



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/.

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 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, 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

Moxey 1/12/2013
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)

| Site Number | Latitude | Longitude | Cowardin_Code | Size of aquatic resources / acres | Class of aquatic resource |
|----------------|-----------|------------|---------------|-----------------------------------|---------------------------|
| Big Creek | 30.640624 | -88.379596 | R5 | 0.002628 | non-section 10 - stream |
| WETC001-E0 | 30.639632 | -88.382044 | PEM | 0.001738 | non-section 10 - wetland |
| WETC001-F0 | 30.639643 | -88.381798 | PFO | 0.252142 | non-section 10 - wetland |
| WETC002-F0 | 30.640664 | -88.379493 | PFO | 0.114467 | non-section 10 - wetland |
| WETC002-F1 | 30.640625 | -88.379648 | PFO | 0.036891 | non-section 10 - wetland |
| WETC017-F0 | 30.629024 | -88.398835 | PFO | 0.536329 | non-section 10 - wetland |
| WETC017-F1 | 30.629481 | -88.398009 | PFO | 0.209903 | non-section 10 - wetland |
| WETD010-E0 | 30.631338 | -88.394859 | PEM | 0.25276 | non-section 10 - wetland |
| WETD010-E1 | 30.632273 | -88.393147 | PEM | 0.022645 | non-section 10 - wetland |
| WETD010-F0 | 30.631112 | -88.394995 | PFO | 1.753925 | non-section 10 - wetland |
| WETD010-F1 | 30.632271 | -88.392922 | PFO | 0.567402 | non-section 10 - wetland |
| WETD011-E2 | 30.636861 | -88.387627 | PEM | 0.195032 | non-section 10 - wetland |
| WETD011-F0 | 30.634884 | -88.388651 | PFO | 1.410562 | non-section 10 - wetland |
| WETD011-F1 | 30.636848 | -88.387315 | PFO | 1.768611 | non-section 10 - wetland |
| WETGT008-F0 | 30.625219 | -88.405534 | PFO | 0.24478 | non-section 10 - wetland |
| Double Branch | 30.776907 | -88.226959 | R5 | 0.044981 | non-section 10 - stream |
| WETC024-E0 | 30.769293 | -88.23972 | PEM | 1.136951 | non-section 10 - wetland |
| WETC025-F0 | 30.771939 | -88.237645 | PFO | 0.095886 | non-section 10 - wetland |
| WETC026-F0 | 30.776143 | -88.233465 | PFO | 0.700075 | non-section 10 - wetland |
| WETC027-F0 | 30.7769 | -88.22828 | PFO | 2.253568 | non-section 10 - stream |
| Hamilton Creek | 30.733458 | -88.265592 | R6 | 0.043084 | non-section 10 - stream |
| WETC021-E1 | 30.734652 | -88.264206 | PEM | 0.38585 | non-section 10 - wetland |
| WETC021-F0 | 30.732676 | -88.266663 | PFO | 0.724849 | non-section 10 - wetland |
| WETC021-F1 | 30.733973 | -88.265033 | PFO | 0.380244 | non-section 10 - wetland |
| WETC021-F2 | 30.736527 | -88.26199 | PFO | 3.490466 | non-section 10 - wetland |
| WETC022-F0 | 30.739801 | -88.259596 | PFO | 0.078867 | non-section 10 - wetland |
| WETC022-F1 | 30.741075 | -88.259065 | PFO | 0.721791 | non-section 10 - wetland |
| WETC022-F2 | 30.742567 | -88.259184 | PFO | 0.222628 | non-section 10 - wetland |
| WETC022-S0 | 30.739814 | -88.259674 | PSS | 0.143046 | non-section 10 - wetland |
| WETC022-S1 | 30.741335 | -88.259191 | PSS | 0.62931 | non-section 10 - wetland |
| WETD012A-E0 | 30.722907 | -88.275331 | PEM | 0.054217 | non-section 10 - wetland |
| WETD012A-E1 | 30.722947 | -88.275171 | PEM | 0.001832 | non-section 10 - wetland |
| WETD012A-E3 | 30.724217 | -88.274585 | PEM | 0.006768 | non-section 10 - wetland |
| WETD012A-E4 | 30.724529 | -88.274214 | PEM | 0.000592 | non-section 10 - wetland |
| WETD012A-E5 | 30.724696 | -88.274156 | PEM | 0.56923 | non-section 10 - wetland |
| WETD012A-F0 | 30.722777 | -88.275275 | PFO | 0.002773 | non-section 10 - wetland |

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|--------------|-----------|------------|-----|----------|--------------------------|
| WETD012A-F1 | 30.722693 | -88.275419 | PFO | 0.175164 | non-section 10 - wetland |
| WETD012A-F2 | 30.723003 | -88.275313 | PFO | 0.057857 | non-section 10 - wetland |
| WETD012A-F3 | 30.723719 | -88.274775 | PFO | 1.017483 | non-section 10 - wetland |
| WETD012B-F0 | 30.727321 | -88.272523 | PFO | 1.96307 | non-section 10 - wetland |
| WETD013-E0 | 30.752964 | -88.254545 | PEM | 0.030492 | non-section 10 - wetland |
| WETD013-E1 | 30.754919 | -88.253672 | PEM | 0.004389 | non-section 10 - wetland |
| WETD013-E2 | 30.755091 | -88.253599 | PEM | 0.003509 | non-section 10 - wetland |
| WETD013-F0 | 30.74899 | -88.256396 | PFO | 4.31402 | non-section 10 - wetland |
| WETD013-F1 | 30.753288 | -88.254549 | PFO | 0.313557 | non-section 10 - wetland |
| WETD013-F2 | 30.754252 | -88.254079 | PFO | 0.987067 | non-section 10 - wetland |
| WETD013-F4 | 30.755122 | -88.25373 | PFO | 0.11449 | non-section 10 - wetland |
| WETD014-F0 | 30.757717 | -88.252521 | PFO | 0.168743 | non-section 10 - wetland |
| Pierce Creek | 30.68882 | -88.304763 | R5 | 0.022986 | non-section 10 - stream |
| WETC018-F0 | 30.684997 | -88.308881 | PFO | 0.267358 | non-section 10 - wetland |
| WETC019-E0 | 30.687801 | -88.305393 | PEM | 0.255359 | non-section 10 - wetland |
| WETC019-E1 | 30.689985 | -88.303923 | PEM | 0.340338 | non-section 10 - wetland |
| WETC019-E2 | 30.691306 | -88.302267 | PEM | 0.032184 | non-section 10 - wetland |
| WETC019-F0 | 30.687637 | -88.305382 | PFO | 1.31507 | non-section 10 - wetland |
| WETC019-F1 | 30.690068 | -88.303645 | PFO | 1.608762 | non-section 10 - wetland |
| WETC019-F2 | 30.691151 | -88.302287 | PFO | 0.107212 | non-section 10 - wetland |
| WETC020A-E0 | 30.692302 | -88.297253 | PEM | 0.023114 | non-section 10 - wetland |
| WETC020B-E1 | 30.700187 | -88.289855 | PEM | 0.071196 | non-section 10 - wetland |
| WETC020B-F0 | 30.692282 | -88.297174 | PFO | 0.02627 | non-section 10 - wetland |
| WETC029-E0 | 30.679921 | -88.317179 | PEM | 0.042034 | non-section 10 - wetland |
| WETC029-F0 | 30.679802 | -88.317167 | PFO | 0.121551 | non-section 10 - wetland |
| WETE001-F0 | 30.667366 | -88.335929 | PFO | 0.34813 | non-section 10 - wetland |
| WETE002-F0 | 30.665137 | -88.335911 | PFO | 0.215872 | non-section 10 - wetland |
| WETE002-F4 | 30.663931 | -88.335898 | PFO | 0.559541 | non-section 10 - wetland |
| WETE002-F5 | 30.662869 | -88.335932 | PFO | 0.212089 | non-section 10 - wetland |
| WETE003-E0 | 30.660803 | -88.338028 | PEM | 0.013038 | non-section 10 - wetland |
| WETE003-F1 | 30.660551 | -88.338313 | PFO | 0.539299 | non-section 10 - wetland |
| WETE006-E0 | 30.677653 | -88.320824 | PEM | 0.323679 | non-section 10 - wetland |
| WETE006-E1 | 30.678251 | -88.31987 | PEM | 0.117766 | non-section 10 - wetland |
| WETE006-F0 | 30.677576 | -88.320745 | PFO | 0.569895 | non-section 10 - wetland |
| WETE006-F1 | 30.678151 | -88.319832 | PFO | 0.203093 | non-section 10 - wetland |
| WETE007-E0 | 30.675604 | -88.324089 | PEM | 0.328927 | non-section 10 - wetland |
| WETE007-F0 | 30.67536 | -88.324302 | PFO | 0.424245 | non-section 10 - wetland |

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|-------------|-----------|------------|-----|----------|--------------------------|
| WETE007-F1 | 30.675858 | -88.323499 | PFO | 0.2009 | non-section 10 - wetland |
| WETE008-E0 | 30.673687 | -88.327211 | PEM | 0.01858 | non-section 10 - wetland |
| WETE008-F0 | 30.673648 | -88.327194 | PFO | 0.01004 | non-section 10 - wetland |
| WETGT007-F0 | 30.66956 | -88.333484 | PFO | 0.05961 | non-section 10 - wetland |
| Red Creek | 30.776807 | -88.221516 | R5 | 0.009817 | non-section 10 - stream |
| WETD015-E0 | 30.783939 | -88.210248 | PEM | 0.021362 | non-section 10 - wetland |
| WETD015-F0 | 30.783868 | -88.210345 | PFO | 0.654706 | non-section 10 - wetland |
| WETD018-F0 | 30.776798 | -88.224696 | PFO | 0.148192 | non-section 10 - wetland |
| WETE009-F0 | 30.776802 | -88.221778 | PFO | 0.27151 | non-section 10 - wetland |
| WETE009-F1 | 30.776798 | -88.220932 | PFO | 0.619472 | non-section 10 - wetland |
| Wolf Branch | 30.650631 | -88.359042 | R4 | 0.015191 | non-section 10 - stream |
| WETC003-E0 | 30.643331 | -88.374401 | PEM | 0.057314 | non-section 10 - wetland |
| WETC003-E1 | 30.643484 | -88.37409 | PEM | 0.007696 | non-section 10 - wetland |
| WETC003-F0 | 30.643202 | -88.374253 | PFO | 0.00067 | non-section 10 - wetland |
| WETC003-F1 | 30.643325 | -88.374285 | PFO | 0.057838 | non-section 10 - wetland |
| WETC003-F2 | 30.643421 | -88.374096 | PFO | 0.025146 | non-section 10 - wetland |
| WETC004-E0 | 30.645238 | -88.370468 | PEM | 0.007426 | non-section 10 - wetland |
| WETC004-F0 | 30.645192 | -88.3704 | PFO | 0.074719 | non-section 10 - wetland |
| WETC005-E0 | 30.645855 | -88.369152 | PEM | 0.014024 | non-section 10 - wetland |
| WETC005-F0 | 30.645775 | -88.369154 | PFO | 0.035464 | non-section 10 - wetland |
| WETC007-E0 | 30.647323 | -88.366144 | PEM | 0.004592 | non-section 10 - wetland |
| WETC007-F0 | 30.647194 | -88.366056 | PFO | 0.415977 | non-section 10 - wetland |
| WETC007-F1 | 30.647291 | -88.365738 | PFO | 0.044066 | non-section 10 - wetland |
| WETC008-E0 | 30.648467 | -88.363734 | PEM | 0.063127 | non-section 10 - wetland |
| WETC008-F0 | 30.648341 | -88.363802 | PFO | 0.414089 | non-section 10 - wetland |
| WETC009-E0 | 30.648986 | -88.362671 | PEM | 0.002801 | non-section 10 - wetland |
| WETC009-F0 | 30.648922 | -88.362555 | PFO | 0.07015 | non-section 10 - wetland |
| WETC010-E0 | 30.649601 | -88.361227 | PEM | 0.080348 | non-section 10 - wetland |
| WETC031-E1 | 30.650433 | -88.359644 | PEM | 0.034789 | non-section 10 - wetland |
| WETC031-E3 | 30.650666 | -88.359152 | PEM | 0.022483 | non-section 10 - wetland |
| WETC032-E0 | 30.653021 | -88.354238 | PEM | 0.017855 | non-section 10 - wetland |
| WETC033-E0 | 30.654017 | -88.352172 | PEM | 0.009027 | non-section 10 - wetland |
| WETE004-E0 | 30.655737 | -88.348586 | PEM | 0.005009 | non-section 10 - wetland |
| WETE004-F0 | 30.655679 | -88.348479 | PFO | 0.077855 | non-section 10 - wetland |
| WETE005-E0 | 30.65543 | -88.349239 | PEM | 0.000476 | non-section 10 - wetland |
| WETE005-F0 | 30.655299 | -88.349284 | PFO | 0.093168 | non-section 10 - wetland |
| WETGT001-F0 | 30.650392 | -88.359536 | PFO | 0.298389 | non-section 10 - wetland |

| | | | | | |
|---------------|-----------|------------|-----|----------|--------------------------|
| WETGT001-F1 | 30.650659 | -88.359067 | PFO | 0.058248 | non-section 10 - wetland |
| WETGT002-F0 | 30.652932 | -88.354202 | PFO | 0.095811 | non-section 10 - wetland |
| WETGT003-F0 | 30.65391 | -88.352158 | PFO | 0.145145 | non-section 10 - wetland |
| Seabury Creek | 30.794917 | -88.210341 | R4 | 0.006166 | non-section 10 - stream |



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-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.

