



## DEPARTMENT OF THE ARMY

MOBILE DISTRICT, CORPS OF ENGINEERS

P.O. BOX 2288

MOBILE, AL 36628-0001

January 18, 2013

REPLY TO  
ATTENTION OF:

Inland Branch South  
Regulatory Division

SUBJECT: Department of the Army Application Number SAM-2012-00885-MBM,  
Plains Southcap L.L.C. - Alabama, Mobile County, Alabama.

Plains Southcap, L.L.C.  
C/o SWCA Environmental Consultant  
Attention: R. Thomas Sankey  
7255 Langtry, Suite 100  
Houston, TX 77040

Dear Mr. Sankey:

This letter is in response to your September 12, 2012, request for a Department of the Army (DA) permit to construct a 41-mile crude oil pipeline starting at the Plains Ten-Mile Crude Oil Facility in Mobile Alabama, located approximately 11 miles northwest of downtown Mobile, and extends southwest to Pascagoula, Mississippi. The Alabama segment of the pipeline application has been assigned number SAM-2012-00885-MBM which should be referred to in all future correspondence with this office. The Alabama segment of the project starts at the Plains Ten-Mile Crude Oil Facility near 30.794917 North, -88.210341 West, follows an existing utility corridor to the west, and ends where the existing utility line corridor crosses Eli Dudley Road at the Alabama/Mississippi state line at 30.622880 North, -88.407197 West.

DA permit authorization is necessary because your pipeline project requires temporary trenching of 22 stream crossings, impacting 389 linear feet of stream bottoms, and the mechanized land-clearing, temporary trenching and side-casting of fill, and temporary and permanent conversion of bottomland hardwood wetlands to shrub-scrub and emergent wetlands within 40.42 acres of wetlands located within 107 wetland polygons along the pipeline corridor in Alabama. All stream crossing impacts are located within Big Creek, Double Branch, Hamilton Creek, Pierce Creek, Red Creek, Wolf Branch, and Seabury Creek. The wetland impacts are located within the larger wetland systems adjacent to these streams. The attached Table 1 identifies the permanent and temporary impacts to waters of the U.S. for the Alabama segment of the pipeline. The attached Table 2 identifies all permanent habitat conversion impacts to bottomland hardwood wetlands requiring compensatory mitigation in accordance with the Mobile District's mitigation guidance for Converted Wetland Habitat Right-of-way for Typical Linear Project with Typical Recommendation for Compensation due to Vegetation Conversion. The applicant provides that they will purchase the required 25.92 bottomland hardwood compensatory mitigation credits reflected on Table 2 from the Wetland Solutions Lillian Swamp Mitigation Bank in Lillian, Alabama.

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Based upon the information and plans you provided, we hereby verify that the work described above, which would be performed in accordance with the attached drawings, is authorized by Nationwide Permit (NWP) 12, *Utility Line Activities*, in accordance with 33 CFR Part 330 of our regulations. As detailed in the enclosed Table 1, fourteen separate NWP 12 verifications are provided. All impacts and crossings of a single water of the United States at a specific location is considered a single and complete project. Impacts associated with each waterbody and adjacent wetland was verified as a single and complete project. NWP 12 project verification numbers are identified in column one of Table 1. NWP 12 and its associated regional and general conditions are available at: [www.sam.usace.army.mil/rd/reg/](http://www.sam.usace.army.mil/rd/reg/).

You must comply with all of the regional and general conditions and any project specific conditions of these verifications or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verifications may be required. These verifications are valid for **two years** from the date of this document and are subject to all terms and conditions associated with NWP 12, as well as with the special conditions. The following special conditions apply to each of the fourteen NWP 12 verifications identified in Table 1:

a. You shall comply with all the terms and conditions of the Alabama Department of Environmental Management Section 401 Water Quality Certification for Nationwide Permit 12. This document can be viewed and downloaded from our website at [www.sam.usace.army.mil/RD/reg/nwp.htm](http://www.sam.usace.army.mil/RD/reg/nwp.htm) for your review and compliance, or at your request a paper copy will be provided to you.

b. Material resulting from trench excavation may be temporarily side cast into waters of the United States for no more than three months, and must be placed and stabilized in such a manner that it will not be dispersed by currents or other forces.

c. Prior to any impacts to waters of the United States, the permittee shall submit to this office of the U.S. Army Corps of Engineers proof-of-purchase of the 25.92 bottomland hardwood wetland mitigation credits from an approved wetland mitigation bank in Alabama. As shown in the attached Table 2, mitigation shall compensate for the following: 1) temporary impacts to 12.75 acres of bottomland hardwood wetlands allowed to return to bottomland hardwood wetlands at a ratio of 0.25:1, 3) impacts to 0.71 acres of bottomland hardwood wetlands permanently converted to scrub-shrub wetlands at a ratio of 0.5:1, and 4) impacts to 22.37 acres of bottomland hardwood wetlands permanently converted to emergent wetlands at a ratio of 1:1.

d. All temporary impacts to waters of the United States reflected in Table 1 shall be restored to pre-impact elevation, contours, and ecological condition except for mitigated permanent conversion impacts shown on Table 2.



