCPV in Appendix B. Table 4 in Appendix A contains additional information regarding the project's location and attributes.

1.4: Mitigation Components

The mitigation components are 23 acres of non-riparian wetland restoration with a credit ratio of 1:1 (Restoration:WMU), please refer to Table 1 for more information.

1.5: Project Timeline

Construction commenced on August 12th, 2014 with the installation of recommended erosion control practices and was completed on Oct. 14th, 2014. Planting was officially concluded on May 6th, 2015 (Table 2). Refer to Table 2 in Appendix A for the Project History and Reporting Timeline.

1.6: Design Approach

A natural design approach focused on mimicking nearby wetlands, including non-riparian hardwood flats and swamp forests both in hydrologic regime and vegetative diversity. Grading was specifically formulated to provide storage for overland flow while creating densely vegetated plots interspersed with shallow diffuse flows. All of these features contribute to nutrient and sediment attenuation, improving downstream habitat and promoting diversity of ecological communities. The reference area for this project is a nearby mature hardwood flat with the same soils and topography and similar hydrologic function. The reference area is within Merchant's Millpond State Park.

1.7: Project Performance

Hydrology was successful over the entire project site. The hydrology charts are included in Appendix E.

Rainfall through July was relatively normal, with the exception of March, which was a bit lower than normal. Rainfall in August, September and November was considerably above normal due to storm activity.

In this, year six of monitoring, tree survival was found to be lower than in year 5. Fourteen of the eighteen permanent plots showed a survival number of planted stems that did not meet the year 5 success criteria. The overall average survival for the site was 162 planted stems per acre. The oaks continue to struggle against the very heavy herbaceous vegetation. The cycle of resprout, dieback and resprout continues to take its toll. The cypress stem count seems to have stabilized, with only a few stems lost. Their shade tolerant nature has helped them overcome the dense vegetation.

Per the recently approved adaptive management plan, 6,000 trees are on order and will be planted during the upcoming planting season. The majority will be cypress (4,000), since they are able to survive the harsh competition. The remaining 2,000 are a mixture of oaks.

Also, per the approved plan, the ditch plugs will be lowered to promote drainage from the site. The goal is to create a slightly drier environment which will help lessen the stress on the trees.

1.8: Methods and References

Monitoring methodology did not differ from the approved Mitigation Plan. Vegetation assessment was done according to the level 2 protocol specified by the Carolina Vegetation Survey. Hydrology monitoring wells were installed per ERDC TN-WRAP-00-02 “Installing Monitoring Wells/Piezometers in Wetlands” dated 2000. Groundwater levels were recorded using the U20-001-01 water level data loggers manufactured by Onset Computer. The loggers were installed in the wells per the manufacturer’s instructions.

Vicinity Map



Appendix A: Background Tables

Table 1. Project Components and Mitigation Credits

Table 2. Project Activity and Reporting History

Table 3. Project Contacts

Table 4. Project Information and Attributes

Table 1. Project Components and Mitigation Credits								
Hofler Project #95355, Contract #004628								
Mitigation Credit Summations								
	Stream	Riparian Wetland	Non-riparian Wetland	Buffer	Nitrogen Nutrient Offset	Phosphorous Nutrient Offset		
Overall Credit			23					
Project Components								
Project Component or- Reach	Stationing	Existing Footage or Acreage	Restoration Footage or Acreage	Restoration Level	Restoration or Rest. Equiv.	Mitigation Ratio	Mitigation Credits	Notes
Wetland 1		23	23		Restoration	1:1	23	
Length and Area Summations								
Restoration Level	Stream (Linear Feet)	Riparian Wetland (acres)		Non-riparian Wetland (acres)	Buffer (square feet)	Upland (acres)		
		Riverine	Non-Riverine					
Restoration			23					
Enhancement								
Enhancement I								
Enhancement II								
Creation								
Preservation								
High Quality Preservation								
BMP Elements								
Element	Location	Purpose/Function			Notes			

Table 2. Project Activity and Reporting History Hofler Property Wetland Mitigation Project #95355		
Activity, Deliverable or Milestone	Data Collection Complete	Actual Completion or Delivery
Project Institution	N/A	May-12
Mitigation Plan	May 2014	July 2014
Permits Issued	May 2014	July 2014
Final Design Construction Plans	May 2014	July 2014
Construction	N/A	October 2014
Temporary S & E mix applied to entire project area	N/A	N/A
Permanent seed mix applied to entire project area	N/A	October 2014
Containerized and BR Planting over entire project area	N/A	May 2015
Baseline Monitoring Document (Year 0 Monitoring-baseline)	May 2015	Sept. 2015
Year 1 monitoring	November 2015	November 2015
Year 2 monitoring	November 2016	November 2016
Year 3 monitoring	November 2017	November 2017
Year 4 monitoring	November 2018	November 2018
Year 5 monitoring	November 2019	November 2019
Year 6 monitoring	November 2020	November 2020

Table 3. Project Contacts Hofler Property Wetland Mitigation Project #95355	
Designer Primary Project design POC	Ecotone, Inc. Scott McGill (410) 420-2600 2120 High Point Rd, Forest Hill, MD 21050
Construction Contractor Construction contractor POC	Jennings Land Development Rodney Jennings (252) 202-6954 156 Trotman Rd. Camden, NC 2791
Planting Contractor Planting contractor POC	Carolina Silvics, Inc. Mary-Margaret McKinney (252-482-8491) 908 Indian Trail Road Edenton, NC 27932
Seeding Contractor Seed planting contractor POC	Woods, Water and Wildlife, Inc. Ed Temple (252) 333-0249 P. O. Box 176, Fairfield, NC 27826
Seed mix sources	Earnst Conservation Seeds, LLP, Meadville, PA
Nursery stock suppliers	Carolina Silvics (from various sources)
Monitoring Performers Wetland and Vegetation POC	Woods, Water and Wildlife, Inc. Ashby Brown (757) 651-3162 P. O. Box 176, Fairfield, NC 27826

Table 4. Project Information and Attributes			
Project name		HOFLER PROPERTY	
County		GATES	
Project Area (ac)		27.0 AC	
Project Coordinates (Lat and Long)		+36° 25' 48.44", -76° 39' 10.91"	
4.1 Project Watershed Summary Information			
Physiographic province		INNER COASTAL PLAIN	
River basin		CHOWAN RIVER BASIN	
USGS Hydrologic Unit 8-digit	03010203	USGS Hydrologic Unit 14-digit	03010203040040
DWQ Sub-basin		BENNETTS CREEK LOCAL WATERSHED	
Project Drainage Area (acres)		103.8	
Project Drainage Area Percentage of Impervious Area		5%	
CGIA Land Use Classification		2.01.01.07 Annual Row Crop Rotation	
4.2 Wetland Summary Information			
Parameters	Wetland 1	Wetland 2	Wetland 3
Size of Wetland (acres)	23.0		
Wetland Type (non-riparian, riparian riverine or riparian non-riverine)	Non-riparian		
Mapped Soil Series	BnA & PnA		
Drainage Class	Poorly drained & very poorly drained		
Soil Hydric Status	Hydric		
Source of Hydrology	Surface and Ground		
Hydrologic Impairment	44.8' to 155.2'		
Native Vegetation Community			
Percent Composition of Exotic Invasive Vegetation	N/A		
4.3 Regulatory Considerations			
Regulation	Applicable?	Resolved?	Supporting Documents
Waters of the United States – Section 404	N	N/A	Appendix F
Waters of the United States – Section 401	N	N/A	Appendix F
Endangered Species Act	N	Y	
Historic Preservation Act	N	Y	
Coastal Zone Management Act (CZMA)/ Coastal Area Management Act (CAMA)	N	Y	
FEMA Floodplain Compliance	N	Y	
Essential Fisheries Habitat	N	Y	

Appendix B:

Current Condition Plan View

Table 5. Vegetation Condition Assessment Table

Site Photos



Hofler Restoration Project
Current Condition Plan
View
Project # 95355
Nov. 2018

Legend	
Easement Bndry	Veg Plot
Ditches	WtlnD Gauge
Pwrline	

Year 6 Condition	
Criteria Met	Hydrology Met
Criteria Unmet	Hydrology Not Met
	Hydrology Part. Met



Table 5
Planted Acreage¹

Vegetation Condition Assessment
23

Vegetation Category	Definitions	Mapping Threshold	CCPV Depiction	Number of Polygons	Combined Acreage	% of Planted Acreage	
1. Bare Areas	Very limited cover of both woody and herbaceous material.	0.1 acres	None	0	0.00	0.0%	
2. Low Stem Density Areas	Woody stem densities clearly below target levels based on MY3, 4, or 5 stem count criteria.	0.1 acres	None	14	17.90	77.8%	
				Total	14	17.90	77.8%
3. Areas of Poor Growth Rates or Vigor	Areas with woody stems of a size class that are obviously small given the monitoring year.	0.25 acres	None	0	23.00	100.0%	
				Cumulative Total	14	23.00	100.0%

Easement Acreage²

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Vegetation Category	Definitions	Mapping Threshold	CCPV Depiction	Number of Polygons	Combined Acreage	% of Easement Acreage
4. Invasive Areas of Concern ⁴	Areas or points (if too small to render as polygons at map scale).	1000 SF	None	0	0.00	0.0%
5. Easement Encroachment Areas ³	Areas or points (if too small to render as polygons at map scale).	none	None	0	0.00	0.0%



View looking northeast across project



View looking north/northeast



View looking northeast. Footprint of old ditches still visible.



View looking east. Shows footprint of old ditches.



View looking south.



View looking northwest.

Appendix C

Vegetation Plot Data

Table 6.