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

1 of 4

| NWP # | Water Name | Local Waterway | Co Admin Code | HGM Code | Acquire | Units | Water 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 | NRPWW | 30.639632 | -88.382044 |
| 1 | WETC001-F0 | Big Creek | PFO | RIVERINE | 0.252142 | ACRE | NRPWW | 30.639643 | -88.381798 |
| 1 | WETC002-F0 | Big Creek | PFO | RIVERINE | 0.114467 | ACRE | RPWWD | 30.640664 | -88.379493 |
| 1 | WETC002-F1 | Big Creek | PFO | RIVERINE | 0.036891 | ACRE | RPWWD | 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 | RPWWD | 30.629024 | -88.398835 |
| 2 | WETC017-F1 | Big Creek | PFO | RIVERINE | 0.209903 | ACRE | RPWWD | 30.629481 | -88.398009 |
| 2 | WETD010-E0 | Big Creek | PEM | RIVERINE | 0.25276 | ACRE | RPWWD | 30.631338 | -88.394859 |
| 2 | WETD010-E1 | Big Creek | PEM | RIVERINE | 0.022645 | ACRE | RPWWD | 30.632273 | -88.393147 |
| 2 | WETD010-F0 | Big Creek | PFO | RIVERINE | 1.753925 | ACRE | RPWWD | 30.631112 | -88.394995 |
| 2 | WETD010-F1 | Big Creek | PFO | RIVERINE | 0.567402 | ACRE | RPWWD | 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 | RPWWD | 30.636861 | -88.387627 |
| 3 | WETD011-F0 | Big Creek | PFO | RIVERINE | 1.410562 | ACRE | RPWWD | 30.634884 | -88.388651 |
| 3 | WETD011-F1 | Big Creek | PFO | RIVERINE | 1.768611 | ACRE | RPWWD | 30.636848 | -88.387315 |
| 3 | WETGT008-F0 | Big Creek | PFO | RIVERINE | 0.24478 | ACRE | NRPWW | 30.625219 | -88.405534 |
| 4 | WBC112A | Double Branch | R5 | RIVERINE | 0.044981 | ACRE | RPW | 30.776907 | -88.228959 |
| 4 | WETC024-E0 | Double Branch | PEM | RIVERINE | 1.136951 | ACRE | NRPWW | 30.769293 | -88.23972 |
| 4 | WETC025-F0 | Double Branch | PFO | RIVERINE | 0.095886 | ACRE | NRPWW | 30.771939 | -88.237645 |
| 4 | WETC026-F0 | Double Branch | PFO | RIVERINE | 0.700075 | ACRE | NRPWW | 30.776143 | -88.233465 |
| 4 | WETC027-F0 | Double Branch | PFO | RIVERINE | 2.253568 | ACRE | RPWWD | 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 | NRPWW | 30.734652 | -88.264206 |
| 5 | WETC021-F0 | Hamilton Creek | PFO | RIVERINE | 0.724849 | ACRE | NRPWW | 30.732676 | -88.266663 |
| 5 | WETC021-F1 | Hamilton Creek | PFO | RIVERINE | 0.380244 | ACRE | NRPWW | 30.733973 | -88.265033 |
| 5 | WETD013-E0 | Hamilton Creek | PEM | RIVERINE | 0.030492 | ACRE | RPWWD | 30.752964 | -88.254545 |
| 5 | WETD013-E1 | Hamilton Creek | PEM | RIVERINE | 0.004389 | ACRE | RPWWD | 30.754919 | -88.253672 |
| 5 | WETD013-E2 | Hamilton Creek | PEM | RIVERINE | 0.003509 | ACRE | RPWWD | 30.755091 | -88.253599 |
| 5 | WETD013-F0 | Hamilton Creek | PFO | RIVERINE | 4.31402 | ACRE | RPWWN | 30.74899 | -88.256396 |
| 5 | WETD013-F1 | Hamilton Creek | PFO | RIVERINE | 0.313557 | ACRE | RPWWD | 30.753288 | -88.254549 |
| 5 | WETD013-F2 | Hamilton Creek | PFO | RIVERINE | 0.987067 | ACRE | RPWWD | 30.754252 | -88.254079 |
| 5 | WETD013-F4 | Hamilton Creek | PFO | RIVERINE | 0.11449 | ACRE | RPWWD | 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 | RPWWN | 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 | RPWW | 30.667366 | -88.335929 |
| 10 | WETE002-F0 | Pierce Creek | PFO | RIVERINE | 0.215872 | ACRE | RPWW | 30.665137 | -88.335911 |
| 10 | WETE002-F4 | Pierce Creek | PFO | RIVERINE | 0.559541 | ACRE | RPWW | 30.663931 | -88.335898 |
| 10 | WETE002-F5 | Pierce Creek | PFO | RIVERINE | 0.212089 | ACRE | RPWW | 30.662869 | -88.335932 |
| 10 | WETE003-E0 | Pierce Creek | PEM | RIVERINE | 0.013038 | ACRE | RPWW | 30.660803 | -88.338028 |
| 10 | WETE003-F1 | Pierce Creek | PFO | RIVERINE | 0.539299 | ACRE | RPWW | 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 | WETGT001-F0 | Wolf Branch | PFO | RIVERINE | 0.298389 | ACRE | RPWWD | 30.650392 | -88.359536 |
| 13 | WETGT001-F1 | Wolf Branch | PFO | RIVERINE | 0.058248 | ACRE | RPWWD | 30.650659 | -88.359067 |
| 13 | WETGT002-F0 | Wolf Branch | PFO | RIVERINE | 0.095811 | ACRE | NRPWW | 30.652932 | -88.354202 |
| 13 | WETGT003-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

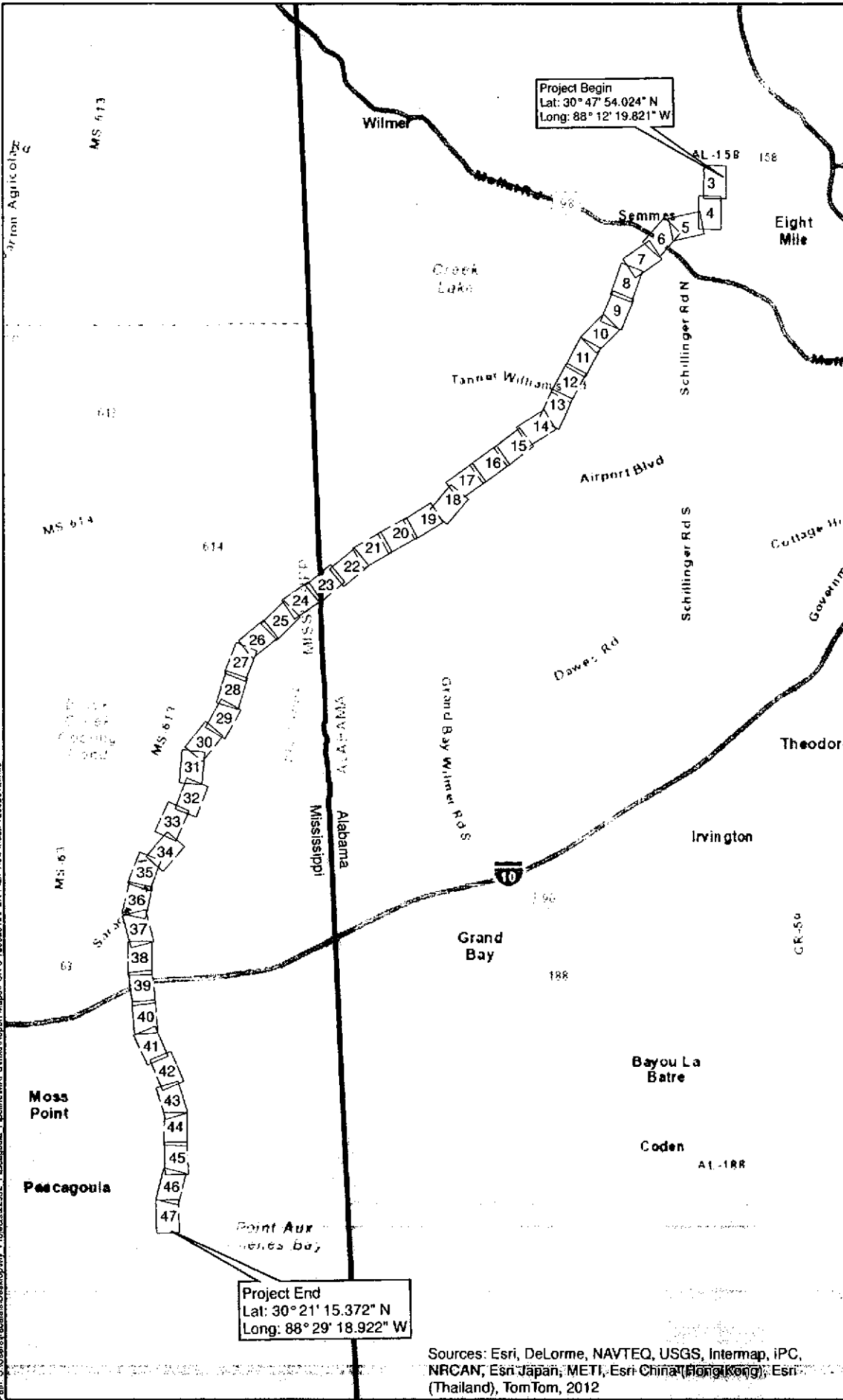
| NWP Project No. | FGT Wetland/Waterbody ID | Local Waterway | Jurisdictional Type (Wetland/Stream) | Wetland/Stream Type | Latitude (dd NAD83) | Longitude (dd NAD83) | PFO Wetlands to PFO (0.25:1) | PFO Wetlands converted to PSS (0.5:1) | Wetlands converted to PEM (1:1) | Total 0.25:1 Credits | Total 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 | 0.151339 | 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 | WETG008-F0 | Big Creek | Wetland | PFO | 30.625219 | -88.405534 | 0.089279 | 0 | 0.155501 | 0.02232 | 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 | 30.757717 | -88.252521 | 0 | 0 | 0.168743 | 0 | 0 | 0.168743 | 0.168743 | AL |
| 6 | WETC022-F0 | Hamilton Creek | Wetland | PFO | 30.739801 | -88.259596 | 0 | 0 | 0.078867 | 0 | 0 | 0.078867 | 0.078867 | AL |
| 6 | WETC022-F1 | Hamilton Creek | Wetland | PFO | 30.741075 | -88.259065 | 0.375874 | 0 | 0.345916 | 0.093969 | 0 | 0.345916 | 0.439885 | AL |
| 6 | WETC022-F2 | Hamilton Creek | Wetland | PFO | 30.742567 | -88.259184 | 0.093243 | 0 | 0.129385 | 0.023311 | 0 | 0.129385 | 0.152696 | AL |
| 6 | WETC022-S0 | Hamilton Creek | Wetland | PSS | 30.739814 | -88.259674 | 0 | 0.143046 | 0 | 0.071523 | 0 | 0.071523 | 0 | AL |
| 6 | WETC022-S1 | Hamilton Creek | Wetland | PSS | 30.741335 | -88.259191 | 0 | 0.567587 | 0 | 0.015431 | 0.283794 | 0 | 0.299224 | AL |
| 7 | WETD012A-F0 | Hamilton Creek | Wetland | PFO | 30.722777 | -88.275275 | 0.002773 | 0 | 0.000693 | 0 | 0 | 0.000693 | 0 | 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 | 0.557811 | 0.114919 | 0 | 0.557811 | 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 | 30.684997 | -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 | 30.691151 | -88.303645 | 0.630417 | 0 | 0.978346 | 0.157604 | 0 | 0.978346 | 1.13595 | AL |
| 8 | WETC019-F2 | Pierce Creek | Wetland | PFO | 30.690068 | -88.303645 | 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 | WETE006-F0 | Pierce Creek | Wetland | PFO | 30.677576 | -88.320745 | 0.290548 | 0 | 0.279348 | 0.072637 | 0 | 0.279348 | 0.351985 | AL |
| 9 | WETE006-F1 | Pierce Creek | Wetland | PFO | 30.678151 | -88.319832 | 0.094147 | 0 | 0.108946 | 0.023537 | 0 | 0.108946 | 0.132482 | AL |
| 9 | WETE007-F0 | Pierce Creek | Wetland | PFO | 30.67536 | -88.324302 | 0.220859 | 0 | 0.203386 | 0.055215 | 0 | 0.203386 | 0.258601 | AL |
| 9 | WETE007-F1 | Pierce Creek | Wetland | PFO | 30.675858 | -88.323499 | 0.103494 | 0 | 0.097405 | 0.025874 | 0 | 0.097405 | 0.123279 | AL |
| 9 | WETE008-F0 | Pierce Creek | Wetland | PFO | 30.673648 | -88.327194 | 0 | 0 | 0.01004 | 0 | 0 | 0.01004 | 0.01004 | AL |
| 9 | WETE008-F1 | Pierce Creek | Wetland | PFO | 30.66956 | -88.333484 | 0.05031 | 0 | 0.0093 | 0.012577 | 0 | 0.0093 | 0.021878 | AL |
| 10 | WETE001-F0 | Pierce Creek | Wetland | PFO | 30.667366 | -88.335929 | 0.15366 | 0 | 0.19447 | 0.038415 | 0 | 0.19447 | 0.232885 | AL |
| 10 | WETE002-F0 | Pierce Creek | Wetland | PFO | 30.665137 | -88.335911 | 0.067189 | 0 | 0.148682 | 0.016797 | 0 | 0.148682 | 0.16548 | AL |
| 10 | WETE002-F4 | Pierce Creek | Wetland | PFO | 30.663931 | -88.335898 | 0.107958 | 0 | 0.451582 | 0.02699 | 0 | 0.451582 | 0.478572 | AL |
| 10 | WETE002-F5 | Pierce Creek | Wetland | PFO | 30.662869 | -88.335932 | 0.068151 | 0 | 0.143938 | 0.017038 | 0 | 0.143938 | 0.160976 | AL |
| 10 | WETE003-F1 | Pierce Creek | Wetland | PFO | 30.660551 | -88.338313 | 0.178512 | 0 | 0.360787 | 0.044628 | 0 | 0.360787 | 0.405415 | AL |