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1. For all temporary trenching impacts in wetlands, the top 6 to 12 inches of removed topsoil will be backfilled as topsoil. All organic soils will be maintained for use in restoring the temporary impacts. Wetlands will be restored to pre-impact elevation, contours, and ecological condition. Excess material will be placed in an approved upland location. Sites will be allowed to revegetate naturally unless monitoring reflects the site is not returning to pre-impact ecological condition and requires active management. If active management is necessary, the applicant will develop a wetland mitigation plan for restoring these areas. No exotic invasive species shall be present.
2. Each temporarily impacted stream must be restored to pre-impact pattern, profile, and dimension, and stream banks stabilized immediately upon completion of the utility line installation at the stream location.
3. Annual monitoring reports shall be provided for 5 years demonstrating all temporary impacts to wetlands and streams are been returned to pre-impact elevation, contours, and ecological condition. The USACE shall be responsible for making the determination on the success of these areas returning to pre-impact condition. If the temporary impacts to wetlands and streams are not demonstrating achieving this goal, the permittee shall provide an alternative mitigation strategy which may include the purchase of mitigation credits from an approved wetland mitigation bank.

e. Should artifacts or archaeological features be encountered during project activities, work shall cease and the permittee shall immediately contact this office at 251-694-3771. The Mobile District will coordinate any findings with the Alabama Historic Preservation Officer. This stipulation shall be placed on the construction plans, and it is the permittee's responsibility to ensure that contractors are aware of this requirement.

f. All excavation and fill activities shall be performed in a manner that minimizes disturbance and turbidity increases in "waters of the United States" and wetlands; and shall be retained in a manner to preclude its erosion into any adjacent wetlands or waterway. Appropriate erosion and siltation control measures must be used and maintained in effective operating condition during construction and until such time as the disturbed wetlands and stream banks are revegetated with native wetland species either through natural processes or artificial planting.

g. Only original soils from the excavated trench may be used as backfill material.

h. The disposal of trees, brush and other debris in any stream corridor, wetland or surface water is prohibited. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

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i. The movement of equipment within wetlands shall be limited to the minimum necessary to accomplish the work authorized herein. All equipment required to traverse through wetland areas shall be supported on mats or other appropriate measures shall be implemented to minimize soil compaction, rutting, and other damage to wetlands.

j. Project construction shall be conducted in such a manner the passage of normal and expected high flows of surface water runoff outside the project boundaries is not restricted or otherwise altered.

k. It is the responsibility of the permittee to ensure that all contractors working on this project are aware of all regional, general, and project specific conditions of this NWP. A copy of the permit and its general and special conditions shall remain on site at all times during construction.

If you commence or are under contract to commence this activity before the date the relevant NWP is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP permit. The statements contained herein do not convey any property rights, or any exclusive privileges and does not authorize any injury to property or obviate the requirements to obtain other local, State or Federal assent required by law. Nothing in this letter shall be construed as excusing you from compliance with other Federal, State, or local statutes, ordinances, or regulations which may affect this work.

Please note, NWP General Condition 26 (*Compliance Certification*) requires that every permittee who has received NWP verification must submit a signed certification regarding the completed work and any required mitigation within 60 days of having completed the authorized work. The enclosed Compliance Certification card may be utilized for that purpose.

The permittee shall also notify the U.S. Army Corps of Engineers, Mobile District Regulatory Division in writing upon commencement of work authorized by this permit. The enclosed Commencement Certification card may be use for that purpose. Such notification must be provided within 5 days of initiation of the authorized work.

The enclosed yellow Notice of Authorization card must be posted at the site during construction of the authorized activity.

Please contact me at (251) 694-3771, or by e-mail at michael.b.moxey@usace.army.mil if you have any questions. For additional information about our Regulatory Program, visit our web

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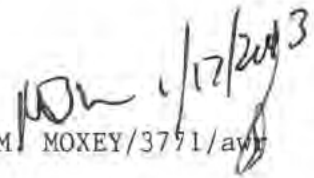
site at [www.sam.usace.army.mil/RD/reg](http://www.sam.usace.army.mil/RD/reg), and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

Sincerely,



Michael B. Moxey  
Team Leader, Inland South  
Regulatory Division

Enclosures

  
M MOXEY/3771/aw  
Rd-I-S  
FILE



When the structures or work authorized by this nationwide permit SAM-2012-00885-MBM are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

\_\_\_\_\_  
(TRANSFEREE)

\_\_\_\_\_  
(DATE)



US Army Corps of Engineers  
Mobile District

**NOTIFICATION OF COMMENCEMENT OF WORK**

Permit Number: SAM-2012-0885-MBM

Name of Permittee: Plains Southcap, L.L.C.

Date of Permit Issuance: January 17, 2013

Location of the Work: Mobile County, Alabama

**Upon commencement of the authorized work and any mitigation required by the permit, you must complete and return this notification to the following address:**

**U.S. Army Corps of Engineers, Mobile District  
Regulatory Division (RD-I), Moxey  
Post Office Box 2288  
Mobile, Alabama 36628-0001**

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with all terms and conditions of this permit the permit is subject to permit suspension, modification, or revocation and you are subject to an enforcement action by this office.

IT SHALL NOT BE LAWFUL TO DEVIATE FROM SUCH PLANS EITHER BEFORE OR AFTER COMPLETION OF THE WORK, unless modification of said plans has previously been submitted to and received the approval of the Department of the Army. If for any reason it becomes necessary to make a material change in location or plans for this work, revised plans should be submitted promptly to the District Engineer in order that the revised plans may receive the approval required by law before work is begun.