Project Code 95355. Project Name: Hofler

			Current Plot Data (MY6 2020)																			
Scientific Name	Common Name	Species Type	95355-ab-0001			95355-ab-0002			95355-ab-0003			95355-ab-0004			95355-ab-0005			95355-ab-0006				
			Pno	LS	P-all	T	Pno	LS	P-all	T	Pno	LS	P-all	T	Pno	LS	P-all	T	Pno	LS	P-all	T
Acer rubrum	red maple	Tree																				
Celtis occidentalis	common hackberry	Tree																				
Cephalanthus occidentalis	common buttonbush	Shrub										4	4	4	1	1	1	1	1	1	1	1
Magnolia virginiana	sweetbay	Tree										1	1	1	2	2	2	2	2	2	2	2
Myrica	sweetgale	shrub										2	2	2								
Quercus bicolor	swamp white oak	Tree	1	1	1	1	1	1											2	2	2	2
Quercus laurifolia	laurel oak	Tree																				
Quercus michauxii	swamp chestnut oak	Tree	1	1	1	1	1	1	2	2	2				1	1	1	1	1	1	1	1
Quercus nigra	water oak	Tree																				
Quercus phellos	willow oak	Tree					1	1	1						1	1	1	1	1	1	1	1
Taxodium distichum	bald cypress	Tree	1	1	1				1	1	1				1	1	1	1	3	3	3	3
Stem count			3	3	3	3	3	3	3	3	3	7	7	7	6	6	6	6	9	9	9	9
size (ares)			1			1			1			1			1			1				
size (ACRES)			0.02			0.02			0.02			0.02			0.02			0.02				
Species count			3	3	3	3	3	3	2	2	2	3	3	3	5	5	5	5	5	5	5	5
Stems per ACRE			121.4	121.4	121.4	121.4	121.4	121.4	121.4	121.4	121.4	283.3	283.3	283.3	242.8	242.8	242.8	364.2	364.2	364.2	364.2	364.2

Table 6, continued.

Project Code 95355. Project Name: Hofler

Scientific Name	Common Name	Species Type	Current Plot Data (MY6 2020)																	
			95355-ab-0007			95355-ab-0008			95355-ab-0009			95355-ab-0010			95355-ab-0011			95355-ab-0012		
			PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T
Acer rubrum	red maple	Tree																		
Celtis occidentalis	common hackberry	Tree																		
Cephalanthus occidentalis	common buttonbush	Shrub															1	1	1	
Magnolia virginiana	sweetbay	Tree																		
Myrica	sweetgale	shrub	2	2	2	1	1	1	1	1	1									
Quercus bicolor	swamp white oak	Tree	2	2	2															
Quercus laurifolia	laurel oak	Tree																		
Quercus michauxii	swamp chestnut oak	Tree	1	1	1							3	3	3						
Quercus nigra	water oak	Tree				1	1	1												
Quercus phellos	willow oak	Tree	1	1	1							1	1	1						
Taxodium distichum	bald cypress	Tree	1	1	1	2	2	2	3	3	3	3	3	3				1	1	1
Stem count			7	7	7	4	4	4	4	4	4	7	7	7	0	0	0	2	2	2
size (ares)			1			1			1			1			1			1		
size (ACRES)			0.02			0.02			0.02			0.02			0.02			0.02		
Species count			5	5	5	3	3	3	2	2	2	3	3	3	0	0	0	2	2	2
Stems per ACRE			283.3	283.3	283.3	161.9	161.9	161.9	161.9	161.9	161.9	283.3	283.3	283.3	0	0	0	80.94	80.94	80.94

Table 6, continued.

Project Code 95355. Project Name: Hofler

Scientific Name	Common Name	Species Type	Current Plot Data (MY 6 2020)																	
			95355-ab-0013			95355-ab-0014			95355-ab-0015			95355-ab-0016			95355-ab-0017			95355-ab-0018		
			PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T
Acer rubrum	red maple	Tree																		
Celtis occidentalis	common hackberry	Tree																		
Cephalanthus occidentalis	common buttonbush	Shrub																		
Magnolia virginiana	sweetbay	Tree																		
Myrica	sweetgale	shrub																		
Quercus bicolor	swamp white oak	Tree																		
Quercus laurifolia	laurel oak	Tree																		
Quercus michauxii	swamp chestnut oak	Tree							1	1	1	1	1	1	2	2	2	1	1	1
Quercus nigra	water oak	Tree																		
Quercus phellos	willow oak	Tree												1	1	1				
Taxodium distichum	bald cypress	Tree	3	3	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2
Stem count			3	3	3	2	2	2	2	2	2	2	2	2	5	5	5	3	3	3
size (ares)			1			1			1			1			1			1		
size (ACRES)			0.02			0.02			0.02			0.02			0.02			0.02		
Species count			1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	2
Stems per ACRE			121.4	121.4	121.4	80.94	80.94	80.94	80.94	80.94	80.94	80.94	80.94	202.3	202.3	202.3	121.4	121.4	121.4	

Table 6, continued.

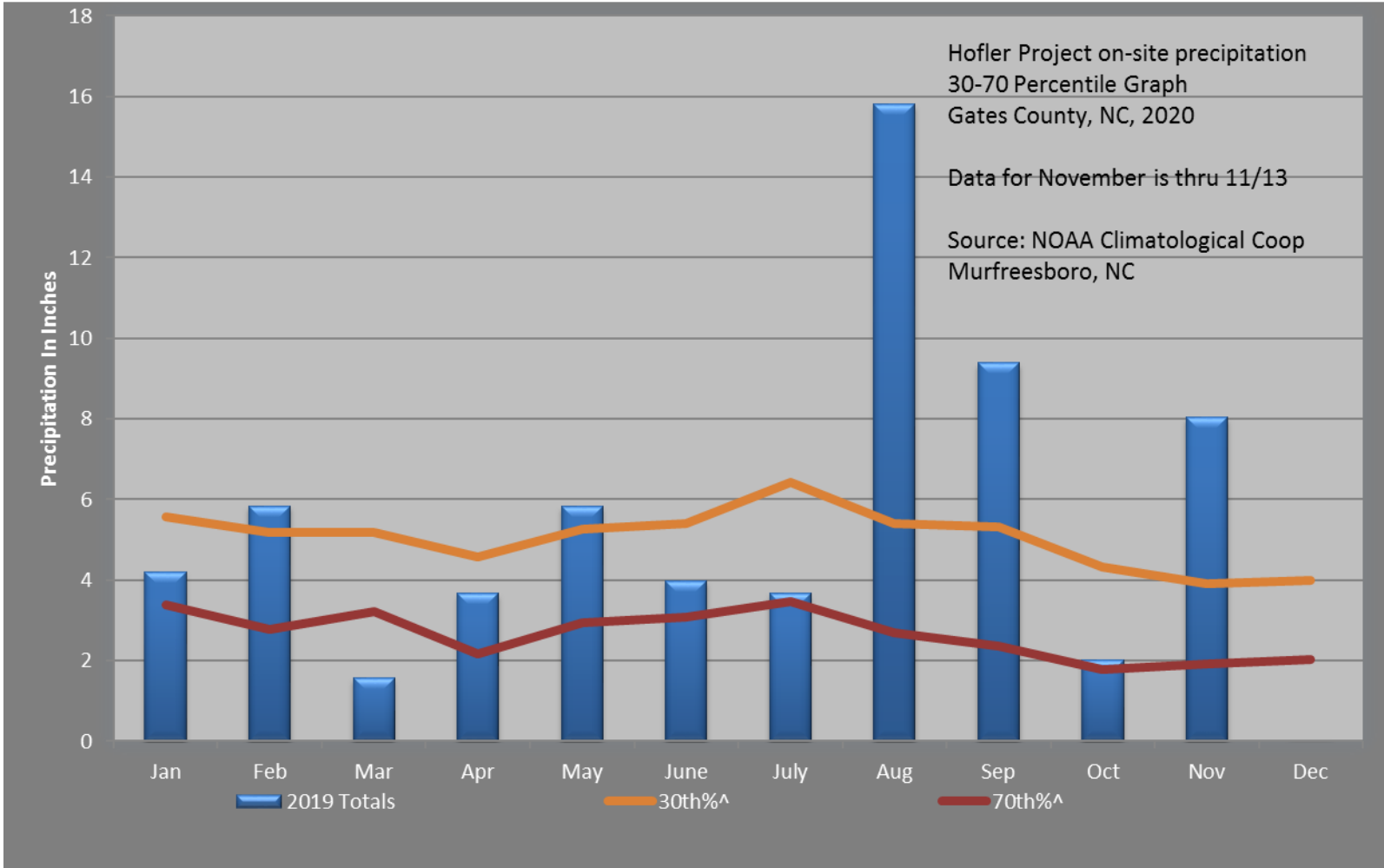
Project Code 95355. Project Name: Hofler			Annual Means																	
Scientific Name	Common Name	Species Type	MY6 (2020)			MY4 (2019)			MY3 (2017)			MY2 (2016)			MY1 (2015)			MY0 (2015)		
			PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T	PnoLS	P-all	T
Acer rubrum	red maple	Tree									7									
Celtis occidentalis	common hackberry	Tree																1	1	1
Cephalanthus occidentalis	common buttonbush	Shrub	7	7	7	8	8	8	7	7	7	9	9	9	9	9	9	8	8	8
Magnolia virginiana	sweetbay	Tree	5	5	5	7	7	7	8	8	8	6	6	6	8	8	8	9	9	9
Myrica	sweetgale	shrub	6	6	6	6	6	6	10	10	10	9	9	9	15	15	15	15	15	15
Quercus bicolor	swamp white oak	Tree	6	6	6	14	14	14	19	19	19	20	20	20	25	25	25	36	36	36
Quercus laurifolia	laurel oak	Tree							1	1	1	1	1	1	5	5	5	7	7	7
Quercus michauxii	swamp chestnut oak	Tree	15	15	15	37	37	37	67	67	67	35	35	35	49	49	49	55	55	55
Quercus nigra	water oak	Tree	1	1	1	9	9	9	12	12	12	13	13	13	23	23	23	34	34	34
Quercus phellos	willow oak	Tree	5	5	5	13	13	13	19	19	19	18	18	18	26	26	26	30	30	30
Taxodium distichum	bald cypress	Tree	27	27	27	28	28	28	29	29	29	31	31	31	31	31	31	35	35	35
Stem count			72	72	72	122	122	122	172	172	179	142	142	142	191	191	191	230	230	230
size (ares)			18			18			18			18			18			18		
size (ACRES)			0.44			0.44			0.44			0.44			0.44			0.44		
Species count			8	8	8	8	8	8	9	9	10	9	9	9	9	9	9	10	10	10
Stems per ACRE			161.9	161.9	161.9	274.3	274.3	274.3	386.7	386.7	402.4	319.3	319.3	319.3	429.4	429.4	429.4	517.1	517.1	517.1