2 of 2

2 of 2

Plains Southcap Pipeline

| | | | | | | | | | | | | | | |
|-------------|-------------|-------------|---------|-----|-----------|------------|-----------|----------|----------|----------|----------|----------|-----------|----|
| 11 | WETD0015-FO | Red Creek | Wetland | PFO | 30.783868 | -88.210345 | 0.152517 | 0 | 0.502189 | 0.038129 | 0 | 0.502189 | 0.540318 | AL |
| 11 | WETD0018-FO | Red Creek | Wetland | PFO | 30.776798 | -88.224696 | 0.036155 | 0 | 0.112037 | 0.009039 | 0 | 0.112037 | 0.121075 | AL |
| 11 | WETE009-FO | 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-FO | 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-FO | Wolf Branch | Wetland | PFO | 30.647194 | -88.366056 | 0.220836 | 0 | 0.195114 | 0.055209 | 0 | 0.195114 | 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-FO | Wolf Branch | Wetland | PFO | 30.648341 | -88.363802 | 0.087021 | 0 | 0.327068 | 0.021755 | 0 | 0.327068 | 0.348823 | AL |
| 12 | WETC009-FO | Wolf Branch | Wetland | PFO | 30.648922 | -88.362555 | 0.025005 | 0 | 0.045145 | 0.006251 | 0 | 0.045145 | 0.051396 | AL |
| 12 | WETE004-FO | Wolf Branch | Wetland | PFO | 30.655679 | -88.348479 | 0.02563 | 0 | 0.052225 | 0.006407 | 0 | 0.052225 | 0.058633 | AL |
| 12 | WETE005-FO | Wolf Branch | Wetland | PFO | 30.655299 | -88.349284 | 0.027208 | 0 | 0.06596 | 0.006802 | 0 | 0.06596 | 0.072762 | AL |
| 13 | WETC004-FO | Wolf Branch | Wetland | PFO | 30.645192 | -88.3704 | 0 | 0 | 0.074719 | 0 | 0 | 0.074719 | 0.074719 | AL |
| 13 | WETC005-FO | Wolf Branch | Wetland | PFO | 30.645775 | -88.369154 | 0 | 0 | 0.035464 | 0 | 0 | 0.035464 | 0.035464 | AL |
| 13 | WETGT001-FO | 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-FO | Wolf Branch | Wetland | PFO | 30.652932 | -88.354202 | 0.029003 | 0 | 0.066808 | 0.007251 | 0 | 0.066808 | 0.074059 | AL |
| 13 | WETGT003-FO | Wolf Branch | Wetland | PFO | 30.65391 | -88.352158 | 0.050487 | 0 | 0.094658 | 0.012622 | 0 | 0.094658 | 0.10728 | AL |
| GRAND TOTAL | | | | | | | 12.752992 | 0.710633 | 22.37591 | 3.186251 | 0.355317 | 22.37591 | 25.919464 | |



**PLAINS
SOUTHCAP L.L.C.**

**PLAN VIEW INDEX
41-MILE-LONG TEN-MILE
FACILITY TO PASCAGOULA
PIPELINE PROJECT**

**JACKSON COUNTY, MS
MOBILE COUNTY, AL**

Page 2 of 47

LEGEND

Plan View



Background: USGS Topo maps (2000 Revision)
Topographic Contour Interval:
Mapper: JH
Approved By: JH
SWCA Project No: 22022
Date Produced: 12/06/09
Revision: 01



SWCA, Environmental Consultants
7200 Longleaf, Suite 100
Houston, Texas 77056
(713) 864-6800 phone
(713) 864-6804 fax
www.swca.com



Project End
Lat: 30° 21' 15.372" N
Long: 88° 29' 18.922" W

Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

P:\GIS\Users\rcaballas\Oaktop\Mx\Projects\22932_Pascagoula_Pipeline\MAPS\mxd\Report Maps\PCN 3 12062012\PCN Plan View Index 12062012.mxd



Project Begin
 Lat: 30° 47' 54.024" N
 Long: 88° 12' 19.821" W

Project End
 Lat: 30° 21' 15.372" N
 Long: 88° 29' 18.922" W

**PLAINS
 SOUTHCAP L.L.C.**
 VICINITY MAP
 41-MILE-LONG TEN-MILE
 FACILITY TO PASCAGOULA
 PIPELINE PROJECT
**JACKSON COUNTY, MS
 MOBILE COUNTY, AL**
 Page 1 of 47

LEGEND
 Project Area



Background: 1:250,000 Topographic (2001 Revision)
 Topographic Class Name:
 MapScale: 1:250,000
 Mapped By: ESI
 MCA Project No: 22802
 Date Produced: 12/07/09
 Revision Code:

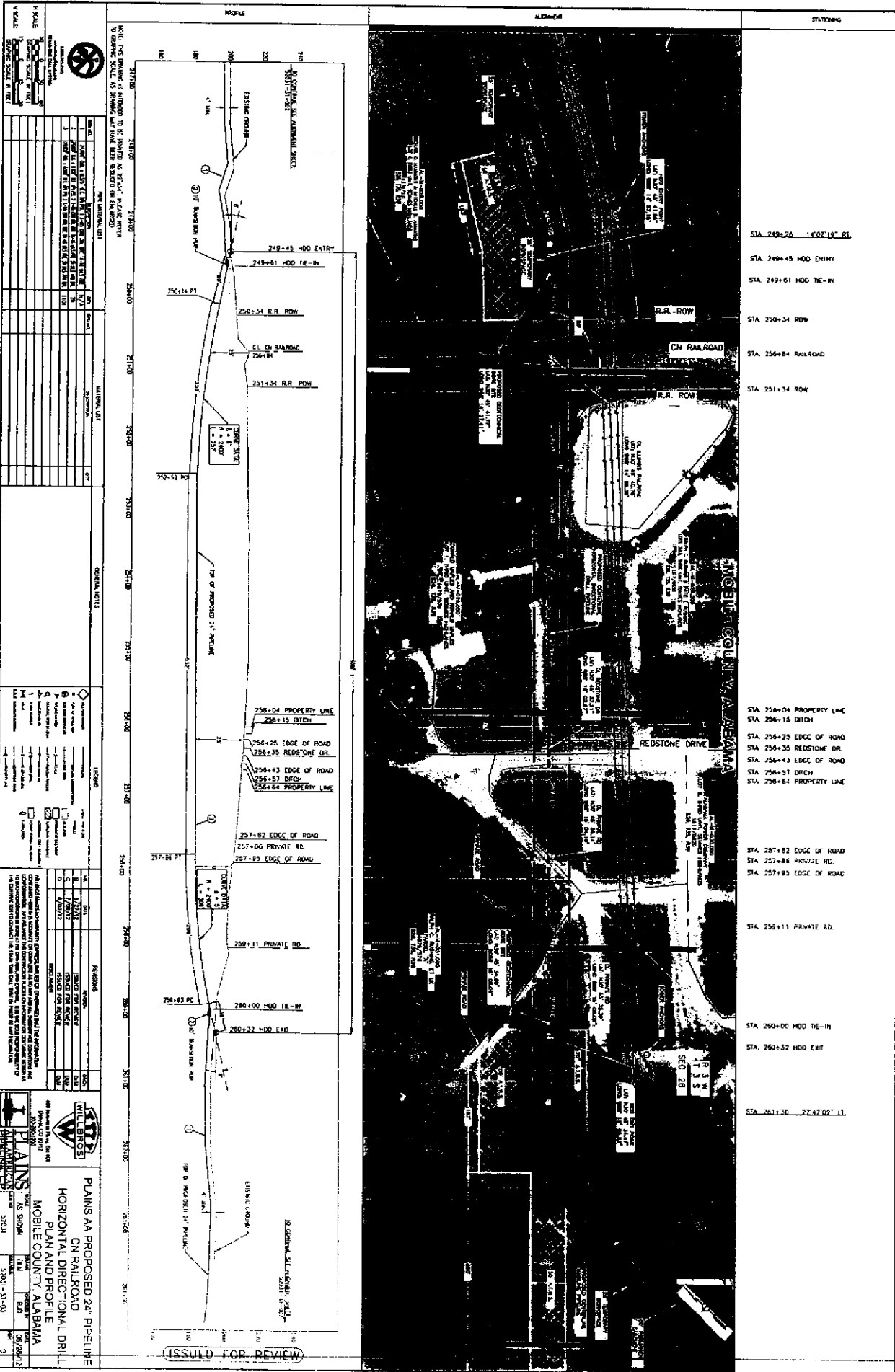
North Arrow
 North Arrow
 U.S. Survey Feet

 0 2 4
 Miles


SWCA, Environmental Consultants
 7300 Longley, Suite 500
 Houston, Texas 77060
 (713) 864-6000 phone
 (713) 864-6060 fax
 www.swca.com

SWCA
 ENVIRONMENTAL CONSULTANTS

Path: C:\Users\jbalala\OneDrive\My Projects\22832 - Pascagoula - Plains\SWCA\PS\Map\Bene\Map\PCN 3 12082012\PCN Vicinity map 12082012.mxd

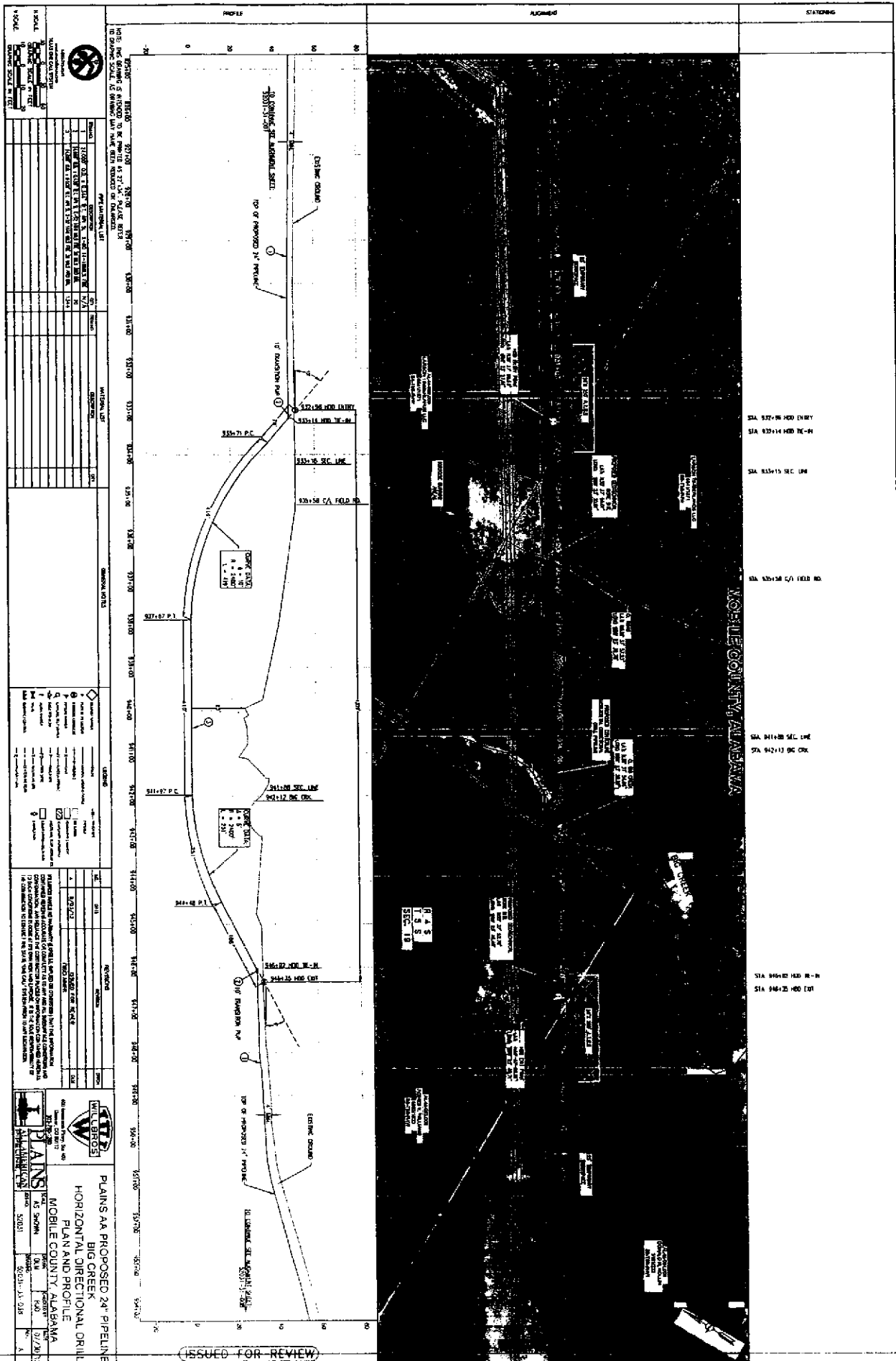


- STA 249+26 14'02" R.I.
- STA 249+45 HOD ENTRY
- STA 249+61 HOD TIE-IN
- STA 250+34 ROW
- STA 256+84 RAILROAD
- STA 251+34 ROW
- STA 256+04 PROPERTY LINE
- STA 256+15 DITCH
- STA 256+25 EDGE OF ROAD
- STA 256+35 REDSTONE DR.
- STA 256+43 EDGE OF ROAD
- STA 256+57 DITCH
- STA 256+64 PROPERTY LINE
- STA 257+82 EDGE OF ROAD
- STA 257+86 PRIVATE RD.
- STA 257+89 EDGE OF ROAD
- STA 259+11 PRIVATE RD.
- STA 260+00 HOD TIE-IN
- STA 260+32 HOD EXIT
- STA 261+30 22'42" R.I.