**PERMITTEE TO COMPLETE THE FOLLOWING:**

Date Work Commenced: \_\_\_\_\_

\_\_\_\_\_  
Signature of Permittee

\_\_\_\_\_  
Date



US Army Corps of Engineers  
Mobile District

**SELF-CERTIFICATION - STATEMENT OF COMPLIANCE**

Permit Number: SAM-2012-00885-MBM

Name of Permittee: Plains Southcap, L.L.C.

Date of Permit Issuance: January 17, 2013

Location of the Work: Mobile County, Alabama

**Upon completion of the activity authorized by this permit and any mitigation required by the permit, you must complete and return this certification to the following address:**

**U.S. Army Corps of Engineers, Mobile District  
Regulatory Division (RD-1), Moxey  
Post Office Box 2288  
Mobile, Alabama 36628-0001**

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with all terms and conditions of this permit the permit is subject to permit suspension, modification, or revocation and you are subject to an enforcement action by this office.

**PERMITTEE TO COMPLETE THE FOLLOWING:**

Date Work Completed: \_\_\_\_\_

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the permit authorization, including all general and/or special conditions of the said permit, and the required mitigation (if applicable) was completed in accordance with the permit conditions.

\_\_\_\_\_  
Signature of Permittee

\_\_\_\_\_  
Date



TABLE 1

NWP #	Waters_Name	Local_Waterway	Cowadin_Code	HGM_Code	Amount	Units	Waters_Type	Latitude	Longitude
1	WBC001	Big Creek	R5	RIVERINE	0.002628	ACRE	RPW	30.640624	-88.379596
1	WBC006	Big Creek	R5	RIVERINE	0.005754	ACRE	RPW	30.628713	-88.39943
1	WETC001-E0	Big Creek	PEM	RIVERINE	0.001738	ACRE	NRPW	30.639632	-88.382044
1	WETC001-F0	Big Creek	PFO	RIVERINE	0.252142	ACRE	RPW	30.639643	-88.381798
1	WETC002-F0	Big Creek	PFO	RIVERINE	0.114467	ACRE	RPW	30.640664	-88.379493
1	WETC002-F1	Big Creek	PFO	RIVERINE	0.036891	ACRE	RPW	30.640625	-88.379648
2	WBC007	Big Creek	R5	RIVERINE	0.005283	ACRE	RPW	30.629394	-88.398181
2	WETC017-F0	Big Creek	PFO	RIVERINE	0.536329	ACRE	RPW	30.629024	-88.398835
2	WETC017-F1	Big Creek	PFO	RIVERINE	0.209903	ACRE	RPW	30.629481	-88.398009
2	WETD010-E0	Big Creek	PEM	RIVERINE	0.25276	ACRE	RPW	30.631338	-88.394859
2	WETD010-E1	Big Creek	PEM	RIVERINE	0.022645	ACRE	RPW	30.632273	-88.393147
2	WETD010-F0	Big Creek	PFO	RIVERINE	1.753925	ACRE	RPW	30.631112	-88.394995
2	WETD010-F1	Big Creek	PFO	RIVERINE	0.567402	ACRE	RPW	30.632271	-88.392922
3	WBD005	Big Creek	R4	RIVERINE	0.005538	ACRE	RPW	30.635923	-88.388521
3	WETD011-E2	Big Creek	PEM	RIVERINE	0.195032	ACRE	RPW	30.636861	-88.387627
3	WETD011-F0	Big Creek	PFO	RIVERINE	1.410562	ACRE	RPW	30.634884	-88.388651
3	WETD011-F1	Big Creek	PFO	RIVERINE	1.768611	ACRE	RPW	30.636848	-88.387315
3	WETGT008-F0	Big Creek	PFO	RIVERINE	0.24478	ACRE	NRPW	30.625219	-88.405534
4	WBC112A	Double Branch	R5	RIVERINE	0.044981	ACRE	RPW	30.776907	-88.226959
4	WETC024-E0	Double Branch	PEM	RIVERINE	1.136951	ACRE	NRPW	30.769293	-88.23972
4	WETC025-F0	Double Branch	PFO	RIVERINE	0.095886	ACRE	NRPW	30.771939	-88.237645
4	WETC026-F0	Double Branch	PFO	RIVERINE	0.700075	ACRE	NRPW	30.776143	-88.233465
4	WETC027-F0	Double Branch	PFO	RIVERINE	2.253568	ACRE	RPW	30.7769	-88.22828
5	WBC010A	Hamilton Creek	R6	RIVERINE	0.043084	ACRE	NRPW	30.733458	-88.265592
5	WBD008	Hamilton Creek	R5	DEPRESS	0.041643	ACRE	RPW	30.753264	-88.254499
5	WBD009A	Hamilton Creek	R5	DEPRESS	0.018636	ACRE	RPW	30.753563	-88.254378
5	WBD009C	Hamilton Creek	R5	RIVERINE	0.0094	ACRE	RPW	30.755021	-88.253749
5	WETC021-E1	Hamilton Creek	PEM	RIVERINE	0.38585	ACRE	NRPW	30.734652	-88.264206
5	WETC021-F0	Hamilton Creek	PFO	RIVERINE	0.724849	ACRE	NRPW	30.732676	-88.266663
5	WETC021-F1	Hamilton Creek	PFO	RIVERINE	0.380244	ACRE	NRPW	30.733973	-88.265033
5	WETD013-E0	Hamilton Creek	PEM	RIVERINE	0.030492	ACRE	RPW	30.752964	-88.254545
5	WETD013-E1	Hamilton Creek	PEM	RIVERINE	0.004389	ACRE	RPW	30.754919	-88.253672
5	WETD013-E2	Hamilton Creek	PEM	RIVERINE	0.003509	ACRE	RPW	30.755091	-88.253599
5	WETD013-F0	Hamilton Creek	PFO	RIVERINE	4.31402	ACRE	RPW	30.74899	-88.256396
5	WETD013-F1	Hamilton Creek	PFO	RIVERINE	0.313557	ACRE	RPW	30.753288	-88.254549
5	WETD013-F2	Hamilton Creek	PFO	RIVERINE	0.987067	ACRE	RPW	30.754252	-88.254079
5	WETD013-F4	Hamilton Creek	PFO	RIVERINE	0.11449	ACRE	RPW	30.755122	-88.25373