Appendix E

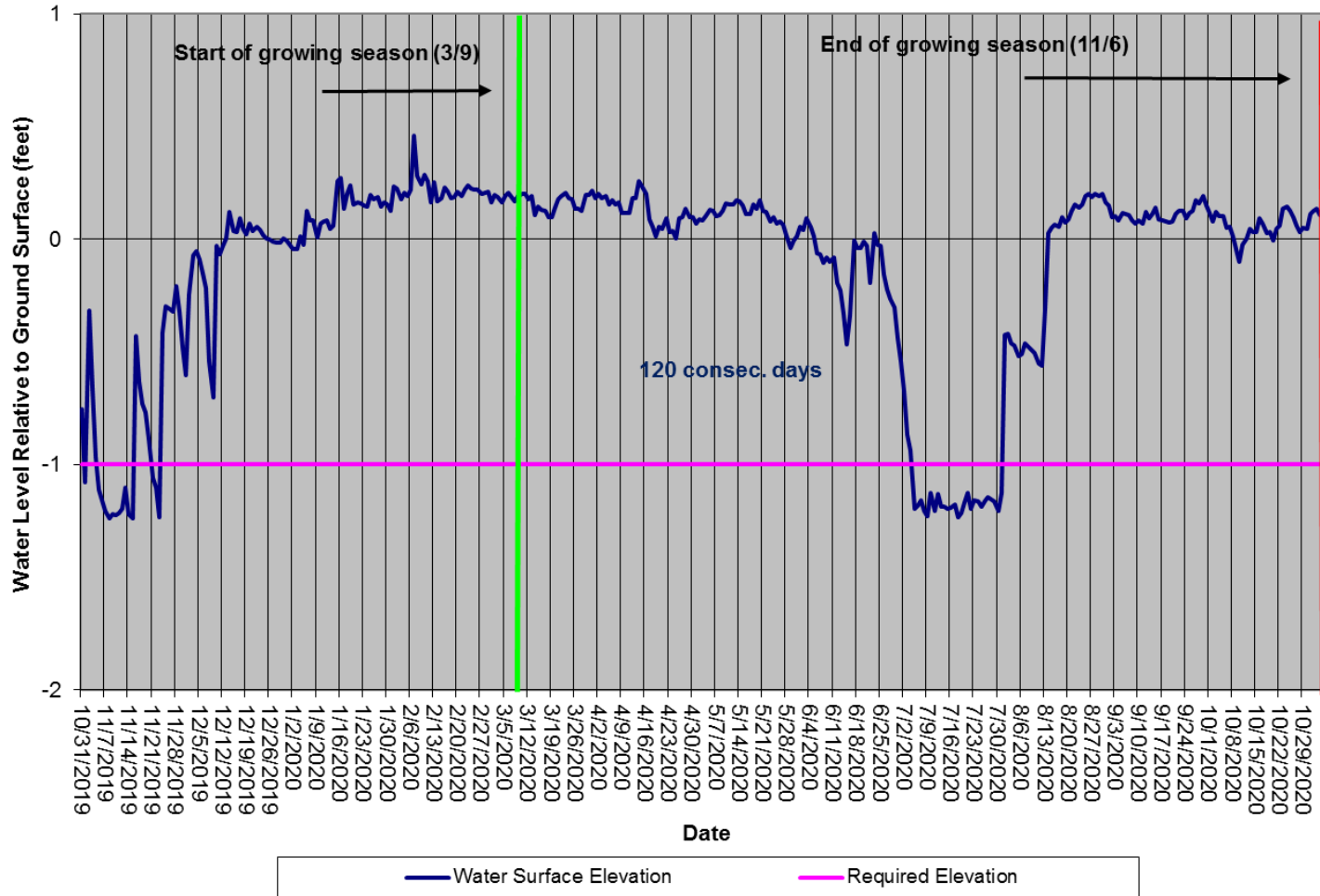
Precipitation Records

Hydrographs

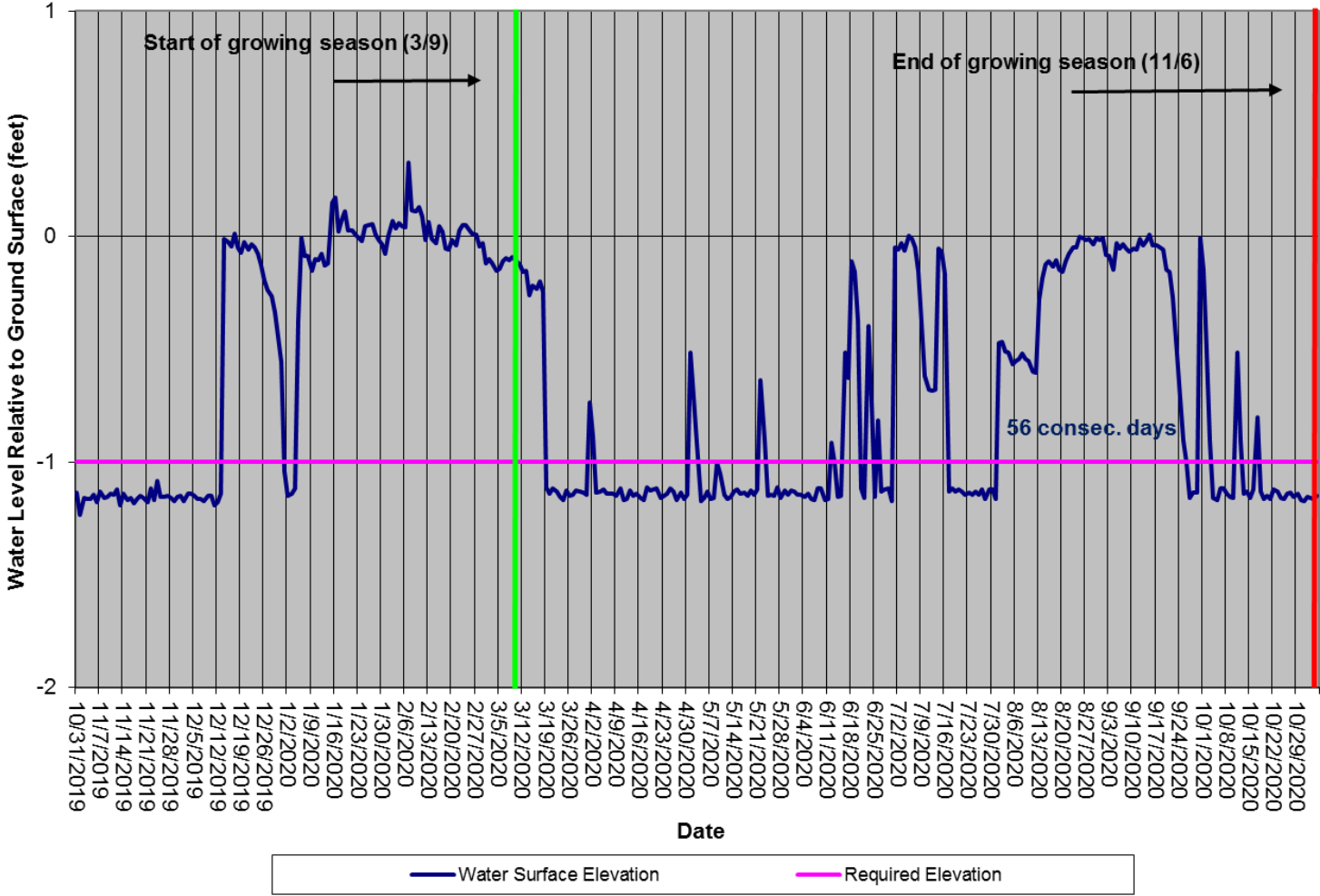
Table 8. Hydroperiod Summary Table



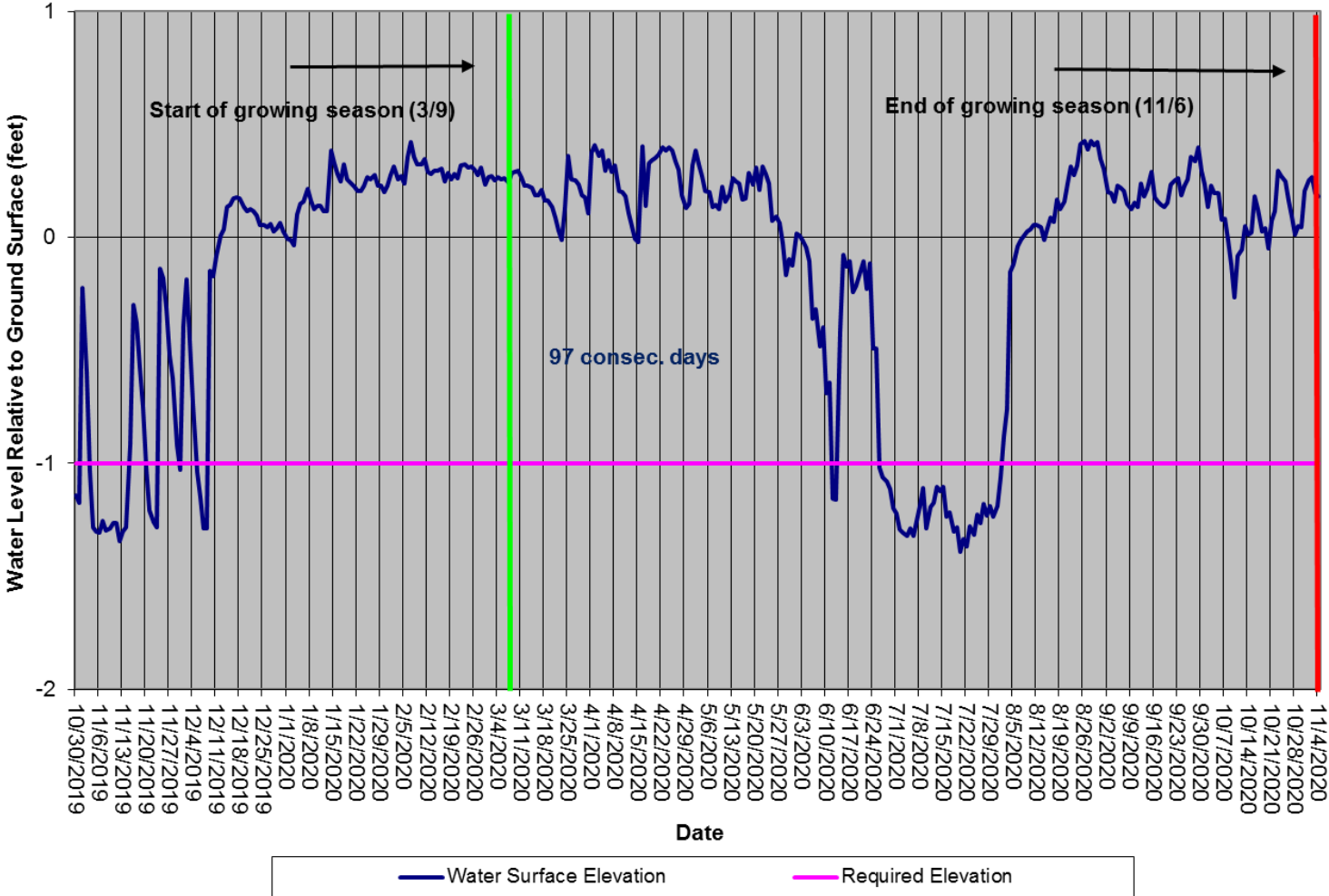
Hofler Monitoring Gauge #1 (9669819)