PLANS AA PROPOSED 24" PIPELINE
HORIZONTAL DIRECTIONAL DRILL
PLAN AND PROFILE
MOBILE COUNTY ALABAMA
 DATE: 05/20/12
 DRAWN BY: J. S. SMITH
 CHECKED BY: J. S. SMITH
 SCALE: 1" = 40' (PLAN)
 SCALE: 1" = 10' (PROFILE)

ISSUED FOR REVIEW



| NO. | DESCRIPTION | DATE | BY | CHECKED |
|-----|-------------------|----------|-----|---------|
| 1 | ISSUED FOR REVIEW | 11/20/12 | ... | ... |
| 2 | ... | ... | ... | ... |
| 3 | ... | ... | ... | ... |

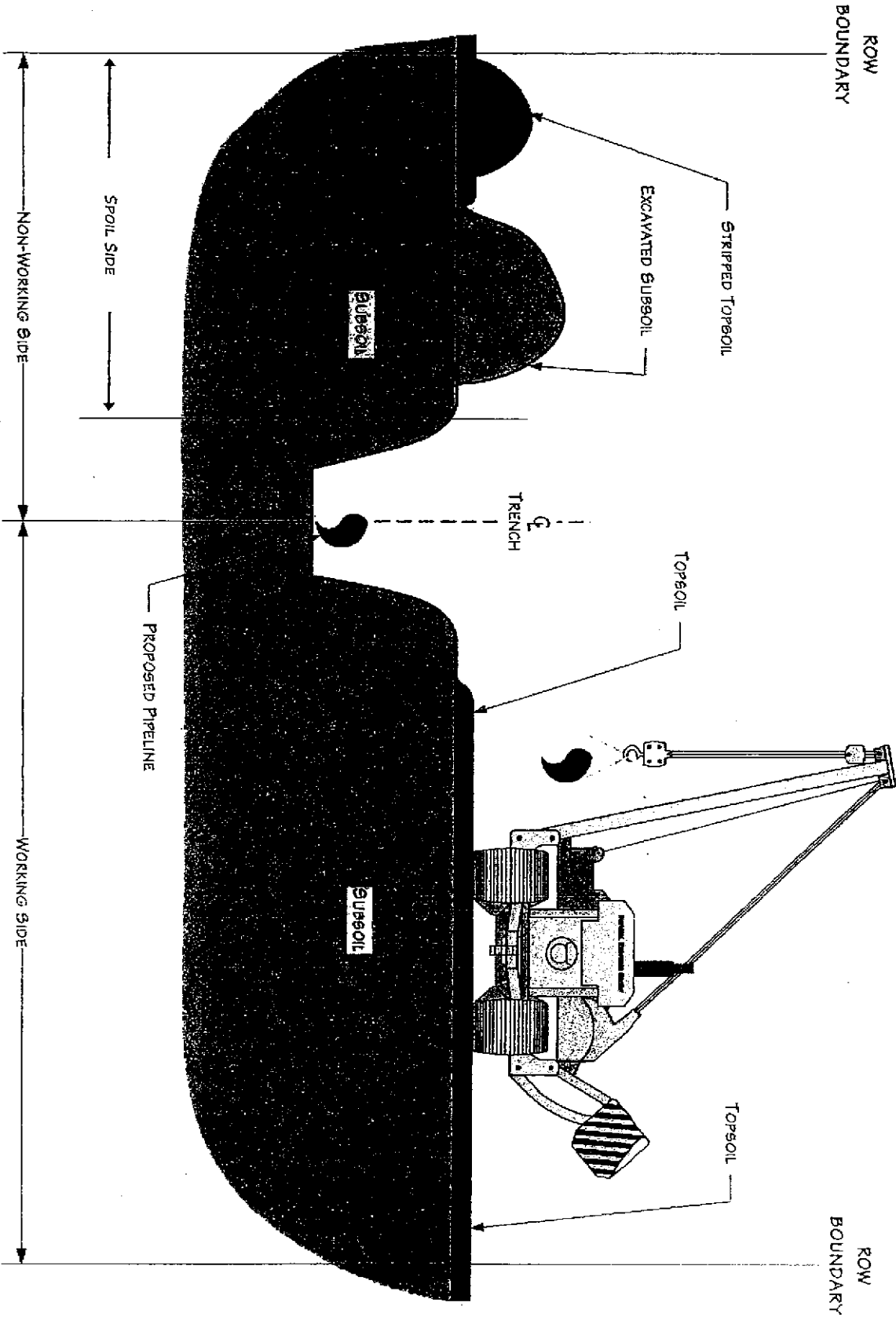
| NO. | DESCRIPTION | DATE | BY | CHECKED |
|-----|-------------------|----------|-----|---------|
| 1 | ISSUED FOR REVIEW | 11/20/12 | ... | ... |
| 2 | ... | ... | ... | ... |
| 3 | ... | ... | ... | ... |

| NO. | DESCRIPTION | DATE | BY | CHECKED |
|-----|-------------------|----------|-----|---------|
| 1 | ISSUED FOR REVIEW | 11/20/12 | ... | ... |
| 2 | ... | ... | ... | ... |
| 3 | ... | ... | ... | ... |

MOBILE COUNTY, ALABAMA

STA 832+00 HED ENTRY
 STA 832+14 HED TC-44
 STA 835+15 SEC LHM
 STA 835+58 C/A FIELD RD
 STA 841+00 SEC LHM
 STA 842+13 SEC CRK
 STA 846+00 HED R-4
 STA 846+25 HED LOT