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5	WETD014-F0	Hamilton Creek	PFO	RIVERINE	0.168743	ACRE	RPWWD	30.757717	-88.252521
6	WBC011	Hamilton Creek	R5	RIVERINE	0.035078	ACRE	RPW	30.740104	-88.259529
6	WETC021-F2	Hamilton Creek	PFO	RIVERINE	3.490466	ACRE	NRPWW	30.736527	-88.26199
6	WETC022-F0	Hamilton Creek	PFO	RIVERINE	0.078867	ACRE	RPWWD	30.739801	-88.259596
6	WETC022-F1	Hamilton Creek	PFO	RIVERINE	0.721791	ACRE	RPWWD	30.741075	-88.259065
6	WETC022-F2	Hamilton Creek	PFO	RIVERINE	0.222628	ACRE	RPWWD	30.742567	-88.259184
6	WETC022-S0	Hamilton Creek	PSS	RIVERINE	0.143046	ACRE	RPWWD	30.739814	-88.259674
6	WETC022-S1	Hamilton Creek	PSS	RIVERINE	0.62931	ACRE	RPWWD	30.741335	-88.259191
7	WBD006	Hamilton Creek	R5	RIVERINE	0.019378	ACRE	RPW	30.722927	-88.275246
7	WBD007	Hamilton Creek	R5	RIVERINE	0.066024	ACRE	RPW	30.724474	-88.274281
7	WBG010	Hamilton Creek	R4	RIVERINE	0.004736	ACRE	RPW	30.719949	-88.277182
7	WETD012A-E0	Hamilton Creek	PEM	RIVERINE	0.054217	ACRE	RPWWD	30.722907	-88.275331
7	WETD012A-E1	Hamilton Creek	PEM	RIVERINE	0.001832	ACRE	RPWWD	30.722947	-88.275171
7	WETD012A-E3	Hamilton Creek	PEM	RIVERINE	0.006768	ACRE	RPWWD	30.724217	-88.274585
7	WETD012A-E4	Hamilton Creek	PEM	RIVERINE	0.000592	ACRE	RPWWD	30.724529	-88.274214
7	WETD012A-E5	Hamilton Creek	PEM	RIVERINE	0.56923	ACRE	RPWWD	30.724696	-88.274156
7	WETD012A-F0	Hamilton Creek	PFO	RIVERINE	0.002773	ACRE	RPWWD	30.722777	-88.275275
7	WETD012A-F1	Hamilton Creek	PFO	RIVERINE	0.175164	ACRE	RPWWD	30.722693	-88.275419
7	WETD012A-F2	Hamilton Creek	PFO	RIVERINE	0.057857	ACRE	RPWWD	30.723003	-88.275313
7	WETD012A-F3	Hamilton Creek	PFO	RIVERINE	1.017483	ACRE	RPWWD	30.723719	-88.274775
7	WETD012B-F0	Hamilton Creek	PFO	RIVERINE	1.96307	ACRE	RPWVN	30.727321	-88.272523
8	WBC008	Pierce Creek	R5	RIVERINE	0.022986	ACRE	RPW	30.68882	-88.304763
8	WBC010B	Pierce Creek	R4	RIVERINE	0.015876	ACRE	RPW	30.691137	-88.302385
8	WETC018-F0	Pierce Creek	PFO	RIVERINE	0.267358	ACRE	NRPWW	30.684997	-88.308881
8	WETC019-E0	Pierce Creek	PEM	RIVERINE	0.255359	ACRE	RPWWD	30.687801	-88.305393
8	WETC019-E1	Pierce Creek	PEM	RIVERINE	0.340338	ACRE	RPWWD	30.689985	-88.303923
8	WETC019-E2	Pierce Creek	PEM	RIVERINE	0.032184	ACRE	RPWWD	30.691306	-88.302267
8	WETC019-F0	Pierce Creek	PFO	RIVERINE	1.31507	ACRE	RPWWD	30.687637	-88.305382
8	WETC019-F1	Pierce Creek	PFO	RIVERINE	1.608762	ACRE	RPWWD	30.690068	-88.303645
8	WETC019-F2	Pierce Creek	PFO	RIVERINE	0.107212	ACRE	RPWWD	30.691151	-88.302287
8	WETC020A-E0	Pierce Creek	PEM	SLOPE	0.023114	ACRE	NRPWW	30.692302	-88.297253
8	WETC020B-E1	Pierce Creek	PEM	DEPRESS	0.071196	ACRE	NRPWW	30.700187	-88.289855
8	WETC020B-F0	Pierce Creek	PFO	SLOPE	0.02627	ACRE	NRPWW	30.692282	-88.297174
9	WBE002	Pierce Creek	R5	RIVERINE	0.004602	ACRE	RPW	30.663047	-88.335927
9	WBE005	Pierce Creek	R5	RIVERINE	0.011986	ACRE	RPW	30.678024	-88.320093
9	WETC029-E0	Pierce Creek	PEM	RIVERINE	0.042034	ACRE	NRPWW	30.679921	-88.317179
9	WETC029-F0	Pierce Creek	PFO	RIVERINE	0.121551	ACRE	NRPWW	30.679802	-88.317167