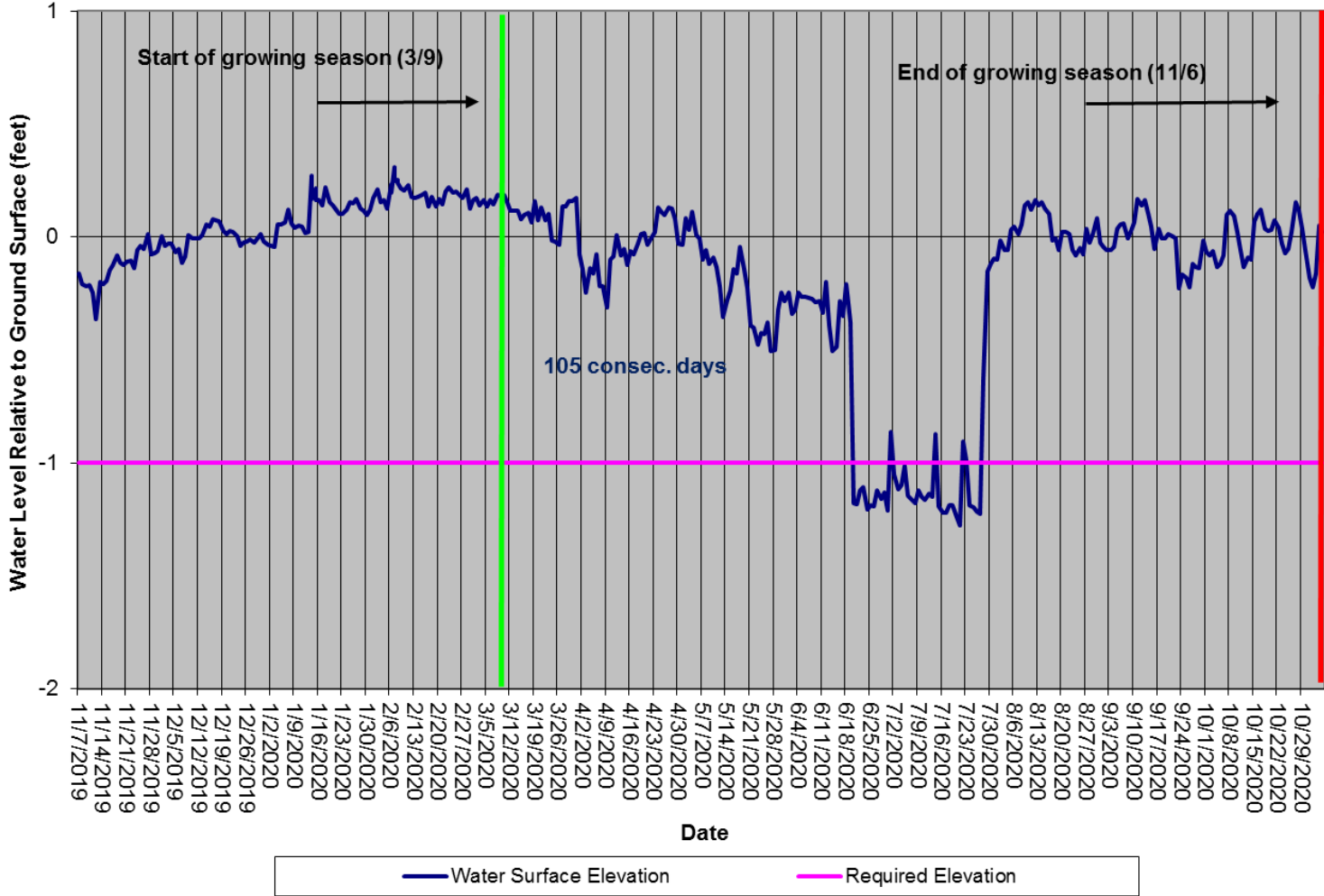
Hofler Monitoring Gauge #2 (9669784)



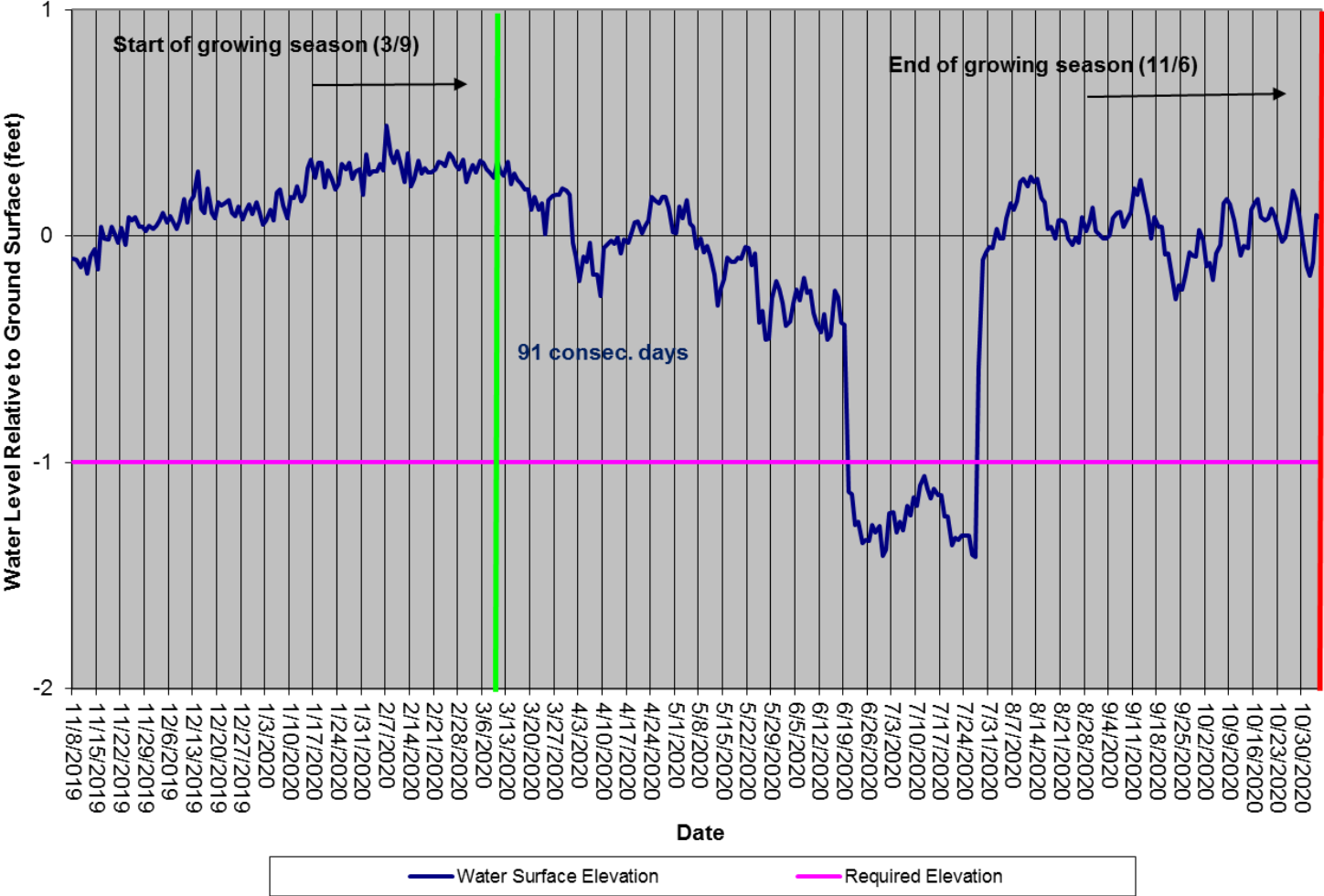
Hofler Monitoring Gauge #3 (1272305)



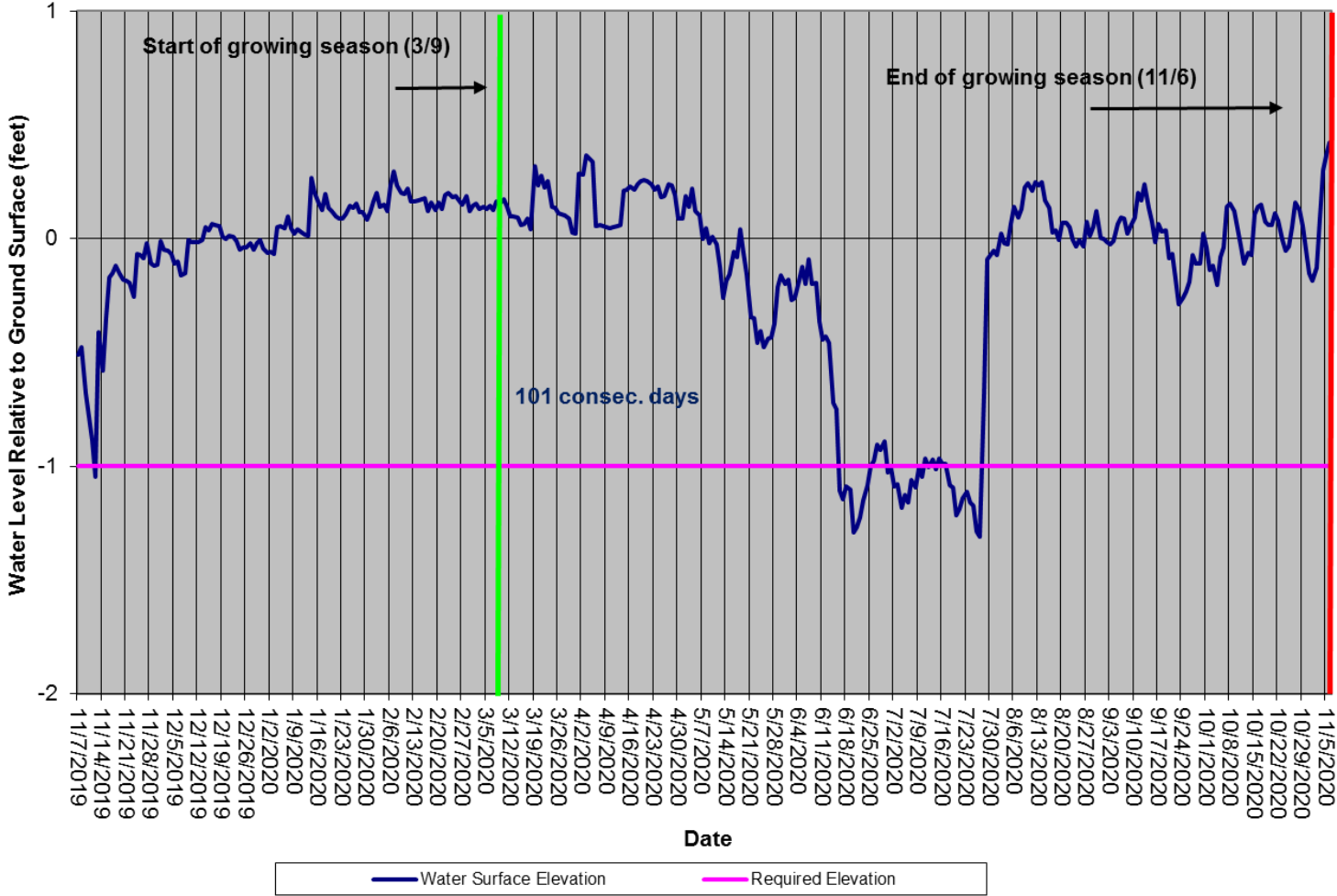
Hofler Monitoring Gauge #4 (1303319)