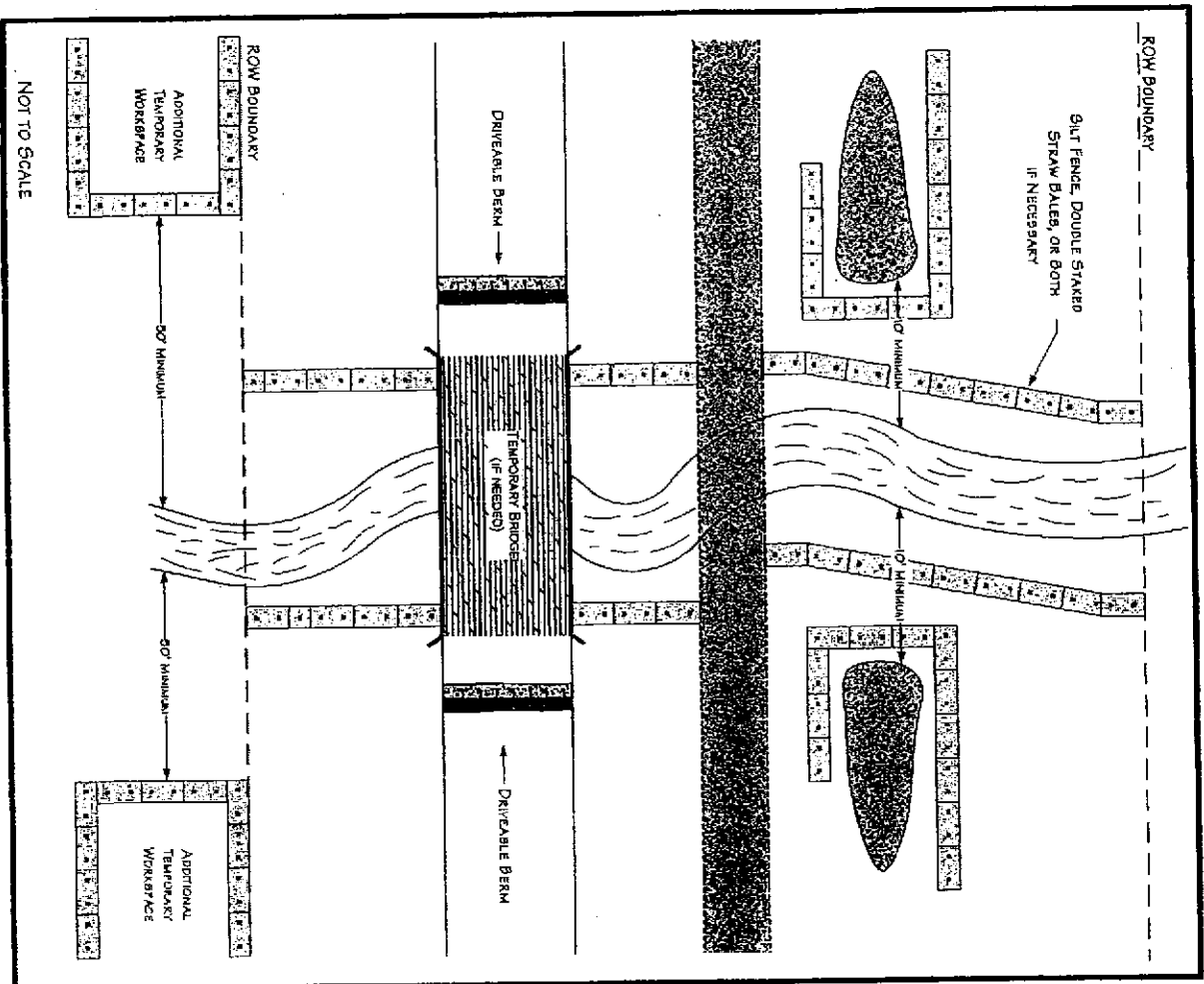
ISSUED FOR REVIEW



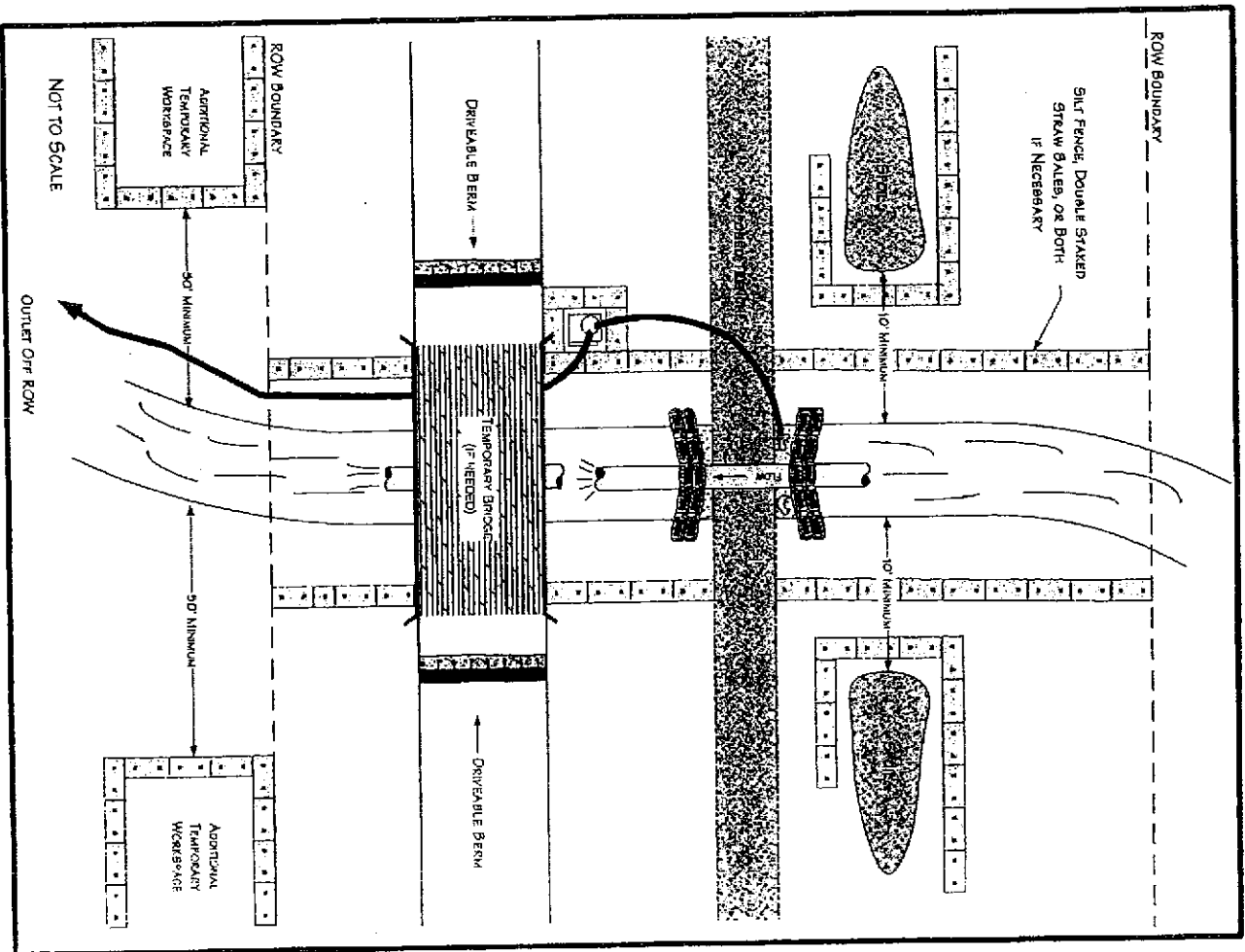
NOT TO SCALE

Trench and Spoil Side Method

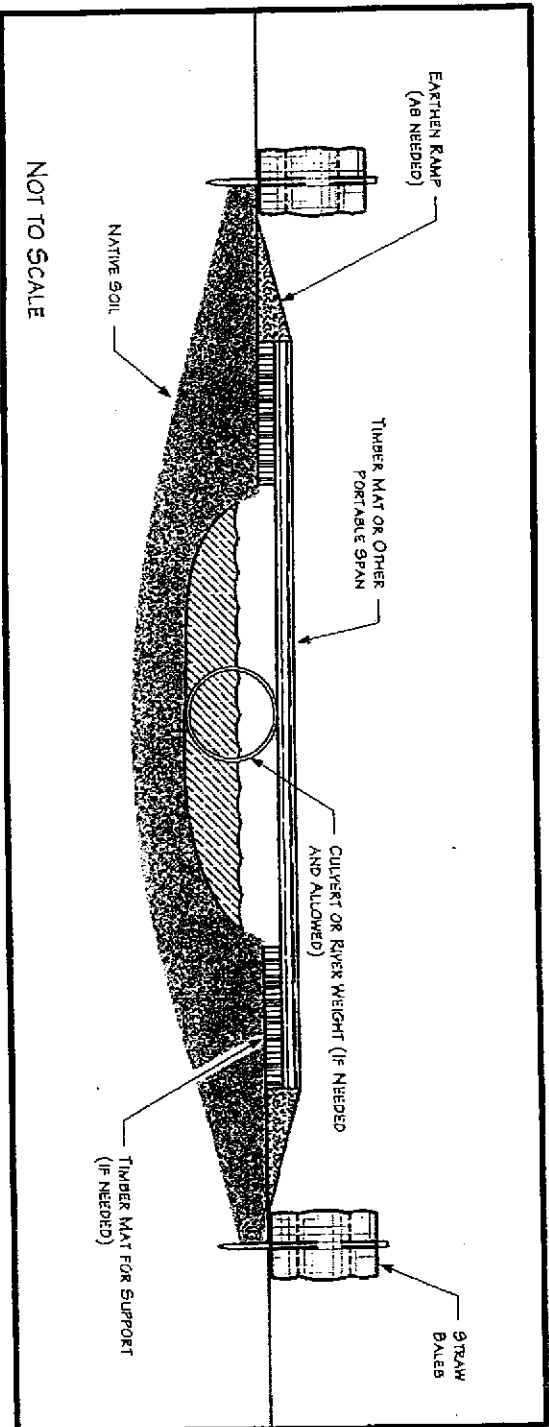
Open-Cut Waterbody Crossing Method



Flumed Waterbody Crossing Method



Equipment Bridge



Performance Criteria

- Design, construct, and maintain to
 - Provide unrestricted flow
 - Withstand and pass highest expected flows
 - Prevent soil from entering waterbody
- Align culverts to prevent bank erosion or streambed scour
- Install energy-dissipating devices downstream of culverts, if necessary

DECISION DOCUMENT FOR NATIONWIDE PERMIT (NWP)/REGIONAL GENERAL PERMIT (RGP) VERIFICATION

ORM Number: SAM-2012-00885-MBM

Applicant: Plains Southcap L.L.C. - Alabama, Mobile County, Alabama.

Project Location: The 41-mile crude oil pipeline starts 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 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, Mobile County, Alabama.

Receipt Date: September 12, 2012 Complete: Yes No X

Additional Information Requested Date: By letter dated September 19, 2012, requested the applicant submit additional information, including an application with an original signature and statement designating the agent for the project, confirmation whether FERC was involved, wetland delineation, scope of work and location of any directional drilling, mitigation plan, statement regarding Threatened and Endangered Species, statement regarding any cultural resource issues, and a request they complete the required ORM mass upload worksheets. The information was again requested on December 6, 2012.

Application Complete Date: With the submittal of additional information, the application was considered complete on January 2, 2013.

Waters of the U.S.: Project is located adjacent to an existing pipeline utility corridor. The project will require 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 temporary stream crossing impacts are located within Big Creek, Double Branch, Hamilton Creek, Pierce Creek, Red Creek, Wolf Branch, and Seabury Creek. The wetland impact polygons are located within the larger wetland systems adjacent to these streams. These streams are tributaries to the Escatawpa River which is a tidal Section 10 water (TNW) closer to the coastline.

Authority: Section 10 Section 404 X Section 103

Project Description (Describe activities in waters of the U.S. authorized by verification): DA permit authorization is required because the pipeline project will result in the temporary trenching of 22 stream crossings, 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 the pipeline corridor. All wetland and stream

impacts are temporary except for the permanent conversion of forested wetlands to non-forested wetlands.

Project Purpose: The project purpose is 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.

Type of Permit Verified: NWP , No. 12
RGP , No.

Pre-construction Notification Required: Yes No

Coordination with Agencies/Tribes: Yes No
Commenting Agencies:
U.S. Fish and Wildlife Service
Alabama State Historic Preservation Office

Substantiative Issues and Corps Resolution: Both agencies provided letters stating no resources would be affected by the project.

Compliance with Other Federal Laws (if Specific law is not applicable write N/A in the adjacent text box):

a) **Endangered Species Act:**

Name of species present: None.

Effects determination: No effect.

Date of Service(s) concurrence: December 21, 2012

Basis for "no effect" determination: No federally listed species or critical habitat are known to occur in the project area.

Additional Information (optional): None.

b) **Magnuson-Stevens Act (Essential Fish Habitat):** N/A

Name of species present:

Effects determination:

Date of Service(s) concurrence:

Basis for "no effect" determination:

Additional Information (optional):

c) **Section 106 of the National Historic Preservation Act:**

Known site present: Yes No

Survey required/conducted: Yes No

Effects determination: No adverse effect

Rationale: area already impacted by existing pipeline utility corridor

Date consultation complete (if necessary): By letter dated November 14, 2012

Consultation not needed

Additional information (optional):

d) Section 401 Water Quality Certification:

Individual certification required: Yes No X

Issued Waived Denied

Additional Information (optional): Section 401 Water Quality issued for the 2012 Nationwide Permits.

e) Coastal Zone Management Act: N/A

Individual certification required: Yes No X

Issued Waived Denied

Additional Information (optional):

f) Wild and Scenic Rivers Act: N/A

Project located on designated or "study" river: Yes No X

Managing agency:

Date written determination provided that the project will not adversely affect the Wild and Scenic River designation or study status:

Additional Information (optional):

g) Others (Specify):

Special Conditions Required: Yes X No (If yes, provide rationale for each required condition):

A. You shall comply with all the terms and conditions of the Alabama Department of Environmental Management Section 401 Water Quality Certification for the Nationwide Permits. This document can be viewed and downloaded from our website at 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.

RATIONALE: Makes permit holder aware that there is a conditioned State 401 Water Quality Certification they must comply with and provides link to the Mobile District website where the permit holder may review the applicable Water Quality Certification conditions and print copies as necessary or quickly provide a location to obtain these conditions to contractors who may be working on the project.

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.

RATIONALE: Calls specific attention to and reinforces the requirements of NWP General Condition 13, Removal of Temporary Fills, and more specifically addresses situations where temporary vegetative clearing impacts may be required to be replanted if not naturally restored in order to minimize temporal loss of wetland vegetation functions.

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.

RATIONALE: Per Executive Order 11900 - Protection of Wetlands (1977): The goal of the Regulatory Program is to demonstrate a “no-net-loss” of wetland functions. Through mitigation, applicants are required to avoid, minimize, and replace wetland functions when there are long and short term adverse impacts associated with the destruction or modification of the wetlands.

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.

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.

RATIONALE: Per Executive Order 11900 - Protection of Wetlands (1977): The goal of the Regulatory Program is to demonstrate a “no-net-loss” of wetland functions. Through mitigation, applicants are required to avoid, minimize, and replace wetland functions when there are long and short term adverse impacts associated with the destruction or modification of the wetlands. Calls specific attention to and reinforces the requirements of NWP General Condition 13,

Removal of Temporary Fills, and more specifically addresses situations where temporary vegetative clearing impacts may be required to be replanted if not naturally restored in order to minimize temporal loss of wetland vegetation functions.

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.

RATIONALE: Supports efforts to ensure compliance of the authorized activity with the requirements of Section 106. This condition gives notice to the permittee that work must stop and coordination must be initiated with the USACE to determine the proper way to proceed should cultural resource materials be discovered during project implementation.

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.

RATIONALE: Calls specific attention to and reinforces the requirements of NWP General Condition 12, Soil Erosion and Sediment Controls to prevent adverse impact to wetlands and streams through sedimentation.

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

RATIONALE: Calls specific attention to and reinforces the requirements of NWP General Condition 6, Suitable Material. Specifies that side casting or unauthorized placement of any type of debris including cleared vegetation in wetlands or waters of the U.S. that was not authorized in the permit review is an adverse impact, but disposal in uplands is an acceptable disposal method.

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.

RATIONALE: Calls specific attention to and reinforces the requirements of NWP General Condition 6, Suitable Material. Specifies that side casting or unauthorized placement of any type of debris including cleared vegetation in wetlands or waters of the U.S. that was not authorized in the permit review is an adverse impact, but disposal in uplands is an acceptable disposal method.

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.

RATIONALE: Reinforces the requirements of NWP general condition 11 regarding equipment use in wetlands and/or waters of the U.S. and encourages limiting construction and heavy equipment encroachments into wetlands or waters if they can be avoided and minimized.

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.

RATIONALE: Calls specific attention to and designing the project fill to allow for unrestricted flows of onsite and offsite water through the project site and avoids unnaturally retaining water that would naturally be transient through the system. This condition encourages the use of culverts and low water crossings to minimize hydrologic alterations during construction activities.

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 these NWP's. A copy of the permit and its general and special conditions shall remain on site at all times during construction.

RATIONALE: Places permit holder on notice that he/she is ultimately responsible to ensure that the permitted activity complies with all General and Special Conditions placed on the Nationwide Permit regardless of contractors or subcontractors who may be hired to conduct work or monitor compliance.

Compensatory Mitigation Required: Yes No (If yes, provide rational for compensatory mitigation required): 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. 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, 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. All temporary impacts to waters of the United States shall be restored to pre-impact elevation, contours, and ecological condition except for mitigated permanent conversion impacts.

Determination: I have reviewed the proposed project and determined that the work will result in minimal individual and cumulative adverse effects on the aquatic environment.

This project complies with all terms and conditions of the NWP's including any applicable Regional Conditions.

Prepared by: 

Title: Michael B. Moxey, Team Leader, RD-I-S

Date: 17 January 2013



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

January 17, 2013

Inland South Branch
Regulatory Division

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

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

Dear Mr. Sankey:

Reference is made to your December 10, 2012 request for a jurisdictional determination and verification of a wetland delineation for an a 41-mile 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. This letter addresses the segment of the pipeline located in Alabama that starts at the facility near 30.794917 North, -88.210341 West, and ends at the Alabama/Mississippi state line near 30.625219 North, -88.405534 West. In Alabama, the 50-foot wide pipeline corridor contains 107 wetland polygons and 22 stream crossings. The project will cross Big Creek, Double Branch, Hamilton Creek, Pierce Creek, Red Creek, Wolf Branch, and Seabury Creek at numerous locations. The pipeline corridor will cross 107 wetland polygons located within larger wetland systems adjacent to the above mentioned streams. This action has been assigned file number **SAM-2012-00885-MBM**, which should be referred to in all future correspondence with this office concerning this matter.

Based on our review of information submitted, field data collected during site inspections on January 16, 2013, and other information available to our office, we have determined that the wetland/upland boundaries reflected in the December 10, 2012, wetland polygon shape files provided for the project have been determined to be accurate. In Alabama, the pipeline corridor contains 22 stream crossings requiring temporary impacts to 389 linear feet of stream. The pipeline corridor crosses 107 wetland polygons containing 40.42 acres of wetlands. Please be advised that this wetland delineation verification reflects current policy and regulation and is valid for a period of 5 years from the date of this letter. If after the 5-year period this wetland delineation has not been specifically revalidated by the U.S. Army Corps of Engineers (Corps) it shall automatically expire.

- 2 -

Also attached to this determination letter are two copies of the Preliminary Jurisdictional Determination (PJD) form for the waters of the U.S., identified within the project area. Both copies must be signed and returned to this office. A copy signed by a representative of this office will be returned to you. The preliminary jurisdictional determination is a non-binding action and shall remain in effect unless new information or a request for an approved jurisdictional determination supporting a revision is provided to this office. Please note that since this jurisdictional determination is preliminary in nature; it is subject to change and therefore is not an appealable action under the Corps administrative appeal procedures defined at 33 CFR 331.

This letter grants no property rights and does not obviate any obligation or responsibility for the compliance with the provisions of any other law or regulation of any local, State, or Federal authority.

Section 404 prohibits the placement of dredged or fill material into waters of the U.S., including wetlands, unless the work has been authorized by a Department of the Army permit. Activities such as (but not limited to) slab-on-grade construction, grading, land clearing with heavy equipment, some pile-supported structures, and constructing a built-up road are considered filling activities and will require a permit if located in jurisdictional waters of the U.S.