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9	WETE006-E0	Pierce Creek	PEM	RIVERINE	0.323679	ACRE	RPWWD	30.677653	-88.320824
9	WETE006-E1	Pierce Creek	PEM	RIVERINE	0.117766	ACRE	RPWWD	30.678251	-88.31987
9	WETE006-F0	Pierce Creek	PFO	RIVERINE	0.569895	ACRE	RPWWD	30.677576	-88.320745
9	WETE006-F1	Pierce Creek	PFO	RIVERINE	0.203093	ACRE	RPWWD	30.678151	-88.319832
9	WETE007-E0	Pierce Creek	PEM	DEPRESS	0.328927	ACRE	RPWVN	30.675604	-88.324089
9	WETE007-F0	Pierce Creek	PFO	DEPRESS	0.424245	ACRE	RPWVN	30.67536	-88.324302
9	WETE007-F1	Pierce Creek	PFO	DEPRESS	0.2009	ACRE	RPWVN	30.675858	-88.323499
9	WETE008-E0	Pierce Creek	PEM	DEPRESS	0.01858	ACRE	RPWVN	30.673687	-88.327211
9	WETE008-F0	Pierce Creek	PFO	DEPRESS	0.01004	ACRE	RPWVN	30.673648	-88.327194
9	WETGT007-F0	Pierce Creek	PFO	RIVERINE	0.05961	ACRE	RPWWD	30.66956	-88.333484
10	WBG004	Pierce Creek	R5	RIVERINE	0.033945	ACRE	RPW	30.669564	-88.333613
10	WETE001-F0	Pierce Creek	PFO	RIVERINE	0.34813	ACRE	RPW	30.667366	-88.335929
10	WETE002-F0	Pierce Creek	PFO	RIVERINE	0.215872	ACRE	RPW	30.665137	-88.335911
10	WETE002-F4	Pierce Creek	PFO	RIVERINE	0.559541	ACRE	RPW	30.663931	-88.335898
10	WETE002-F5	Pierce Creek	PFO	RIVERINE	0.212089	ACRE	RPW	30.662869	-88.335932
10	WETE003-E0	Pierce Creek	PEM	RIVERINE	0.013038	ACRE	RPW	30.660803	-88.338028
10	WETE003-F1	Pierce Creek	PFO	RIVERINE	0.539299	ACRE	RPW	30.660551	-88.338313
11	WBD011	Red Creek	R5	RIVERINE	0.009817	ACRE	RPW	30.776807	-88.221516
11	WETD015-E0	Red Creek	PEM	RIVERINE	0.021362	ACRE	NRPWW	30.783939	-88.210248
11	WETD015-F0	Red Creek	PFO	RIVERINE	0.654706	ACRE	NRPWW	30.783868	-88.210345
11	WETD018-F0	Red Creek	PFO	RIVERINE	0.148192	ACRE	RPWVN	30.776798	-88.224696
11	WETE009-F0	Red Creek	PFO	RIVERINE	0.27151	ACRE	RPWWD	30.776802	-88.221778
11	WETE009-F1	Red Creek	PFO	RIVERINE	0.619472	ACRE	RPWWD	30.776798	-88.220932
12	WBC003	Wolf Branch	R5	RIVERINE	0.024403	ACRE	RPW	30.647292	-88.365793
12	WETC003-E0	Wolf Branch	PEM	RIVERINE	0.057314	ACRE	RPWWD	30.643331	-88.374401
12	WETC003-E1	Wolf Branch	PEM	RIVERINE	0.007696	ACRE	RPWWD	30.643484	-88.37409
12	WETC003-F0	Wolf Branch	PFO	RIVERINE	0.00067	ACRE	RPWWD	30.643202	-88.374253
12	WETC003-F1	Wolf Branch	PFO	RIVERINE	0.057838	ACRE	RPWWD	30.643325	-88.374285
12	WETC003-F2	Wolf Branch	PFO	RIVERINE	0.025146	ACRE	RPWWD	30.643421	-88.374096
12	WETC007-E0	Wolf Branch	PEM	RIVERINE	0.004592	ACRE	RPWWD	30.647323	-88.366144
12	WETC007-F0	Wolf Branch	PFO	RIVERINE	0.415977	ACRE	RPWWD	30.647194	-88.366056
12	WETC007-F1	Wolf Branch	PFO	RIVERINE	0.044066	ACRE	RPWWD	30.647291	-88.365738
12	WETC008-E0	Wolf Branch	PEM	RIVERINE	0.063127	ACRE	NRPWW	30.648467	-88.363734
12	WETC008-F0	Wolf Branch	PFO	RIVERINE	0.414089	ACRE	NRPWW	30.648341	-88.363802
12	WETC009-E0	Wolf Branch	PEM	RIVERINE	0.002801	ACRE	NRPWW	30.648986	-88.362671
12	WETC009-F0	Wolf Branch	PFO	RIVERINE	0.07015	ACRE	NRPWW	30.648922	-88.362555
12	WETC010-E0	Wolf Branch	PEM	RIVERINE	0.080348	ACRE	NRPWW	30.649601	-88.361227