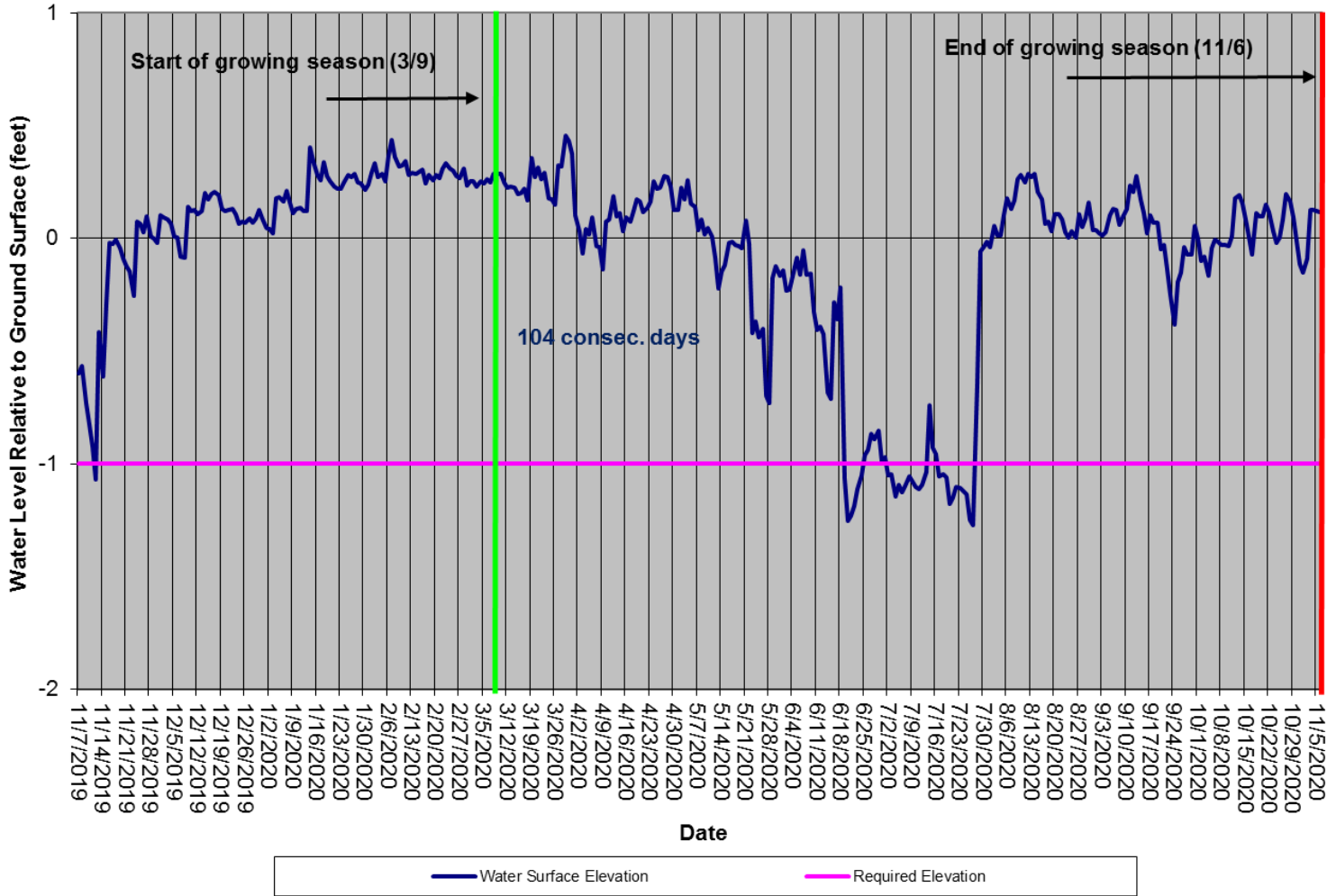
Hofler Monitoring Gauge #5 (10610204)



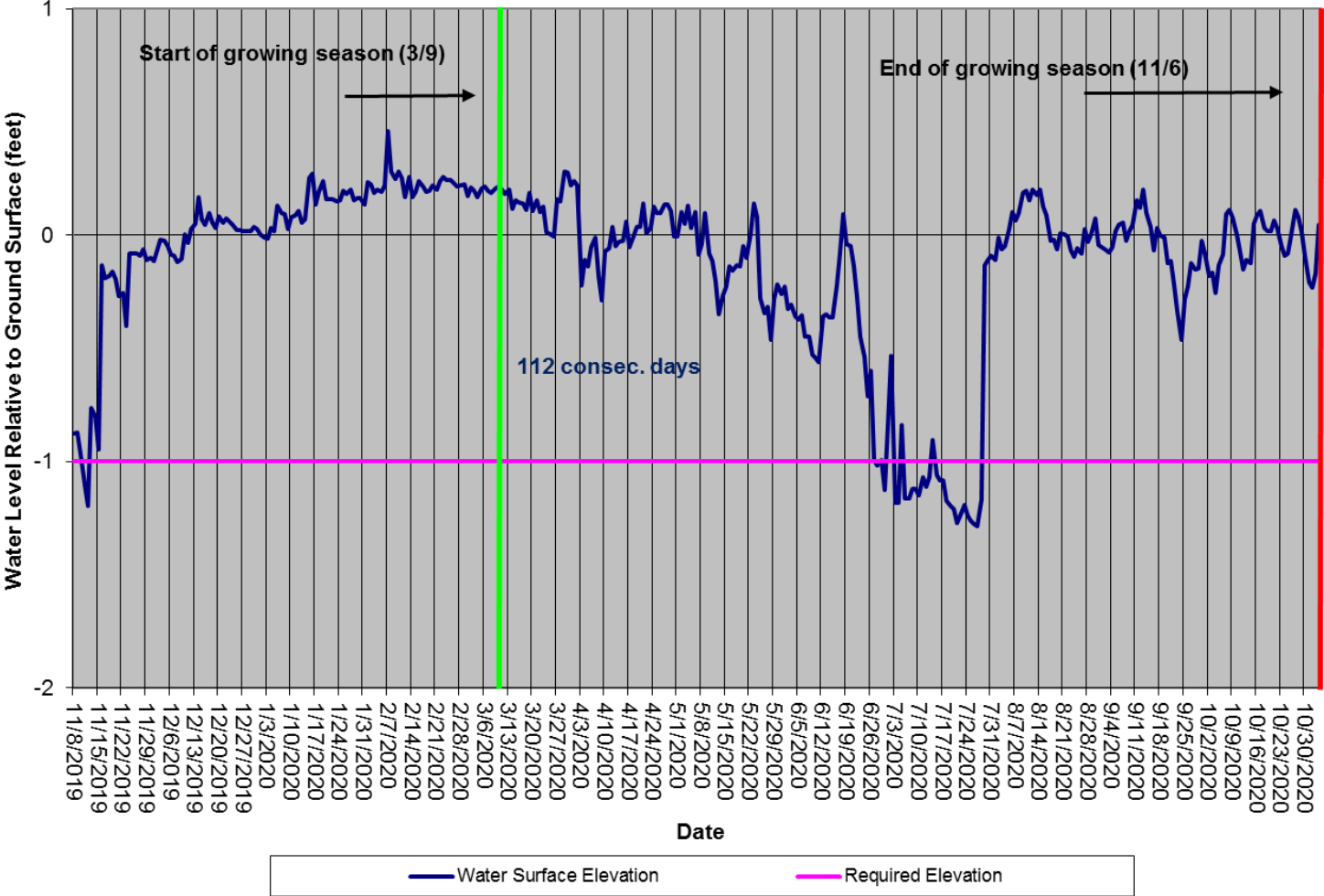
Hofler Monitoring Gauge #6 (2250033)