We appreciate your cooperation with the Corps Regulatory Program. Please contact me by e-mail at Michael.b.moxey@usace.army.mil or by telephone at (251) 694-3771 should you have any questions concerning this matter. For additional information about permitting and our Regulatory Program, visit our web site at 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,

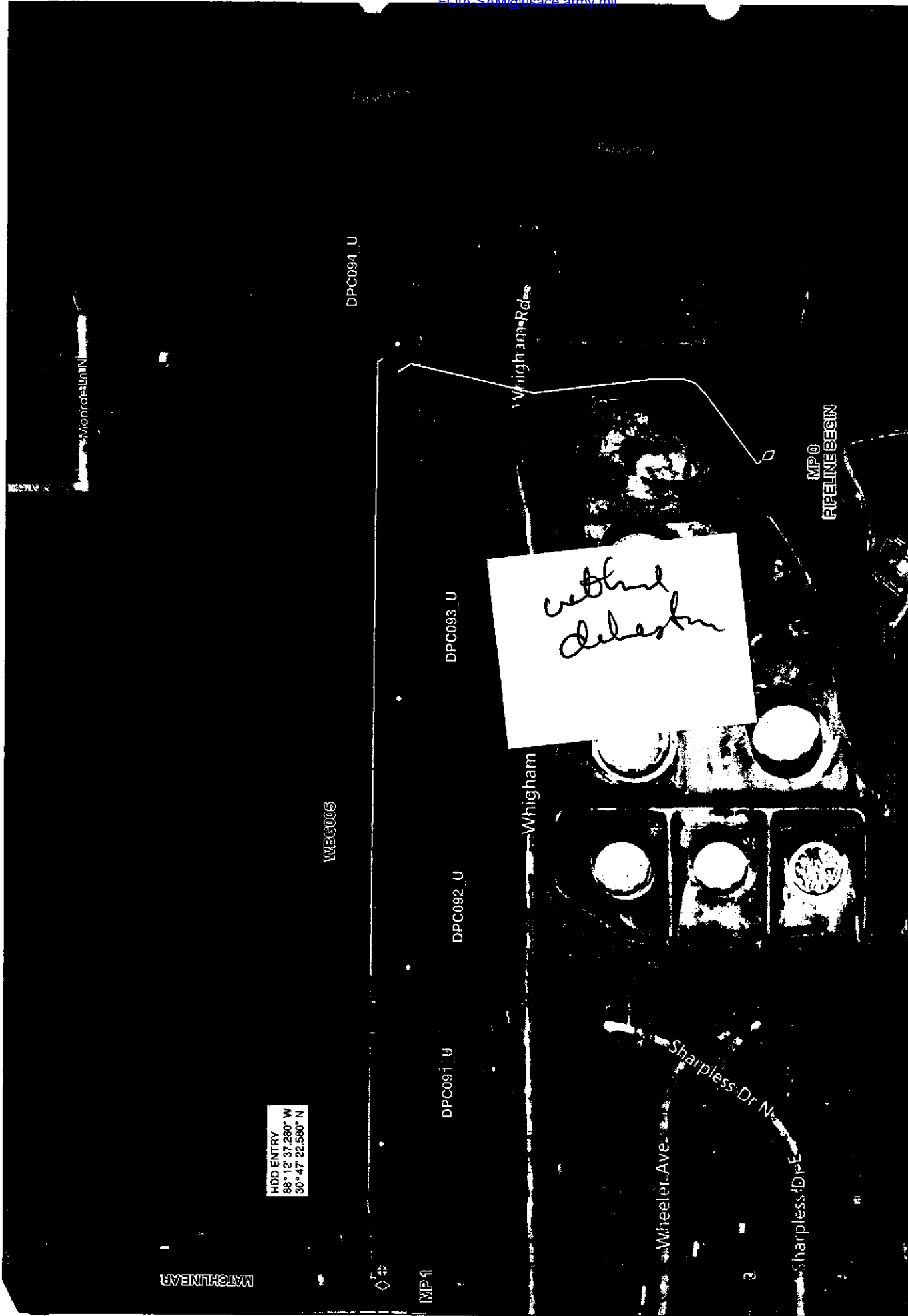
Michael B. Moxey
Team Leader, Inland South
Regulatory Division

Enclosures

MBC 1/17/2011
M. MOXEY/3771/aw

RD-I

FILE



HDD ENTRY
88° 12' 37.280" W
30° 47' 22.590" N

Wetland delineation

| | | | | |
|---|--|---|--|--|
| <p>SWCA ENVIRONMENTAL CONSULTANTS</p> <p>Sheet 3 of 47</p> | <p>PLAINS SOUTHCAP L.L.C. WETLAND DELINEATION MAP 41-MILE-LONG TEN-MILE FACILITY TO PASCAGOULA PIPELINE PROJECT MOBILE COUNTY, AL</p> | <p>LEGEND</p> <p>Centerline Permanent Row Temporary Row Additional Workspace 200' Survey Unsurveyed Areas</p> <p>PEM PFO PSS EEM Streams</p> <p>Sample Point Milepost HDD Entry/Exit</p> | <p>COMMENT: USACE MOBILE DISTRICT</p> | <p>Background: Bing Maps Hybrid (08/12) Approved By: Preliminary Draft SWCA Project No: 22923 Date Produced: 02/20/12 Revision: 1.0 Scale: 1" = 200' Graphic Scale: 0 100 200 Feet Coordinate System: NAD 1983 (FWS Zone 18N) Units: Feet US</p> |
|---|--|---|--|--|

FOIA-SAM@usace.army.mil



Background: Bing Maps Hybrid (2012)
 Approved By: Preliminary Draft
 SWCA Project No: 22834
 Date Produced: 09/05/11
 Revision Dates: 000
 Scale: 1:500
 Coordinate System: NAD 83 UTM Zone 18W
 Units: Feet US

COMMENT:
 USACE MOBILE DISTRICT

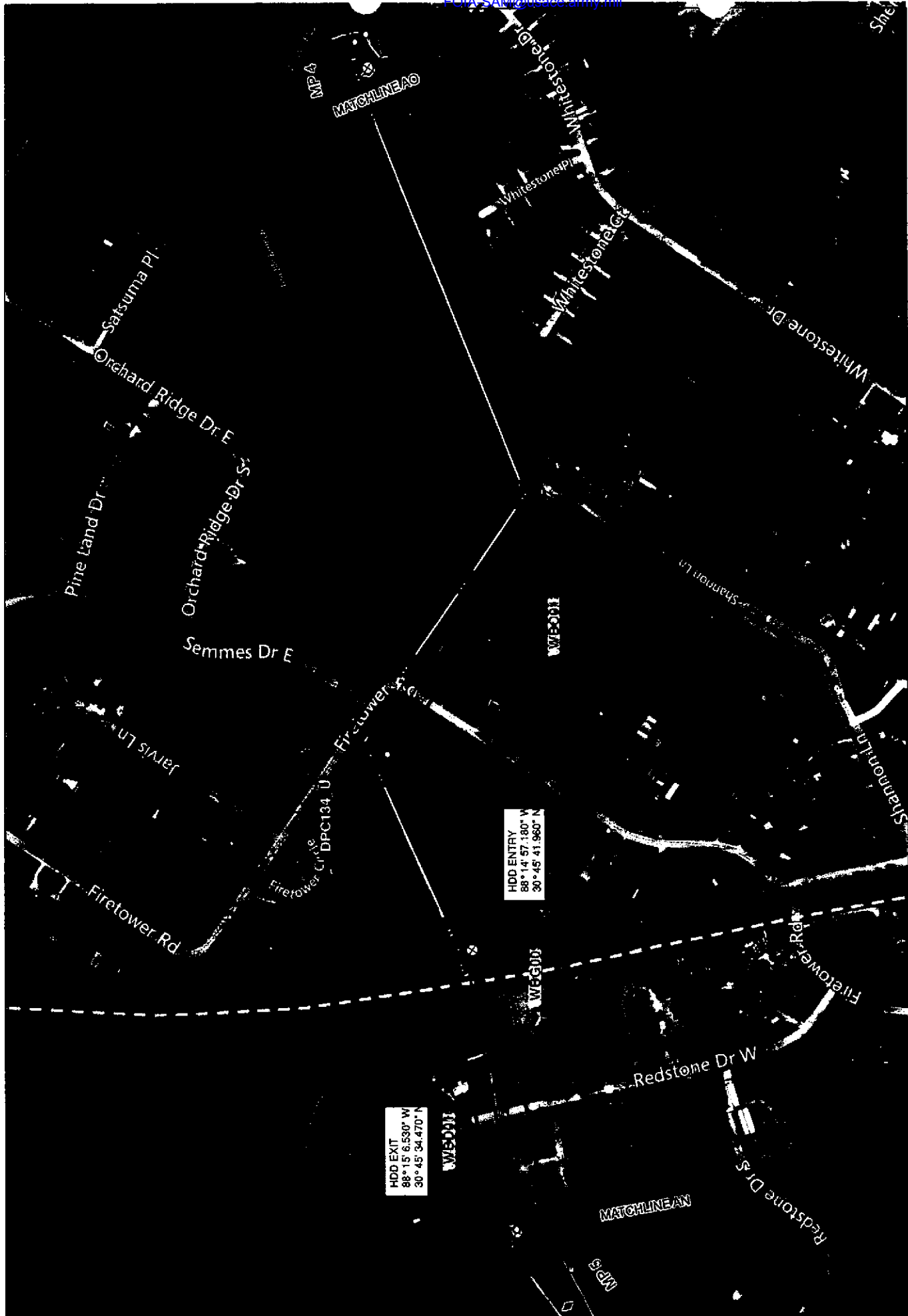
Legend:
 Centrifuge
 Permanent ROW
 Temporary ROW
 Additional Workspace
 200' Survey
 Unsurpassed Areas

PEM
 PFO
 PFS
 EEM
 Streams
 Sample Point
 Milepost
 HDD Entry/Exit

PLANNES SODIUM PUMP ILL. CO.
 WETLAND DELINEATION MAP
 40+ HOURS LONG TERNHILL LIFE COMMUNITY TO
 PROTECT THE LIFE COMMUNITY, ALL

SWCA
 ENVIRONMENTAL CONSULTANTS
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FOIA_SAM@usage.army.mil



HDD EXIT
88°15' 6.530" W
30° 45' 34.470" N

HDD ENTRY
88°14' 57.180" W
30° 45' 41.960" N

Background: Bing Maps Hybrid (2014)
Approved By: Preliminary Draft
SWCA Project No: 2383
Date Produced: 02/02/07
Revision Date:
Scale: 1:250
Coordinate System: NAD 83 UTM Zone 18N
Units: Feet US



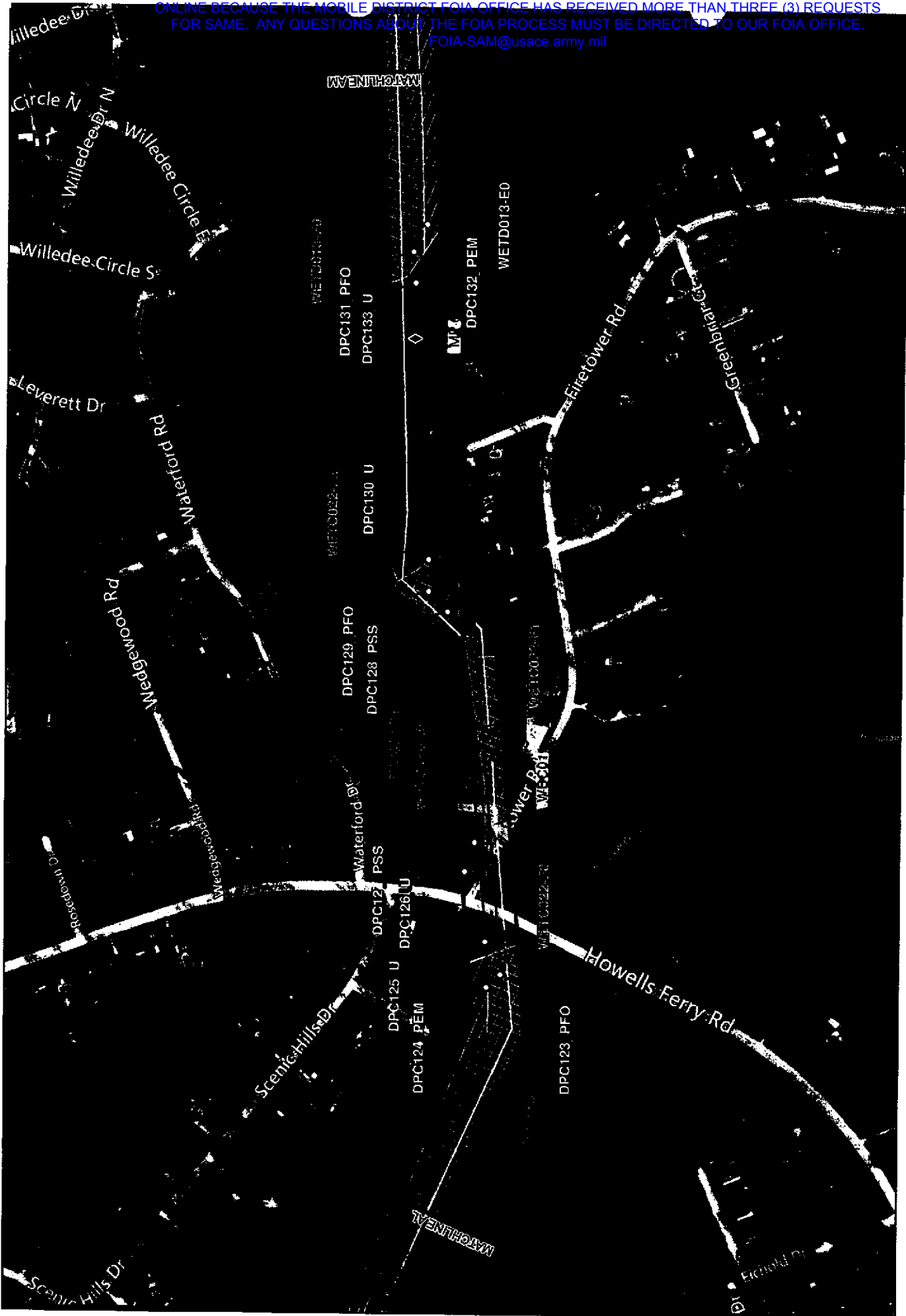
COMMENT:
USACE MOBILE DISTRICT

| | | | | | |
|----------------|---------------|---------------|----------------------|------------|------------------|
| Centerline | Permanent ROW | Temporary ROW | Additional Workspace | 200 Survey | Unsurveyed Areas |
| Sample Point | PEM | PFO | PSS | EEM | Streams |
| Milepost | | | | | |
| HDD Entry/Exit | | | | | |

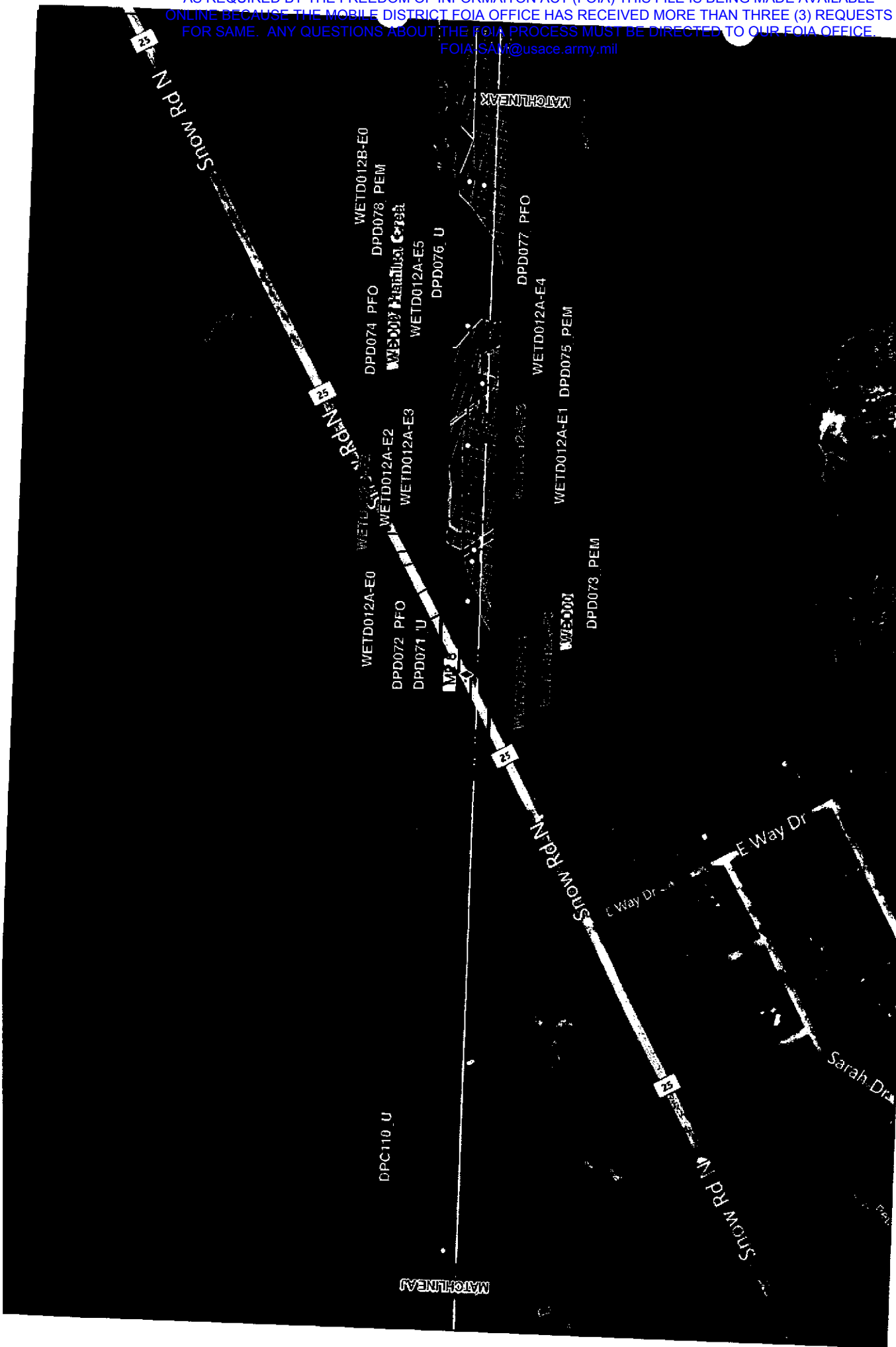
PLANNING SCOUTING CAMP, ILL. CO.
WHEELAND DEERLENEART CAMP
441-RAVILIES-LONGS TIER-HAMILIE PARACILITY TOO
PENSOPACCOLLAWA (P) PRELUINE (P) COLLECT
(MOBILE COUNTY, AL)

SWCA
ENVIRONMENTAL CONSULTANTS
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AS REQUIRED BY THE FREEDOM OF INFORMATION ACT (FOIA) THIS FILE IS BEING MADE AVAILABLE
ONLINE BECAUSE THE MOBILE DISTRICT FOIA OFFICE HAS RECEIVED MORE THAN THREE (3) REQUESTS
FOR SAME. ANY QUESTIONS ABOUT THE FOIA PROCESS MUST BE DIRECTED TO OUR FOIA OFFICE.
FOIA-SAM@usace.army.mil



| | | | | |
|--|---|---|---|---|
| <p>Background: Bing Maps Hybrid (PFO) Map: Mobile District Approved By: Preliminary Draft SWCA Project No: 2282 Date Produced: 10/20/22 Revision: 0</p> <p>0 100 200 Feet</p> <p>Coordinate System: NAD 83 UTM Zone 18N Units: Feet US</p> | <p>COMMENT: USACE MOBILE DISTRICT</p> | <p>Legend:</p> <ul style="list-style-type: none"> Centerline Permanent Row Temporary Row Additional Workspace 200' Survey Unsurveyed Areas PEM PFO PSS EEM Streams Sample Point Milepost HDD Entry/Exit | <p>PLANNING SOUTHCOAST U.L.C. WATERLAND DEVELOPMENT MAP 401 MILLBROOKS TERRACE MOBILE ALABAMA 36688 FOR SCOPING AND PRELIMINARY DESIGN</p> | <p>SWCA ENVIRONMENTAL CONSULTANTS</p> <p>Sheet 9 of 47</p> |
|--|---|---|---|---|



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WILLAINS SOUTHERN U.L.C.
WETLAND DETERMINATION MAP
441-AM LEE-ALONG TERN-HAM LEE FACILITY TID
TRANSFORMING LEE-ALONG TERN-HAM LEE FACILITY
MOBILE LEE-OCCELUNITY, AL

Centerline
Permanent ROW
Temporary ROW
Additional Workspac
200' Survey
Unsurveyed Areas

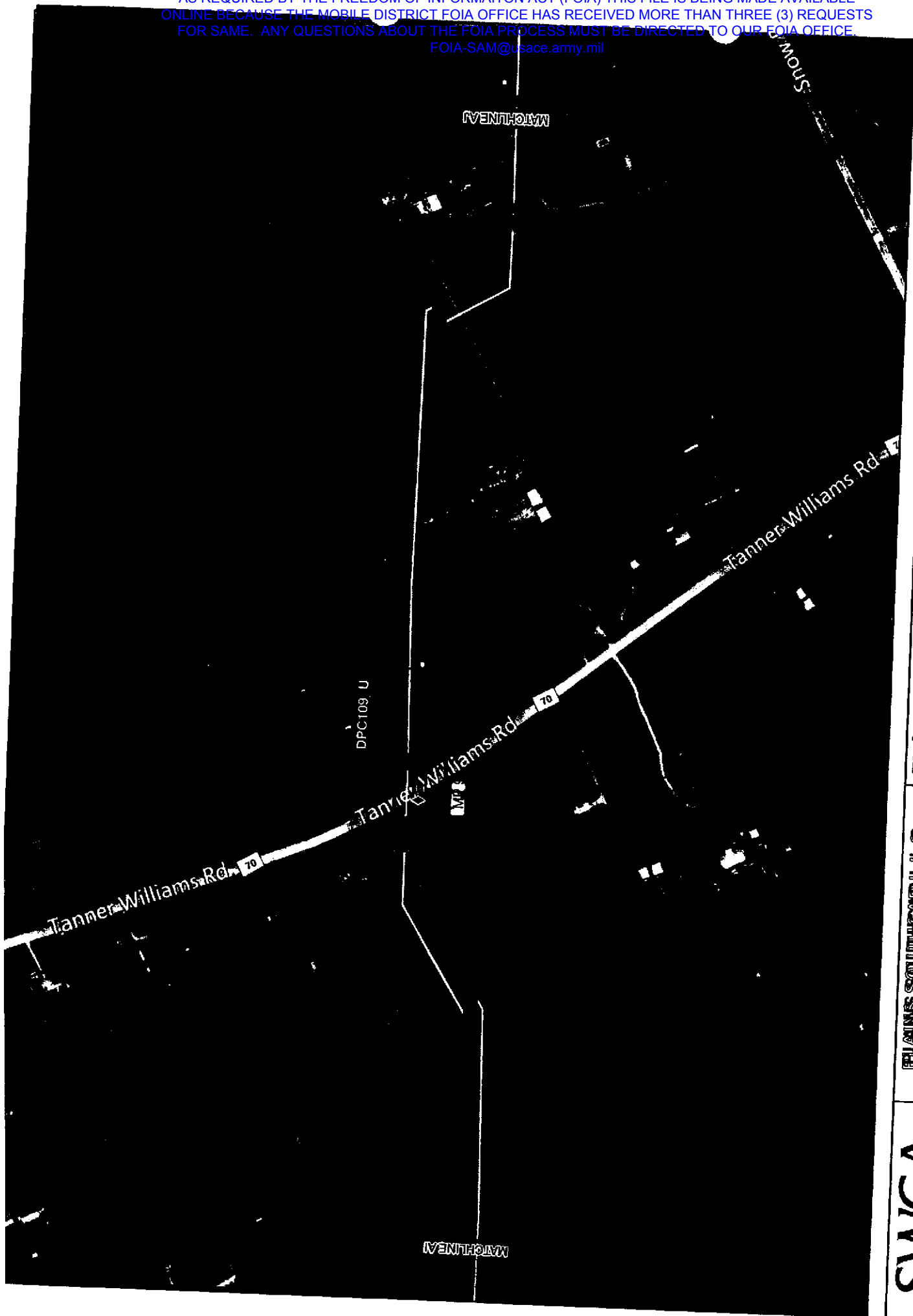
PEM
PFO
PSS
EEM
Streets

Sample Point
Milepost
HDD Entry/EU

CONTRACT
USACE MOBILE DISTRICT

Background: Bing Maps Hybrid (2012)
Approved By: Preliminary Draft
SWCA Project No: 20082
Data Produced: 02/02/13
Revision 01/13

Scale: 1" = 100' Feet
Graphic Scale: 0 100 200 Feet



Background: Bing Maps Hybrid (2012)
 Mapper: JF
 Approved By: Project No: 2293
 SWCA Project No: 2293
 Data Produced: 08/20/12
 Revision Date: 08/20/12

0 200 400 Feet

Copyright © 2012 USACE
 USACE MOBILE DISTRICT

COMMENT:
 USACE MOBILE DISTRICT

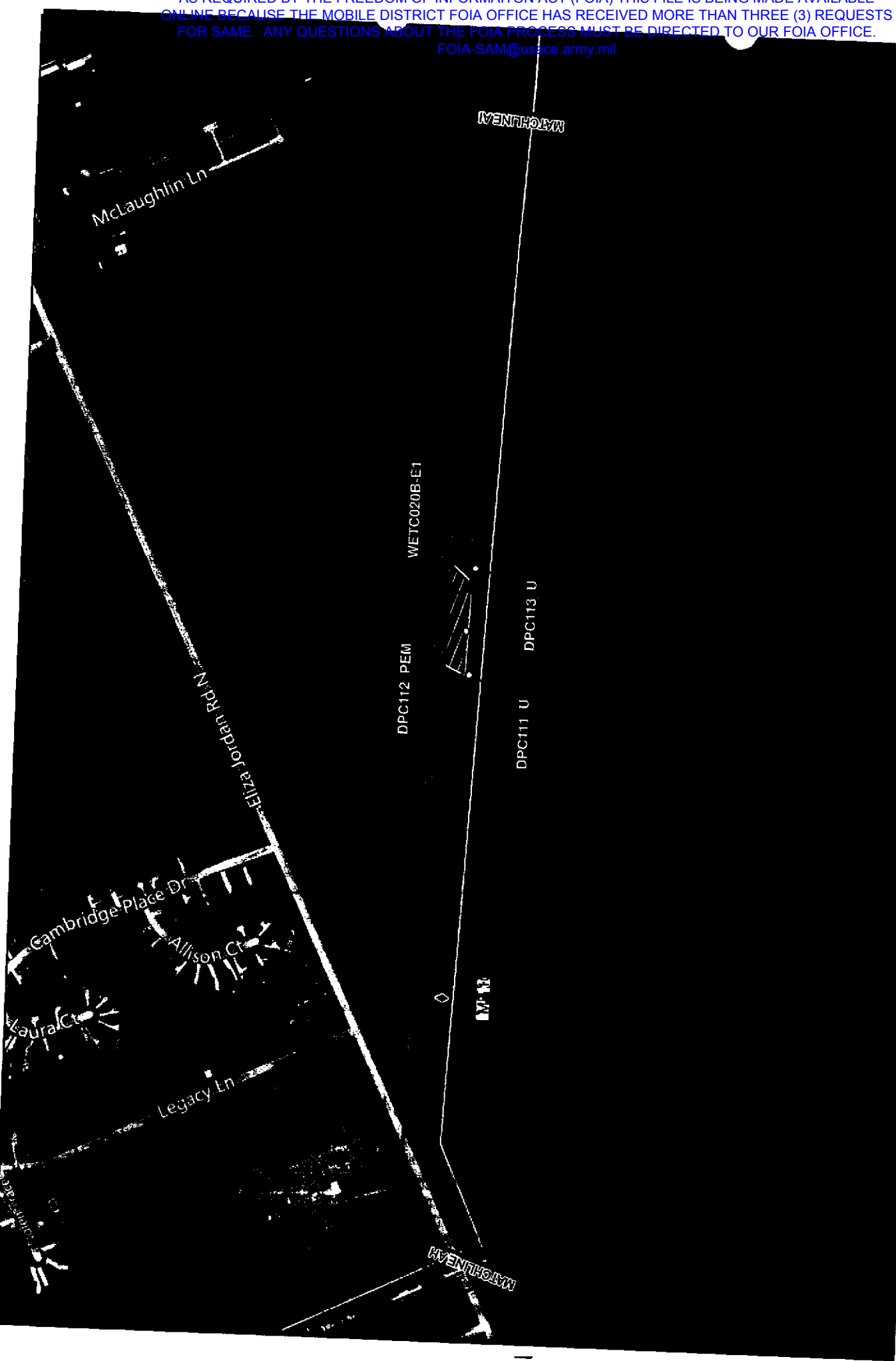
Centerline
 Permanent Row
 Temporary Row
 Additional Workspace
 200' Survey
 Unsurveyed Areas