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12	WETE004-E0	Wolf Branch	PEM	RIVERINE	0.005009	ACRE	NRPWW	30.655737	-88.348586
12	WETE004-F0	Wolf Branch	PFO	RIVERINE	0.077855	ACRE	NRPWW	30.655679	-88.348479
12	WETE005-E0	Wolf Branch	PEM	RIVERINE	0.000476	ACRE	NRPWW	30.655543	-88.349239
12	WETE005-F0	Wolf Branch	PFO	RIVERINE	0.093168	ACRE	NRPWW	30.655299	-88.349284
13	WBG001	Wolf Branch	R4	RIVERINE	0.015191	ACRE	RPW	30.650631	-88.359042
13	WETC004-E0	Wolf Branch	PEM	RIVERINE	0.007426	ACRE	NRPWW	30.645238	-88.370468
13	WETC004-F0	Wolf Branch	PFO	RIVERINE	0.074719	ACRE	NRPWW	30.645192	-88.3704
13	WETC005-E0	Wolf Branch	PEM	RIVERINE	0.014024	ACRE	NRPWW	30.645855	-88.369152
13	WETC005-F0	Wolf Branch	PFO	RIVERINE	0.035464	ACRE	NRPWW	30.645775	-88.369154
13	WETC031-E1	Wolf Branch	PEM	RIVERINE	0.034789	ACRE	RPWWD	30.650433	-88.359644
13	WETC031-E3	Wolf Branch	PEM	RIVERINE	0.022483	ACRE	RPWWD	30.650666	-88.359152
13	WETC032-E0	Wolf Branch	PEM	RIVERINE	0.017855	ACRE	NRPWW	30.653021	-88.354238
13	WETC033-E0	Wolf Branch	PEM	RIVERINE	0.009027	ACRE	NRPWW	30.654017	-88.352172
13	WETG001-F0	Wolf Branch	PFO	RIVERINE	0.298389	ACRE	RPWWD	30.650392	-88.359536
13	WETG001-F1	Wolf Branch	PFO	RIVERINE	0.058248	ACRE	RPWWD	30.650659	-88.359067
13	WETG002-F0	Wolf Branch	PFO	RIVERINE	0.095811	ACRE	NRPWW	30.652932	-88.354202
13	WETG003-F0	Wolf Branch	PFO	RIVERINE	0.145145	ACRE	NRPWW	30.65391	-88.352158
14	WBG005	Seabury Creek	R4	RIVERINE	0.006166	ACRE	RPW	30.794917	-88.210341