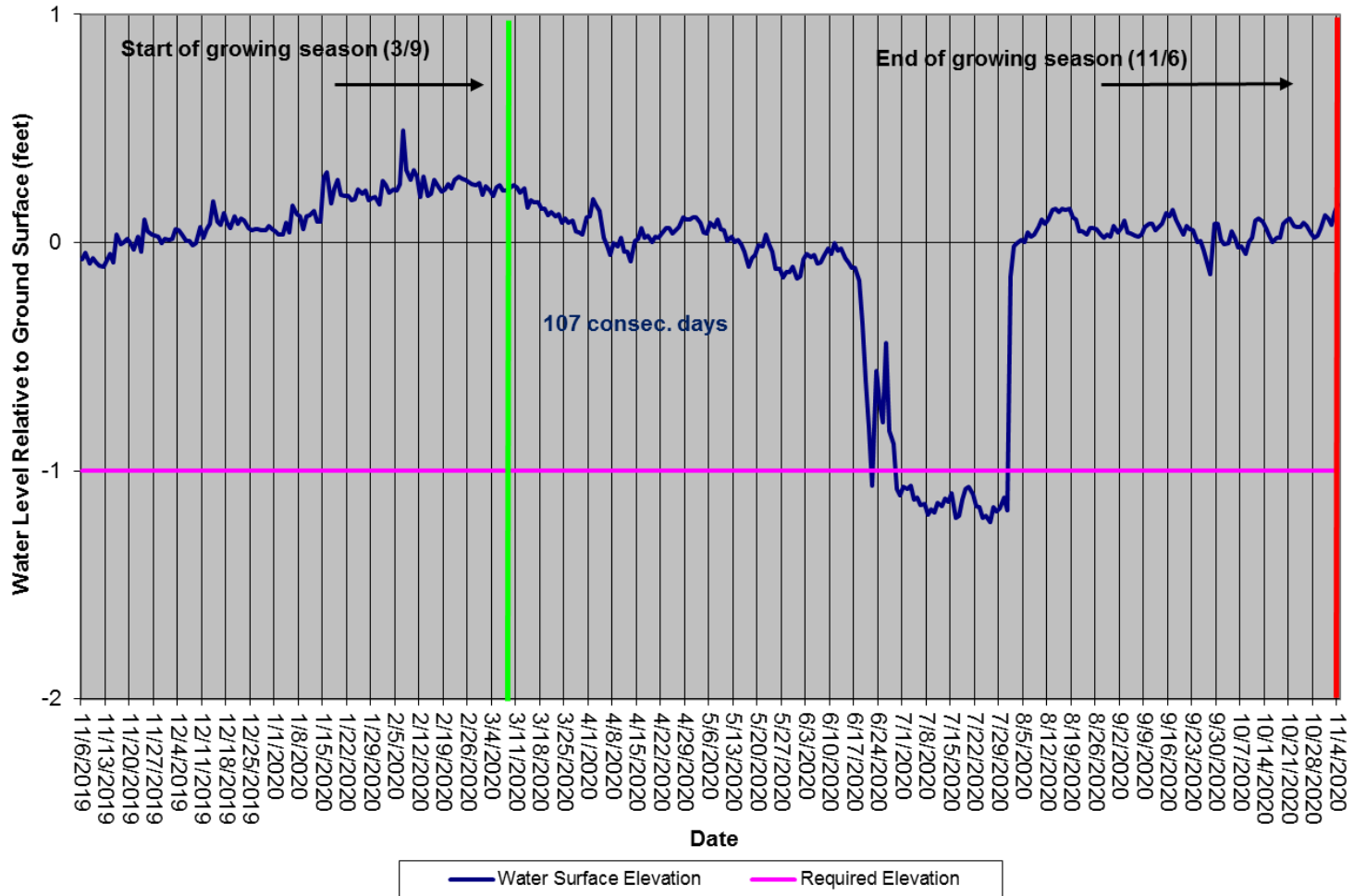
Hofler Monitoring Gauge #7 (1126651)



Hofler Monitoring Gauge #8 (1126652)



Hofler Monitoring Gauge #9 (2238368)



Hofler Monitoring Reference Gauge (2239789)

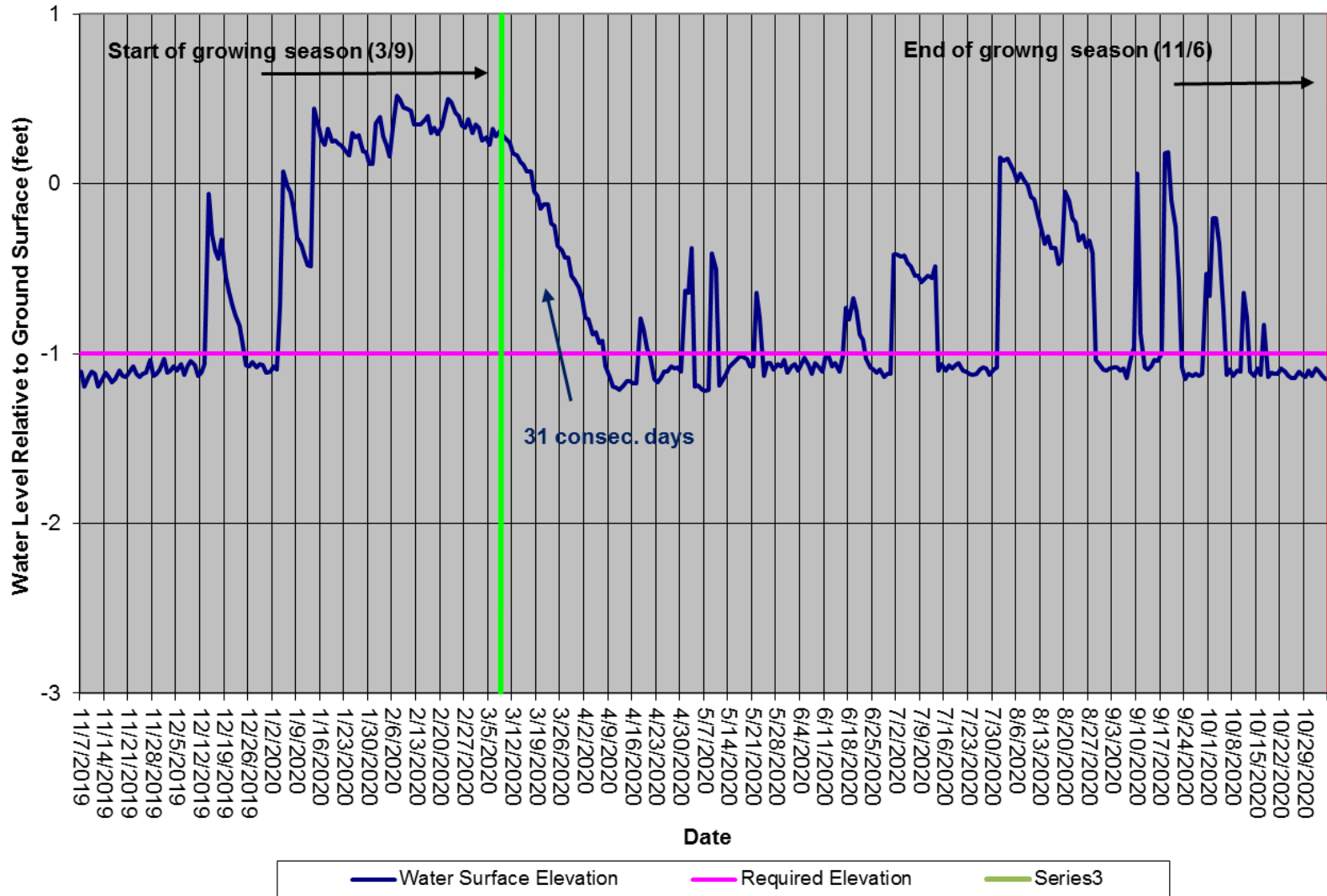


Table 8. Hydroperiod Summaries by Year

Monitoring Gauge Number	Max Consecutive Hydroperiod: Saturation within 12 Inches of Soil Surface: Percent of growing season and Dates																						Mean Days
	WEIS Table: Murfreesboro, NC Growing Season 3/9 - 11/6 (243 days)																						
	2015	Dates	% G.S.	2016	Dates	% G.S.	2017	Dates	% G.S.	2018	Dates	% G.S.	2019	Dates	% G.S.	2020	Dates	% G.S.	2021	Dates	% G.S.		
9669819 (1)	14.0	4/11-5/14	5.8	97	3/9-6/13	39.9	103	3/14-6/26	42.4	101	3/9-6/17	41.6	75	3/9-5/23	30.9	120	3/9-7/5	49.2				78.0	
9669784 (2)	9.1	4/15-5/6	3.7	53	9/3-10/25	21.8	59	4/23-6/20	24.3	67	3/9-5/14	27.6	69	3/9-5/17	28.4	56	8/1-9/25	23.0				51.4	
1272305 (3)	12.8	6/25-7/25	5.2	64	9/1-11/3	26.3	103	3/14-6/24	42.4	99	3/9-6/15	40.7	74	3/9-5/22	30.5	97	3/9-6/12	39.8				70.6	
1303319 (4)	12.8	6/25-7/25	5.2	65	8/30-11/2	26.7	102	3/13-6/22	42.0	99	3/9-6/15	40.7	75	3/9-5/23	30.9	105	3/9-6/20	43.0				70.8	
10610204 (5)	24.7	6/4-8/2	10.2	99	3/9-6/15	40.7	120	3/9-7/6	49.4	127	3/9-7/11	52.3	77	3/9-5/25	31.7	91	3/9-6/6	37.3				89.5	
2250033 (6)	14.0	6/25-7/28	5.8	97	3/9-6/13	39.9	103	3/14-6/24	42.4	101	3/9-6/17	41.6	75	3/9-5/23	30.9	101	3/9-6/16	41.4				78.0	
1126651 (7)	23.5	6/2-7/28	9.7	98	3/9-6/14	40.3	110	3/9-6/26	45.3	100	3/9-6/16	41.2	77	3/9-5/25	31.7	104	3/9-6/19	42.6				81.7	
1126652 (8)	14.0	6/25-7/28	5.8	98	3/9-6/14	40.3	109	3/9-6/25	44.9	101	3/9-6/17	41.6	77	3/9-5/25	31.7	112	3/9-6/27	45.9				79.8	
2238368 (9)	11.5	4/15-5/12	4.7	98	3/9-6/14	40.3	113	3/9-6/29	46.5	182	3/9-9/6	74.9	78	3/9-5/26	32.1	107	3/9-6/22	43.9				96.5	
2239789 (Ref)	Reference site deemed unsuitable, data removed per DMS						29	3/9-4/6	12.0	32	4/4-5/5	13.2	64	3/9-5/12	26.3	31	3/9-4/7	12.7				41.7	
Precip Total	30.02			63.84			54.68			34.04			46.21										
Within 30%/70% Range?	Y			N			N			Y			Y										
	Meets or exceeds success criteria																						
	N/A Not available - Gage pulled or yet to be installed by this phase																						
	M Malfunction, Data Overwritten or Unretrievable																						

Appendix F

Comments and Responses
Adaptive Management
USACE Permit Needs Determination

Hofler Property- Adaptive Management Plan, Revised 09/25/20

Albemarle Restorations, LLC, (AR) is proposing the following Adaptive Management Plan (AMP) for the Hofler Property (DMS Contract #004628) for the North Carolina Division of Mitigation Services (DMS) and Interagency Review Team (IRT) review and comment. This AMP has been revised based on the comments received from the IRT team on June 23, 2020, in which the IRT requested that a revised AMP be submitted that addressed the issue of excess hydrology that has stressed planted stock. As such AR is submitting the following AMP to address both the hydrologic stressor and planted vegetation performance:

1. Lowering the existing ditch plugs to an elevation of 33.7' or approximately 4" per plug. Per the approved as-built, the restored wetlands range in elevations from 33.91' to 33.71', with the average being 33.8' as designed. The ditch plugs were built to elevation 34.0' per design, approximately two tenths above the finish grade of the wetlands. We selected elevation 33.7' instead of 33.8' to try and reduce ponding in any isolated depressions. This remedial action should promote better off site drainage, helping to reduce inundation and ponding into the growing season, which will facilitate better tree survival and growth.
2. Conduct tree planting this winter (20/21) using bare root and/or containerized (based on availability) Bald cypress at a rate of 200 trees/ac or more to bring the stocking up to required levels in underperforming areas. These areas consist of the lower half of the project site, represented by plots 1, 2 and 11-18, as identified in the MY5 Monitoring Report (pg. 11). Additional tree planting across the entire site may occur based on seedling availability. Bald cypress was chosen because of its ability to grow in wet conditions, tolerance to competition, and past performance on site.
3. Conduct 10-15 additional vegetation plot (1/100th ac) surveys across the site this year. These will be randomly located outside of existing survey locations to better assess tree height, density, and survivorship.
4. Continue Hydrologic and Vegetation monitoring for additional three (3) years (MY8, MY9 & MY10) to ensure achievement of success criteria.