PEM
 PFC
 PSS
 EEM
 Stream

Sample Point
 Mapspot
 HDD Entry/Exit

FLANNES SOUTHCOAST U.L.C.
WETLAND Delineation MAP
447-0115-1000G TEEN-0115-1000G
PROPOSED COLLECTOR PIPELINE PROJECT
MOBILE COUNTY, AL

SWCA
 ENVIRONMENTAL CONSULTANTS
 Sheet 12 of 47



Background: Bing Maps Hybrid (2012)
 Map Data: © 2012 Microsoft Corporation
 Approved By: Project Manager
 SWCA Project No: 22032
 Date Produced: 2/20/2012
 Revision Date: 000
 000 Feet

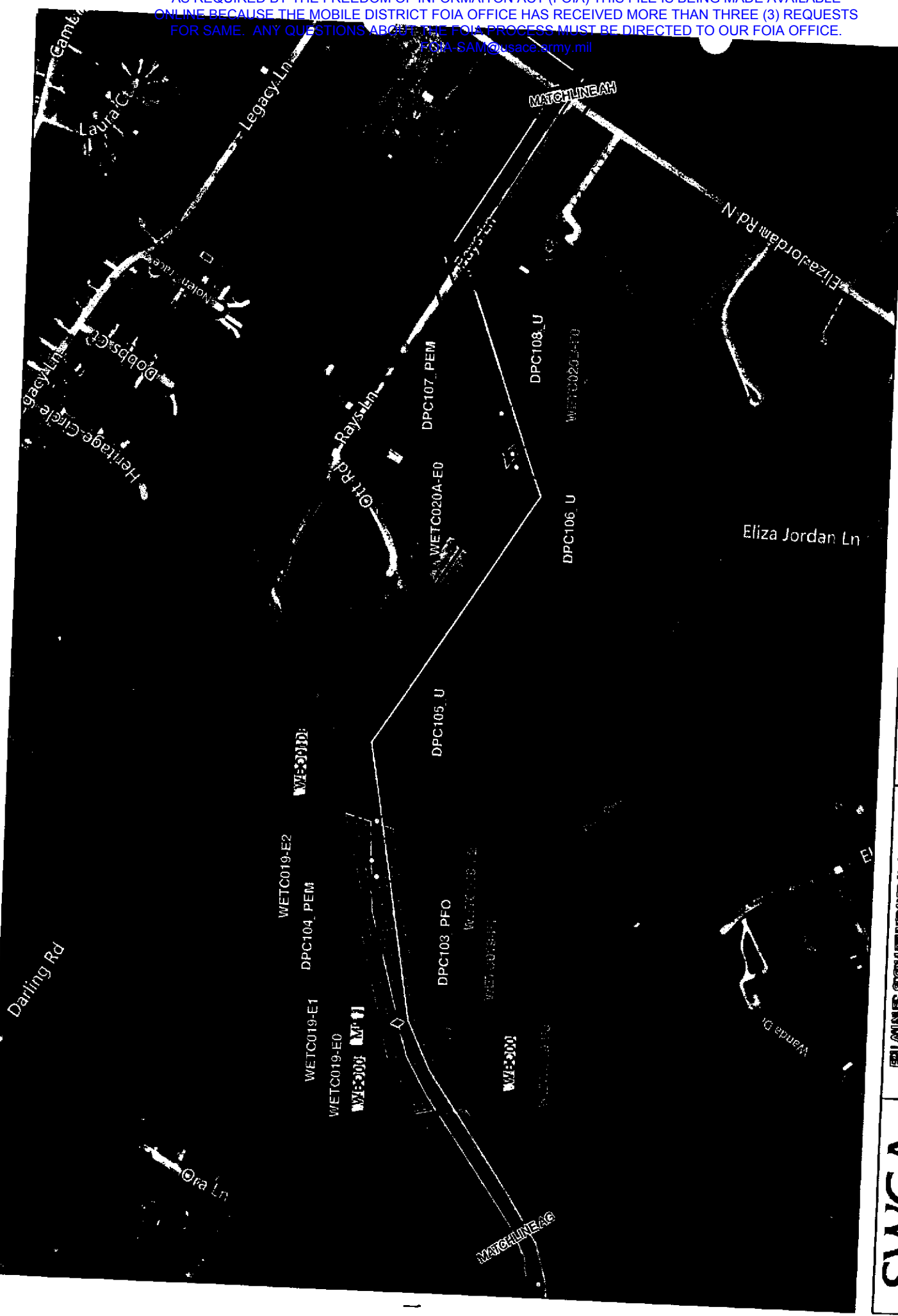


COMMENT:
 USACE MOBILE DISTRICT

| | | |
|----------------------|---------|--------------|
| Centerline | PEM | Sample Point |
| Permanent ROW | PFO | ○ |
| Temporary Flow | PSS | ◆ |
| Additional Workspace | EEM | ◆ |
| 200' Survey | Streams | ◆ |
| Unsurveyed Areas | | |

PLANNING SOLUTIONS GROUP, L.L.C.
 441-841-1111
 WWW.PLANNINGSOLUTIONSGROUP.COM
 441-841-1111

SWCA
 ENVIRONMENTAL CONSULTANTS
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SWCA
 ENVIRONMENTAL CONSULTANTS
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FLANNERS SOUTHFIELD, ILL. CO.
 WETLAND Delineation Map
 401-AM LEE-JOHN G. TERRACE LEE PERCULINITY LTD
 PERCULINITY LTD
 MOBILE LEE COLINITY, ALL

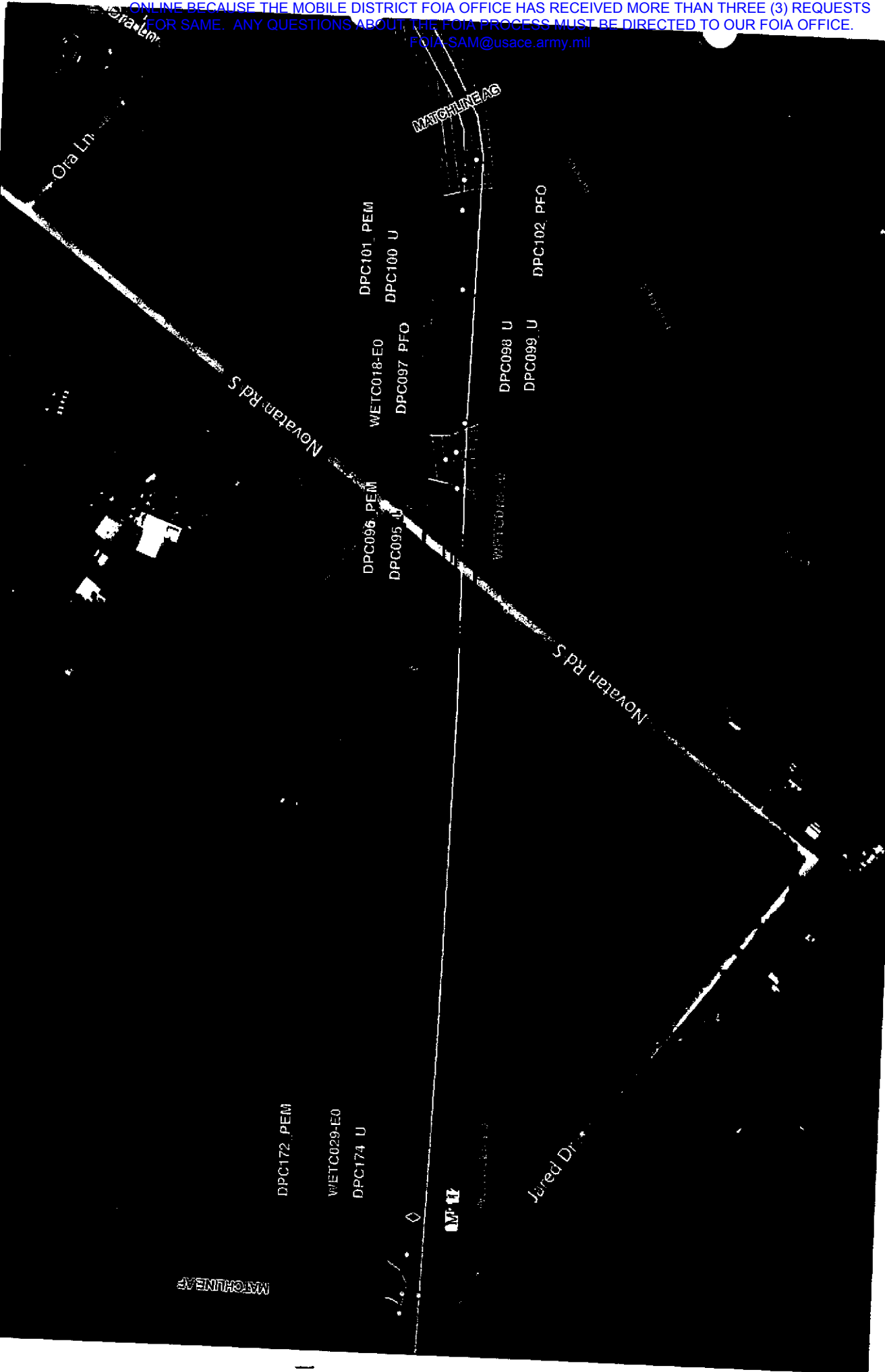
COMMENT:
 USACE MOBILE DISTRICT

Legend:
 Centerline
 Permanent Row
 Temporary Row
 Additional Workspace
 200' Survey
 Unsurveyed Areas

PEM
 PFO
 PSS
 EEM
 Streams

Sample Point
 Milepost
 HDD Entry/Exit

Background: Bing Maps Hybrid (2012)
Map: Mobile District
Approved By: Preliminary Draft
SWCA Project No.: 22022
Date Produced: 02/09/13
Revision Date:
 200
 500
 1000
 Feet



SWCA
ENVIRONMENTAL CONSULTANTS

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PLANNING SOLUTIONS, INC.
WETLAND DELINEATION MAP
401-AM USE-LONG TERM USE PERMITTY TO
PERFORM CONSTRUCTION OF PRELIMINARY PERMIT
FOR THE USE OF COMMUNITY, ALL

COMMENT:
USACE MOBILE DISTRICT

Legend:

- Centerline
- Permanent Row
- Temporary Row
- Additional Workspace
- 200' Survey
- Unsurveyed Areas
- PEM
- PFO
- PSS
- EEM
- Stream
- Sample Point
- Milepost
- HDD Entry/Exit

Background: Bing Maps (held 2/19/12)
Map: Mobile District
Approved By: Preliminary Draft
SWCA Project No.: 22502
Date Produced: 12/20/11
Revision: 001

MATCHLINE

DPC171 U

DPC173_PFO


WETG004-E0

WETG003-E0

WETG002
Pipes Cross

WETG001

MATCHLINE

| | | | | |
|--|--|--|--|---|
| <p>Background: Big Mega Hybrid (2012) Mapper: JP Approved By: Preliminary Draft SWCA Date Produced: 10/20/2012 Revision Date: Revision No: 100 Date: 10/20/2012</p>  | <p>COMMENT: USACE MOBILE DISTRICT</p> | <p>Legend:</p> <ul style="list-style-type: none"> ○ Sample Point ◆ Milepost ◆ HDD Entry/Exit PEM PFO PSS EEM Stream Contours Permanent ROW Temporary ROW Additional Workspace 200' Survey Unsurveyed Areas | <p>FRANKS SOLUTIONS AND CONSULTANTS, L.L.C. 4471 GULF BREEZE DRIVE, SUITE 100, DUNWOODY, GA 30343 PHONE: 770.400.1111 FAX: 770.400.1112 WWW.FRANKSOLUTIONS.COM</p> | <p>SWCA ENVIRONMENTAL CONSULTANTS Sheet 16 of 47</p> |
|--|--|--|--|---|