Plains Southcap Pipeline

TABLE 2

NWP 12 Project No	FGT Wetland/Waterbody ID	Local Waterway	Jurisdictional Type (Wetland/Stream)	Wetland/Stream Type	Latitude (dd NADB83)	Longitude (dd NADB83)	PFO Wetlands to revert to PFO (0.25:1)	PFO Wetlands converted to PSS (0.5:1)	Wetlands converted to PEM (1:1)	Total 0.25:1 Credits	Total 0.5:1 Credits	Total 1:1 Credits	Total Mitigation Credits	state	
1	WETC001-F0	Big Creek	Wetland	PFO	30.639643	-88.381798	0.077009	0	0.175132	0.019252	0	0.175132	0.194385	AL	
1	WETC002-F0	Big Creek	Wetland	PFO	30.640664	-88.379493	0.044776	0	0.069691	0.011194	0	0.069691	0.080885	AL	
1	WETC002-F1	Big Creek	Wetland	PFO	30.640625	-88.379648	0.007398	0	0.029493	0.001849	0	0.029493	0.031343	AL	
2	WETC017-F0	Big Creek	Wetland	PFO	30.629024	-88.398835	0.231184	0	0.305145	0.057796	0	0.305145	0.362941	AL	
2	WETC017-F1	Big Creek	Wetland	PFO	30.629481	-88.398009	0.078018	0	0.131886	0.019504	0	0.131886	0.15139	AL	
2	WETD010-F0	Big Creek	Wetland	PFO	30.631112	-88.394995	0.85987	0	0.894055	0.214968	0	0.894055	1.109022	AL	
2	WETD010-F1	Big Creek	Wetland	PFO	30.632271	-88.392922	0.235458	0	0.331944	0.058864	0	0.331944	0.390809	AL	
3	WETD011-F0	Big Creek	Wetland	PFO	30.634884	-88.388651	0.477271	0	0.933291	0.119318	0	0.933291	1.052609	AL	
3	WETD011-F1	Big Creek	Wetland	PFO	30.636848	-88.387315	0.625958	0	1.142653	0.15649	0	1.142653	1.299142	AL	
3	WETG0008-F0	Big Creek	Wetland	PFO	30.625219	-88.405534	0.089275	0	0.155501	0.027232	0	0.155501	0.177821	AL	
4	WETC025-F0	Double Branch	Wetland	PFO	30.771939	-88.237645	0	0	0.095886	0	0	0.095886	0.095886	AL	
4	WETC026-F0	Double Branch	Wetland	PFO	30.776143	-88.233465	0.228608	0	0.471467	0.057152	0	0.471467	0.528619	AL	
4	WETC027-F0	Double Branch	Wetland	PFO	30.7769	-88.22828	0.740247	0	1.513327	0.185062	0	1.513327	1.698388	AL	
5	WETC021-F0	Hamilton Creek	Wetland	PFO	30.732676	-88.266663	0.25397	0	0.470879	0.063493	0	0.470879	0.534372	AL	
5	WETC021-F1	Hamilton Creek	Wetland	PFO	30.733973	-88.265033	0.170819	0	0.209425	0.042705	0	0.209425	0.252129	AL	
5	WETC021-F2	Hamilton Creek	Wetland	PFO	30.736527	-88.26199	1.120707	0	2.369759	0.280177	0	2.369759	2.649935	AL	
5	WETD013-F0	Hamilton Creek	Wetland	PFO	30.74899	-88.256396	1.451996	0	2.862025	0.362999	0	2.862025	3.225024	AL	
5	WETD013-F1	Hamilton Creek	Wetland	PFO	30.753288	-88.254549	0.160498	0	0.153059	0.040124	0	0.153059	0.193183	AL	
5	WETD013-F2	Hamilton Creek	Wetland	PFO	30.754252	-88.254079	0.291178	0	0.695888	0.072795	0	0.695888	0.768683	AL	
5	WETD013-F4	Hamilton Creek	Wetland	PFO	30.755122	-88.25373	0.050827	0	0.063664	0.012707	0	0.063664	0.07637	AL	
5	WETD014-F0	Hamilton Creek	Wetland	PFO	30.75717	-88.252521	0	0	0.168743	0	0	0.168743	0.168743	AL	
5	WETC022-F0	Hamilton Creek	Wetland	PFO	30.739801	-88.259596	0	0	0.078867	0	0	0.078867	0.078867	AL	
5	WETC022-F1	Hamilton Creek	Wetland	PFO	30.741075	-88.259065	0.375874	0	0.345916	0.093969	0	0.345916	0.439885	AL	
5	WETC022-F2	Hamilton Creek	Wetland	PFO	30.742567	-88.259184	0.093243	0	0.129385	0.023311	0	0.129385	0.152696	AL	
5	WETC022-F5	Hamilton Creek	Wetland	PSS	30.739814	-88.259674	0	0.143046	0	0	0.071523	0	0.071523	0.071523	AL
5	WETC022-S1	Hamilton Creek	Wetland	PSS	30.741335	-88.259191	0.061722	0.567587	0	0.015431	0.283794	0	0.299224	0.299224	AL
7	WETD012A-F0	Hamilton Creek	Wetland	PFO	30.722777	-88.275275	0.002773	0	0.000693	0	0	0.000693	0	0.000693	AL
7	WETD012A-F1	Hamilton Creek	Wetland	PFO	30.722693	-88.275419	0.090789	0	0.084375	0.022697	0	0.084375	0.107072	AL	
7	WETD012A-F2	Hamilton Creek	Wetland	PFO	30.723003	-88.275313	0.004358	0	0.053499	0.001089	0	0.053499	0.054589	AL	
7	WETD012A-F3	Hamilton Creek	Wetland	PFO	30.723719	-88.274775	0.459676	0	0.57811	0.114919	0	0.57811	0.67273	AL	
7	WETD012B-F0	Hamilton Creek	Wetland	PFO	30.727321	-88.272523	0.676226	0	1.286844	0.169057	0	1.286844	1.4559	AL	
8	WETC018-F0	Pierce Creek	Wetland	PFO	30.664997	-88.308881	0.124294	0	0.143064	0.031074	0	0.143064	0.174138	AL	
8	WETC019-F0	Pierce Creek	Wetland	PFO	30.687637	-88.305382	0.521282	0	0.793788	0.13032	0	0.793788	0.924109	AL	
8	WETC019-F1	Pierce Creek	Wetland	PFO	30.690068	-88.303645	0.630017	0	0.978346	0.157604	0	0.978346	1.13595	AL	
8	WETC019-F2	Pierce Creek	Wetland	PFO	30.691151	-88.302287	0.061671	0	0.04554	0.015418	0	0.04554	0.060958	AL	
8	WETC020-F0	Pierce Creek	Wetland	PFO	30.692282	-88.297174	0.001268	0	0.025002	0.000317	0	0.025002	0.025319	AL	
9	WETC029-F0	Pierce Creek	Wetland	PFO	30.679802	-88.317167	0.053875	0	0.067676	0.013469	0	0.067676	0.081145	AL	
9	WETC029-F1	Pierce Creek	Wetland	PFO	30.677576	-88.320745	0.290548	0	0.279348	0.072637	0	0.279348	0.351985	AL	
9	WETC029-F2	Pierce Creek	Wetland	PFO	30.678151	-88.319832	0.094147	0	0.108946	0.023537	0	0.108946	0.132482	AL	
9	WETC029-F3	Pierce Creek	Wetland	PFO	30.67536	-88.324302	0.220859	0	0.203386	0.055215	0	0.203386	0.258601	AL	
9	WETC029-F4	Pierce Creek	Wetland	PFO	30.675858	-88.323499	0.103494	0	0.097405	0.025874	0	0.097405	0.123279	AL	
9	WETC029-F5	Pierce Creek	Wetland	PFO	30.673648	-88.327194	0	0	0.01004	0	0	0.01004	0.01004	AL	
9	WETGT007-F0	Pierce Creek	Wetland	PFO	30.66956	-88.333484	0.05031	0	0.0093	0.012577	0	0.0093	0.021878	AL	
10	WETC001-F0	Pierce Creek	Wetland	PFO	30.667366	-88.335929	0.15366	0	0.19447	0.038415	0	0.19447	0.232885	AL	
10	WETC002-F0	Pierce Creek	Wetland	PFO	30.665137	-88.335911	0.067189	0	0.148682	0.016797	0	0.148682	0.16548	AL	
10	WETC002-F4	Pierce Creek	Wetland	PFO	30.663931	-88.335898	0.107958	0	0.451582	0.02699	0	0.451582	0.478572	AL	
10	WETC002-F5	Pierce Creek	Wetland	PFO	30.662869	-88.335932	0.068151	0	0.143938	0.017038	0	0.143938	0.160976	AL	
10	WETC003-F1	Pierce Creek	Wetland	PFO	30.660551	-88.338313	0.178512	0	0.360787	0.044628	0	0.360787	0.405415	AL	