Crocker, Lindsay

From: Browning, Kimberly D CIV USARMY CESAW (USA) <Kimberly.D.Browning@usace.army.mil>
Sent: Tuesday, October 27, 2020 10:32 AM
To: Crocker, Lindsay; Davis, Erin B
Subject: RE: [External] Intent to Approve Revised Adaptive Management Plan/ NCDMS Hofler Site / Gates Co./ SAW-2012-01393

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov<mailto:report.spam@nc.gov>

Hi Lindsay

I appreciate that there are at least four species that are FACW or OBL. I would think that Tupelo would do well also, but availability may be difficult. Hopefully they'll do well if the site becomes less inundated. I'm fine with that proposal.

Thanks for following up,

Kim

Kim Browning

Mitigation Project Manager, Regulatory Division | U.S. Army Corps of Engineers

-----Original Message-----

From: Crocker, Lindsay <Lindsay.Crocker@ncdenr.gov>

Sent: Tuesday, October 27, 2020 9:12 AM

To: Browning, Kimberly D CIV USARMY CESAW (USA) <Kimberly.D.Browning@usace.army.mil>; Davis, Erin B <erin.davis@ncdenr.gov>

Subject: [Non-DoD Source] FW: [External] Intent to Approve Revised Adaptive Management Plan/ NCDMS Hofler Site / Gates Co./ SAW-2012-01393

Kim and Erin,

This is the plan with the species diversity (see below). Albemarle would like to go ahead and move forward, but I wanted to double check with you if these species need to be vetted with all of the IRT. All 4 of these were in the planting plan and meet target community of hardwood flat.

Thanks,

Lindsay

Lindsay Crocker

NC DEQ Division of Mitigation Services

217 West Jones St., Raleigh, NC 27603

919.594.3910

lindsay.crocker@ncdenr.gov <<mailto:lindsay.crocker@ncdenr.gov>>

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties unless the content is exempt by statute or other regulation.

From: edtemple@vol.com <edtemple@vol.com>
Sent: Tuesday, October 27, 2020 7:31 AM
To: Crocker, Lindsay <Lindsay.Crocker@ncdenr.gov>
Cc: 'Ashby Brown' <ashby.brown99@gmail.com>; 'Scott McGill' <SMcGill@ecotoneinc.com>
Subject: RE: [External] Intent to Approve Revised Adaptive Management Plan/ NCDMS Hofler Site / Gates Co./ SAW-2012-01393

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Lindsay,

Our plan is to plant a mixture of willow oak, water oak, swamp white oak and cypress with exact quantities of each based availability. We still anticipate cypress to be majority species if available. Please let me know if you need anything else.

Ed

From: Crocker, Lindsay <Lindsay.Crocker@ncdenr.gov <<mailto:Lindsay.Crocker@ncdenr.gov>> >
Sent: Friday, October 23, 2020 2:02 PM
To: Ed Temple <edtemple@vol.com <<mailto:edtemple@vol.com>> >
Subject: Fwd: [External] Intent to Approve Revised Adaptive Management Plan/ NCDMS Hofler Site / Gates Co./ SAW-2012-01393

Sent from my Verizon, Samsung Galaxy smartphone Get Outlook for Android
<Blockedhttps://urldefense.com/v3/_https://aka.ms/ghei36_!!HYmSToolK0XxrkF1xWe5Mc2vm5URXbFqxUZI4Q9lxqy1v3Y_J38_VNQC3Vk1470MSR4gvVMtQDRpAVc\$>

From: Browning, Kimberly D CIV USARMY CESA W (USA) <Kimberly.D.Browning@usace.army.mil
<mailto:Kimberly.D.Browning@usace.army.mil> >
Sent: Friday, October 23, 2020 1:30:44 PM
To: Tugwell, Todd J CIV USARMY CESA W (US) <Todd.J.Tugwell@usace.army.mil
<mailto:Todd.J.Tugwell@usace.army.mil> >; Davis, Erin B <erin.davis@ncdenr.gov <mailto:erin.davis@ncdenr.gov> >;
Wilson, Travis W. <travis.wilson@ncwildlife.org <mailto:travis.wilson@ncwildlife.org> >; Haywood, Casey M CIV (USA)
<Casey.M.Haywood@usace.army.mil <mailto:Casey.M.Haywood@usace.army.mil> >; Bowers, Todd
<bowers.todd@epa.gov <mailto:bowers.todd@epa.gov> >; kathryn_matthews@fws.gov
<mailto:kathryn_matthews@fws.gov> <kathryn_matthews@fws.gov <mailto:kathryn_matthews@fws.gov> >; Wells,
Emily N <Emily_Wells@fws.gov <mailto:Emily_Wells@fws.gov> >; Lekson, David M CIV USARMY CESA W (USA)
<David.M.Lekson@usace.army.mil <mailto:David.M.Lekson@usace.army.mil> >; Barnes, Kyle W CIV USARMY CESA W
(US) <Kyle.W.Barnes@usace.army.mil <mailto:Kyle.W.Barnes@usace.army.mil> >; Smith, Ronnie D CIV USARMY CESA W
(USA) <Ronnie.D.Smith@usace.army.mil <mailto:Ronnie.D.Smith@usace.army.mil> >; McLendon, C S CIV USARMY
CESA W (USA) <Scott.C.McLendon@usace.army.mil <mailto:Scott.C.McLendon@usace.army.mil> >; Dunn, Maria T.
<maria.dunn@ncwildlife.org <mailto:maria.dunn@ncwildlife.org> >
Cc: Baumgartner, Tim <tim.baumgartner@ncdenr.gov <mailto:tim.baumgartner@ncdenr.gov> >; 'Ashby Brown'
<ashby.brown99@gmail.com <mailto:ashby.brown99@gmail.com> >; Allen, Melonie <melonie.allen@ncdenr.gov
<mailto:melonie.allen@ncdenr.gov> >; 'Scott McGill' <SMcGill@ecotoneinc.com <mailto:SMcGill@ecotoneinc.com> >;
'Marie Brady' <mbrady@ecotoneinc.com <mailto:mbrady@ecotoneinc.com> >; Crocker, Lindsay
<Lindsay.Crocker@ncdenr.gov <mailto:Lindsay.Crocker@ncdenr.gov> >
Subject: [External] Intent to Approve Revised Adaptive Management Plan/ NCDMS Hofler Site / Gates Co./ SAW-2012-
01393

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Good afternoon,

The 15-day comment review period for the NCDMS Hofler Mitigation Site Adaptive Management Plan (SAW-2012-01393) closed on October 22, 2020. Per Section 332.8(o)(9) of the 2008 Mitigation Rule, this review followed the streamlined review process. All comments received during the review process are below.

IRT Comments on the Hofler Site Adaptive Management Plan:

The proposed AMP aims to address previously mentioned concerns of excessive hydrology and resulting vegetative mortality. We concur that replanting, additional hydrology monitoring, and additional veg monitoring (MY8-10) may help meet performance standards. The IRT requests that a diversity of species be planted, rather than the proposed single species. The IRT agrees that if the excessive site hydrology is appropriately addressed, additional species should

be suitable for this site. Please note that the original vegetative performance standard at MY7 was set for at least 210 stems per acre with an average height of 10 feet still applies. There is concern that this will be difficult to meet. Failure to meet this standard may lead to an adjustment of credit to account for vegetative density and vigor concerns.

It is our intent to approve this adaptive management plan provided you address IRT concerns listed above. Please contact the mitigation office if you have questions.

Respectfully,

Kim Browning

Mitigation Project Manager, Regulatory Division | U.S. Army Corps of Engineers

-----Original Message-----

From: Browning, Kimberly D CIV USARMY CESAW (USA) <Kimberly.D.Browning@usace.army.mil
<mailto:Kimberly.D.Browning@usace.army.mil> >

Sent: Wednesday, October 07, 2020 10:51 AM

To: Tugwell, Todd J CIV USARMY CESAW (USA) <Todd.J.Tugwell@usace.army.mil

<mailto:Todd.J.Tugwell@usace.army.mil> >; Davis, Erin B <erin.davis@ncdenr.gov <mailto:erin.davis@ncdenr.gov> >;

Wilson, Travis W. <travis.wilson@ncwildlife.org <mailto:travis.wilson@ncwildlife.org> >; Haywood, Casey M CIV (USA)

<Casey.M.Haywood@usace.army.mil <mailto:Casey.M.Haywood@usace.army.mil> >; 'Bowers, Todd

(bowers.todd@epa.gov <mailto:bowers.todd@epa.gov>)' <bowers.todd@epa.gov <mailto:bowers.todd@epa.gov> >;

'Matthews, Kathryn (kathryn_matthews@fws.gov <mailto:kathryn_matthews@fws.gov>)'

<kathryn_matthews@fws.gov <mailto:kathryn_matthews@fws.gov> >; Wells, Emily <emily_wells@fws.gov

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<mailto:David.M.Lekson@usace.army.mil> >; Barnes, Kyle W CIV USARMY CESAW (US) <Kyle.W.Barnes@usace.army.mil

<mailto:Kyle.W.Barnes@usace.army.mil> >; Smith, Ronnie D CIV USARMY CESAW (USA)

<Ronnie.D.Smith@usace.army.mil <mailto:Ronnie.D.Smith@usace.army.mil> >; McLendon, C S CIV USARMY CESAW

(USA) <Scott.C.McLendon@usace.army.mil <mailto:Scott.C.McLendon@usace.army.mil> >; maria.dunn@ncwildlife.org

<mailto:maria.dunn@ncwildlife.org>

Cc: Baumgartner, Tim <tim.baumgartner@ncdenr.gov <mailto:tim.baumgartner@ncdenr.gov> >; 'Ashby Brown'

<ashby.brown99@gmail.com <mailto:ashby.brown99@gmail.com> >; Allen, Melonie <melonie.allen@ncdenr.gov

<mailto:melonie.allen@ncdenr.gov> >; 'Scott McGill' <SMcGill@ecotoneinc.com <mailto:SMcGill@ecotoneinc.com> >;

'Marie Brady' <mbrady@ecotoneinc.com <mailto:mbrady@ecotoneinc.com> >; Crocker, Lindsay

<Lindsay.Crocker@ncdenr.gov <mailto:Lindsay.Crocker@ncdenr.gov> >

Subject: Notice of Revised Adaptive Management Plan/ NCDMS Hofler Site / Gates Co./ SAW-2012-01393

Good morning IRT,

The below referenced REVISED Adaptive Management Plan review has been requested by NCDMS. Per Section 332.8(o)(9) of the 2008 Mitigation Rule, this review follows the streamlined review process, which requires an IRT review period of 15 calendar days from this email notification. Please provide any comments by 5 PM on the 15-day

comment deadline shown below. Comments provided after the 15-day comment deadline (shown below) may not be considered.