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11	WETD015-F0	Red Creek	Wetland	PFO	30.783868	-88.210345	0.152517	0	0.502189	0.038129	0	0.502189	0.540318	AL
11	WETD018-F0	Red Creek	Wetland	PFO	30.776798	-88.224696	0.036155	0	0.112037	0.009039	0	0.112037	0.121075	AL
11	WETE009-F0	Red Creek	Wetland	PFO	30.776802	-88.221778	0.091458	0	0.180053	0.022865	0	0.180053	0.202917	AL
11	WETE009-F1	Red Creek	Wetland	PFO	30.776798	-88.220932	0.236285	0	0.383187	0.059071	0	0.383187	0.442258	AL
12	WETC003-F0	Wolf Branch	Wetland	PFO	30.643202	-88.374253	0.00067	0	0	0.000167	0	0	0.000167	AL
12	WETC003-F1	Wolf Branch	Wetland	PFO	30.643325	-88.374285	0.002232	0	0.055606	0.000558	0	0.055606	0.056164	AL
12	WETC003-F2	Wolf Branch	Wetland	PFO	30.643421	-88.374096	0	0	0.025146	0	0	0.025146	0.025146	AL
12	WETC007-F0	Wolf Branch	Wetland	PFO	30.647194	-88.366056	0.220836	0	0.19514	0.065209	0	0.19514	0.250349	AL
12	WETC007-F1	Wolf Branch	Wetland	PFO	30.647291	-88.365738	0.033542	0	0.010524	0.008386	0	0.010524	0.018909	AL
12	WETC008-F0	Wolf Branch	Wetland	PFO	30.648341	-88.363802	0.087021	0	0.327068	0.021755	0	0.327068	0.348823	AL
12	WETC009-F0	Wolf Branch	Wetland	PFO	30.648922	-88.362555	0.025005	0	0.045145	0.006251	0	0.045145	0.051396	AL
12	WETE004-F0	Wolf Branch	Wetland	PFO	30.655679	-88.348479	0.02563	0	0.052225	0.006407	0	0.052225	0.058633	AL
12	WETE005-F0	Wolf Branch	Wetland	PFO	30.655299	-88.349284	0.027208	0	0.06596	0.006802	0	0.06596	0.072762	AL
13	WETC004-F0	Wolf Branch	Wetland	PFO	30.645192	-88.3704	0	0	0.074719	0	0	0.074719	0.074719	AL
13	WETC005-F0	Wolf Branch	Wetland	PFO	30.645775	-88.369154	0	0	0.035464	0	0	0.035464	0.035464	AL
13	WETGT001-F0	Wolf Branch	Wetland	PFO	30.650392	-88.359536	0.047576	0	0.250813	0.011894	0	0.250813	0.262707	AL
13	WETGT001-F1	Wolf Branch	Wetland	PFO	30.650659	-88.359067	0	0	0.058248	0	0	0.058248	0.058248	AL
13	WETGT002-F0	Wolf Branch	Wetland	PFO	30.652932	-88.354202	0.029003	0	0.066808	0.007251	0	0.066808	0.074059	AL
13	WETGT003-F0	Wolf Branch	Wetland	PFO	30.653991	-88.352158	0.050487	0	0.094658	0.012622	0	0.094658	0.10728	AL
GRAND TOTAL							14.752992	-0.710633	22.3759	3.188251	0.355317	32.8759	25.919464	