At the conclusion of this comment period, a copy of all comments will be provided to NCDMS and the NCIRT along with District Engineer's intent to approve or disapprove this AMP.

The site is currently in MY6; the most recent monitoring report (MY5) is located on the Project Document page. It includes the most recently signed debit ledger and is available here:

Blocked<https://deq.nc.gov/about/divisions/mitigation-services/dms-projects>
<Blocked<https://deq.nc.gov/about/divisions/mitigation-services/dms-projects>>

Hofler

DMS Project # 95355

Chowan River Basin

Cataloging Unit 03010203

Gates County, North Carolina

USACE Action ID: SAW-2012-01393

DWR# 16-0044

Proposed Assets:

23.000 Non-Riparian WMUs

15-Day Comment Start: October 7, 2020

15-Day Comment Deadline: October 22, 2020

45-Day DE Decision: November 21, 2020

Please contact the Mitigation Office if you have questions.

Thanks,

Kim

Kim Browning

Mitigation Project Manager, Regulatory Division | U.S. Army Corps of Engineers

3331 Heritage Trade Dr, Ste. 105 | Wake Forest, NC 27587 | 919.554.4884 x60

BUILDING STRONG (r)



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS
69 DARLINGTON AVENUE
WILMINGTON, NORTH CAROLINA 28403-1343

July 21, 2014

Regulatory Division

Re: NCIRT Review and USACE Approval of the Hofler Property Wetland Mitigation Site Plan; SAW-2012-01393; NCEEP Project # 95355

Mr. Tim Baumgartner
North Carolina Ecosystem Enhancement Program
1652 Mail Service Center
Raleigh, NC 27699-1652

Dear Mr. Baumgartner:

The purpose of this letter is to provide the North Carolina Ecosystem Enhancement Program (NCEEP) with all comments generated by the North Carolina Interagency Review Team (NCIRT) during the 30-day comment period for the the Hofler Property Wetland Mitigation Site Plan, which was reposted and closed on April 5, 2014. These comments are attached for your review.

This mitigation plan was originally posted in January, 2014. Comments posted identified numerous concerns with the projects (see attached memo). Because of these comments, the plan was revised in March 2014, and reposted on March 6, 2014 for a second review. The deadline for comments was April 5, 2014. An initial review of the comments revealed that many of the comments from the first round of comments had not been addressed in the March mitigation plan revision.

Prior to making a determination as to whether to approve this project, a third copy of the mitigation plan, dated May 2014, was received on May 29, 2014. This plan has subsequently been reviewed in light of the comments provided by NCIRT members during the review. Most of the comments have been addressed in the recent version of the plan, including concerns regarding well placement, vegetation plots, appropriate hydroperiod, and the proposed species list for planting. Based on these modifications, we have determined that major concerns identified with the Draft Mitigation Plan have been addressed, and the mitigation plan is considered approved with this correspondence.

Nevertheless, we believe it is important to note that the location and method of construction at the proposed site are not preferred, and effort should be made to avoid this type of project in the future. As a general rule, we do not believe that building berms around a restored wetland is an appropriate way to reestablish hydrology on a site. To begin with, this is not true restoration as you are establishing an entirely new hydrology regime on the site. Water flow into and out of the wetland is severely restricted by the berms, and the outflow elevation for the entire site is controlled by "ditch plugs/check dams" (see discussion on page 23 of the mitigation plan dated May 2014). In addition, there is the potential that

berms may be breached in the future through natural or anthropogenic means, which could affect the hydrology of the entire site. Lastly, constructing a wetland site in the middle of an agricultural field is not ideal as it drastically limits the connection between the site and forested wetlands adjacent to or downstream from the project. In this case, water flowing from the site must travel through more than ¼ mile of ditch before it reaches the forested headwaters of Lassiter Swamp, limiting the benefit of the project and the ability of the site to fully achieve the stated goals of the mitigation plan.

The Final Mitigation Plan is to be submitted with the Preconstruction Notification (PCN) Application for Nationwide permit approval of the project along with a copy of this letter. All changes made to the Final Mitigation Plan should be summarized in an errata sheet included at the beginning of the document. As it was determined that the project does not contain jurisdictional waters of the U.S., construction for the project does not require a Department of the Army permit; however, you must still provide a copy of the Final Mitigation Plan, along with a copy of this letter, to the appropriate USACE field office at least 30 days in advance of beginning construction of the project. Please note that this approval does not preclude the inclusion of permit conditions in the permit authorization for the project. Additionally, this letter provides initial approval for the Mitigation Plan, but this does not guarantee that the project will generate the requested amount of mitigation credit. As you are aware, unforeseen issues may arise during construction or monitoring of the project that may require maintenance or reconstruction that may lead to reduced credit.

Thank you for your prompt attention to this matter, and if you have any questions regarding this letter, the mitigation plan review process, or the requirements of the Mitigation Rule, please call me at 919-846-2564.

Sincerely,



Todd Tugwell
Special Projects Manager

TUGWELL.TODD.JASON.1048429293
2014.07.21 14:23:23 -04'00'

Enclosures

Electronic Copies Furnished:

NCIRT Distribution List
NCEEP/Heather Smith
NCEEP/Lin Xu

Ed Temple

From: Smith, Heather [heather.c.smith@ncdenr.gov]
Sent: Monday, July 21, 2014 3:24 PM
To: edtemple@vol.com
Subject: FW: NCEEP Draft Mitigation Plan Approval Letter with Comment Memo / Hofler Property Wetland Mitigation Project / Gates County / SAW-2012-01393 (UNCLASSIFIED)

Categories: Red Category

Ed,

Here is the clarification email.

Sincerely,

Heather Smith
Eastern Project Manager
Ecosystem Enhancement Program
919-707-8496
heather.c.smith@ncdenr.gov

Physical Address:
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-----Original Message-----

From: Tugwell, Todd SAW [<mailto:Todd.Tugwell@usace.army.mil>]
Sent: Monday, July 21, 2014 3:17 PM
To: Baumgartner, Tim
Cc: Smith, Heather
Subject: RE: NCEEP Draft Mitigation Plan Approval Letter with Comment Memo / Hofler Property Wetland Mitigation Project / Gates County / SAW-2012-01393 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

No, that was an oversight. No need for a PCN.

Todd

-----Original Message-----

From: Baumgartner, Tim [<mailto:tim.baumgartner@ncdenr.gov>]
Sent: Monday, July 21, 2014 3:02 PM
To: Tugwell, Todd SAW
Cc: Smith, Heather
Subject: [EXTERNAL] RE: NCEEP Draft Mitigation Plan Approval Letter with Comment Memo / Hofler Property Wetland Mitigation Project / Gates County / SAW-2012-01393 (UNCLASSIFIED)

Todd,

Thanks for the letter. We are a little confused. The last paragraph of the letter says to submit a PCN. There is no PCN needed for the project because the site is not currently jurisdictional. Do they submit a PCN anyway or was this an oversight?

Thanks
Tim

=====

Tim Baumgartner, CPESC
Deputy Director of Operations
Ecosystem Enhancement Program
Department of Environment and Natural Resources

Office - 919-707-8543

Cell - 919-218-2557

From: Tugwell, Todd SAW [<mailto:Todd.Tugwell@usace.army.mil>]
Sent: Monday, July 21, 2014 2:43 PM
To: Baumgartner, Tim
Cc: Xu, Lin; Smith, Heather; Fritz Rohde (Fritz.Rohde@noaa.gov); Chapman, Amy; Baker, Virginia; Beter, Dale E SAW; Biddlecome, William J SAW; bowers.todd@epa.gov; Crumbley, Tyler SAW; Karoly, Cyndi; Cox, David R.; Hall, Dolores; Emily.Jernigan@fws.gov; Alsmeyer, Eric C SAW; Kulz, Eric; Gibby, Jean B SAW; Greer, Emily C SAW; Jones, Scott SAW; Higgins, Karen; Kathryn.Matthews@fws.gov; Marella Buncick (Marella.Buncick@fws.gov); McLendon, Scott C SAW; Gledhill-earley, Renee; Sollod, Steve; Wilson, Travis W.; Wheeler, Tracey L SAW; Wicker, Henry M JR SAW
Subject: NCEEP Draft Mitigation Plan Approval Letter with Comment Memo / Hofler Property Wetland Mitigation Project / Gates County / SAW-2012-01393 (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

Mr. Baumgartner,

Attached is the approval letter for the Draft Mitigation Plan for the Hofler Mitigation Project, along with all the comments that were generated during the IRT's review of the project on the Mitigation Plan Review Portal. Please note that this letter approves the Draft Mitigation Plan. The site was determined to have no waters of the U.S., so a permit is not required for construction; however, a copy of the final mitigation plan should be provided at least 30 days prior to construction on site. Also, please ensure that the Final Mitigation Plan is posted to NCEEP's documents portal so that all members of the IRT have access to the Final plan.

Please let me know if you have any questions about the process or the attached letter.

Todd Tugwell
Special Projects Manager
Regulatory Division
Wilmington District
U.S. Army Corps of Engineers
11405 Falls of Neuse Road
Wake Forest, NC 27587
(919) 846-2564

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE