PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS 69A Hagood Avenue Charleston, SC 29403-5107 and THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL Water Quality Certification and Wetlands Section 2600 Bull Street Columbia, South Carolina 29201

REGULATORY DIVISION Refer to: SAC-2015-00012

January 22, 2018

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), the South Carolina Coastal Zone Management Act (48-39-10 <u>et.seq.</u>), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, <u>et. seq.</u>, 1976 <u>S.C. Code of Laws</u>, as amended), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Charleston County Park and Recreation Commission c/o Ms. Julie Hensley 861 Riverland Drive Charleston, South Carolina 29412

And

HPH Properties, L.P. c/o Ms. Jan V. Dorn 19 Marsh Bluff Court Edisto Island, South Carolina 29438

And

Long Savannah Land Company c/o Taylor Bush 80 Alexander Street Charleston, South Carolina 29403

for a permit to discharge fill material into and excavate material from freshwater non-tidal wetlands associated with

Rantowles and Church Creeks

on a 3,172.6-acre project site located in the West Ashley area of Charleston, near the terminus of the Glenn McConnell Parkway at Bees Ferry Road northwest of Bees Ferry Road, spanning the area between Village Green Subdivision and Rantowles Creek in Charleston, Charleston County, South Carolina (Latitude: °35.844167 N, Longitude: -80.113611°W), (Johns Island Quad).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** and **SCDHEC** until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

All of the information in this public notice was provided in the permit application by the Applicants.

Proposed Project

The proposed work consists of the discharge of fill material into 176.46 acres of freshwater nontidal wetlands and the excavation of 99.39 acres of freshwater non-tidal wetlands for the construction of a mixed use project that will include residential, business/commercial, institutional and open space/recreation land uses. Proposed project impacts total 275.85 acres of wetlands. In detail, the proposed project involves the discharge of fill material into 35.08 acres of wetlands for the construction of road crossings and utilities and 141.38 acres of wetlands to construct residential, commercial and institutional buildings and associated support facilities. The project also involves the excavation of a total 99.39 acres of wetlands for the construction of the necessary and required stormwater management retention and detention facilities. Of the 99.39 acres, 25.98 acres of wetlands will be excavated for the construction of a recreational lake.

The proposed project is referred to as "Bulow County Park/Long Savannah/Village Green".

Permit Timeframe

The Project will be constructed over time, subject to economic conditions and market fluctuations, with anticipation that development will continue over the next 30 years. Therefore, the Applicants request a **30-year permit**.

Project Need

In 2002, CCPRC conducted an open space analysis (*Charleston County Park and Recreation Commission, Open Space Analysis 2002-2015, October 2002),* that identified a need for park space of 1,240 acres in West Ashley to meet the anticipated future population of West Ashley. West Ashley is bounded, generally, by the Ashley and Stono Rivers and is, at approximately 30 square miles, the largest sub-market of the City. The Project site was identified as an ideal location for a park, meeting the 200 acre minimum size requirement and being situated in an area of rapid population growth. The need for the work proposed is to create a viable financially feasible Project to enable the completion of the proposed Bulow County Park/Long Savannah/Village Green Conceptual project Master Plan (Master Plan), including the provision of public parks and public infrastructure as envisioned by the landowners, City of Charleston, Charleston County Park and Recreation Commission (CCPRC) and other interested parties. Agreements among the parties have been executed and parts of the land use plan, have been implemented as discussed in the "Background" section of this public notice. However, access and improvements to the parklands and other public infrastructure cannot and will not be accomplished without the construction of the

associated residential and commercial components of the Project. In general, the need for the Project is supported by the projected population growth in Charleston County and surrounding areas, the desire of the City, County, and public for "smart growth" and the need to plan for growth in proximity to existing development in accordance with the long term planning goals of the City and County. The stated land use goal in the City's comprehensive plan is to "foster the sustainable growth of the city though encouraging infill, redevelopment, diverse walkable neighborhoods and park spaces, well located mixed use centers and protection of our surrounding natural and rural areas". The overall Master Plan furthers the City's vision by providing for diverse residential and commercial development to accommodate growth within the Urban Growth Boundary (UGB) and the City while establishing a permanent, +/- 1,832-acre Greenbelt accessible to the public and providing a buffer between urban development and rural lands, including the Ashley River Historic District.

Project Purpose

The purpose of the proposed Project is to provide necessary and suitable land thereby allowing construction of an economically viable master-planned, mixed use development project to meet the future needs of the City of Charleston's West Ashley sub-market and sufficient support construction of the Master Plan in accordance with agreements among the parties and municipalities. In addition, the Project purpose is to complete implementation and construction of the Master Plan, including CCPRC's largest regional park, residential, commercial and institutional land uses and associated public infrastructure to support these uses. The Project will be constructed in accordance with legally binding agreements between landowners, the City of Charleston, Charleston County and CCPRC dating from 2008. Completion of the Master Plan will provide for public benefits including, directing new growth and development within the City and adjacent to existing development and infrastructure and establishing a permanent greenbelt/public park at the UGB, limiting the potential for unsustainable urban sprawl.

Project Background

As stated in the permit application, the project area currently consists of four landholdings, including the Cuthbert Family Partnership (CFP), the right-of-way (ROW) for the Glenn McConnell Parkway Extension which is owned by Bees Resources, LP, (BR), Charleston County Park and Recreation Commission (CCPRC) and the HPH Properties, LP (HPH) (all collectively referred to as "the Project"). HPH Properties, LP has the authorization from BR to apply for the permits necessary to construct the extension of the Glenn McConnell Parkway. Long Savannah Land Company (LSLC) has a contract to purchase and develop the CFP property. HPH Properties, CCPRC and LSLC are the Applicants.

The largest portion of the project area has been owned by the Cuthbert family since 1948. As explained below, the Cuthbert family or associated entities continue to own +/- 1,182 acres while the remaining portion of the property is now owned by the City and County parks (collectively the "Cuthbert Family Land"). A Corps jurisdictional determination (SAC 81-2005-1330-2) was previously issued for the Cuthbert family lands. With this information in hand, the landowners began, in concert with the City of Charleston, Charleston County and other interested parties, the process of planning for development of the property. These efforts resulted in a land use plan for the property in 2007 that identified areas for development of neighborhoods and open space, established a new boundary for the City of Charleston and established a new Urban Growth Boundary (UGB). Refer to Figure 1 of the following attachments. Additionally, the original land use

plan made +/- 1,628 acres available to CCPRC and +/- 204 acres available to the City of Charleston for County and City Parks respectively. The City park land along with the remaining acreage owned by the Cuthbert Family was annexed into the City. This portion of the property is most commonly referred to as Long Savannah. All stormwater for this property will drain to Rantowles Creek and/or the Stono River. The above referenced Corps jurisdictional determination has expired and is no longer valid.

HPH Properties, LP (HPH) or associated entities have owned +/- 295 acres of the site since 1985. This portion of the property is part of the Village Green Planned Unit Development (PUD) and therefore most commonly referred to as Village Green. Stormwater for this property will drain to both the Stono River and Church Creek. A Corps jurisdictional determination (SAC 2008-00043) was previously issued for the HPH lands and this property was included in the Project area for planning and zoning purposes. This Corps jurisdictional determination has expired and is no longer valid.

The above referenced Corps jurisdictional determinations for the properties were used as the basis for this planning effort and decisions by landowners, local government officials and others. The results of these efforts was to direct development within the UGB and City limits of Charleston and establish a permanent, +/- 1,832-acre Greenbelt beyond the UGB.

In 2008, the CFP and HPH Landowners entered into Development Agreements with the City to memorialize the above noted obligations that included over 16 million dollars in financial commitments to construct public roads providing access to the City and County Park Lands, construction of off-site roadway improvements, installation of major utility system upgrades, contributions to community and off-site infrastructure development funds and provision of civic lands for fire and safety. The previously issued Corps jurisdictional determinations were utilized to calculate the terms of the Development Agreements. In accordance with the terms of the Development Agreement, the Cuthbert family, in 2009, closed on land sales to the City and CCPRC based upon the property lines and upland/wetland acreage identified in the previous jurisdictional determinations. The land sales were discounted by 18 million dollars in reliance with the ability to develop with remaining property inside the UGB.

In accordance with the Development Agreements the landowners have collectively made over 34 million dollars in compensatory contributions and/or commitments for the public benefit. Refer to the Compensatory Mitigation section of this public notice for a list of these contributions and commitments In addition to the obligations, reliance and rights documented in the above noted Development. Agreements between landowners, and the City, the purchase/sale agreements for the park properties also contained a number of commitments that were required of the developer, making development of the city and county parks dependent upon the development of houses and retail/commercial centers associated with the original land use plan.

At the time that the above referenced legal actions were taken, the project developers were in the process of taking the plan forward to obtain necessary state and federal permits/certifications to construct the project. However, with the onset of the economic recession, access to capital became restricted. The project was delayed and ultimately was put on hold due to the economic recession. Current evaluation of the project site by the Corps resulted in a portion of the previously identified upland areas being identified as aquatic resources today. This current wetland delineation impacts the feasibility of the Project. Consequently, the Applicants have worked closely with the Corps and other agencies, revising the project, to minimize wetland impacts. The Applicants, with this application, are requesting permits/certifications to construct the Project as approved by the parties involved in the planning approval process discussed above, without which

the financial commitment, land sales, and Development Agreements made based upon the previous jurisdictional determinations are not viable.

Site Description

The project consists of +/- 3,173 total acres comprised of 1,097 acres of uplands and +/- 1,994 acres of aquatic resources on-site based upon the current Corps verified delineation. The total aquatic resources contained within the project area originally represented approximately 42% of the total site area. A current evaluation of the site by the Corps indicates that 758.9 acres of previously identified uplands are now identified as aquatic resources and therefore should be considered as such within the scope of the Project. These added areas are located above the bottomland hardwood wetlands and are a transition to the uplands. The landowners have worked in concert with the agencies to minimize the impacts to these additional acres which will now increase the total of aquatic resources to approximately 63% of the total site area.

Avoidance and Minimization

Efforts to avoid and minimize potential impacts to aquatic resources began in the initial regional planning stages with relocation of the UGB and annexation of lands into the City of Charleston, utilizing the natural characteristics of the land and, in particular, verified delineation of uplands and wetlands by the Corps. Decisions by the City, County, CCPRC and landowners at the time directed the residential and commercial components of the Project to upland areas as well as areas more suitable for urban/suburban growth and development where adequate infrastructure and services were available. Providing for greater density of development accessible to necessary infrastructure and services serves to limit urban sprawl beyond the UGB and minimize the potential for future impacts to aquatic resources.

The original land use plan (referred to as the DK Plan) for the project, based upon previous jurisdictional determinations, had minimal fill impact to aquatic resources as the primary points of impact were limited to the road crossings. These impacts associated with road crossings totaled +/- 12 acres of wetland impacts. While no other fill was proposed, the DK Plan included potential unidentified impacts to an additional +/- 122 acres of wetlands for stormwater management.

The current wetland delineation of 758.9 acres of wetlands that were previously determined to be uplands causes a shift in the development impacts from the DK Plan, resulting in +/- 653 acres of wetlands. The Applicant revised the DK Plan in an effort to avoid and minimize the impacts to the extent practical. The revised plan is referred to as the SWA Plan. The result of this planning effort was that of the 758.9 acres of wetlands identified, 437.98 acres (or 58%) of these areas were avoided through plan adjustments and modifications, reducing impacts to +/- 321 acres of wetlands. Specifically, the DK Plan was adjusted to remove all fill from the 100-year flood plain of Church Creek, and wetlands whose shape or location made use of that area cost prohibitive, were avoided.

Upon completion of the SWA Plan, the Applicants conducted a meeting with the Corps and other regulatory/review agencies. The agencies recommended additional avoidance and minimization and development of a robust mitigation plan. The goal of this effort was to create a more efficient plan, with the least impact to aquatic resources that would accomplish the Project purpose. This revised plan proposed 275.85 acres of impact to wetlands. Central to the Project and to meeting the Project purpose and need is to create a financially viable Project –in particular, to meet the demand for housing in West Ashley. To accomplish this, the housing product for the area must be

affordable and have a median price of \$333,500. Without a viable residential development component, the Project purpose and need to fulfill the commitments to CCPRC and others cannot be met.

The original delineations and DK plan provided for a residential component of the project capable of meeting financial commitments and agreements. This was based upon sufficient upland to support construction of 6,000 residential units and the necessary infrastructure and commitments to CCPRC and others as described could be carried by the future residential and commercial sales. Using the original acreages and current development costs the average house price would be established as \$338,834, which is consistent with and near the affordable housing median for West Ashley. An alternative project would use the current upland acreage while limiting the wetland impacts to primarily road crossings causes the housing price to rise 50% to \$497,305 exceeding the affordable housing median for West Ashley. This increase is due to a reduction in the number of houses that could be constructed on the available uplands. As many of the commitments associated with CCPRC and other local interests have already been established, these financial commitments do not change with the number of houses.

Using the current wetland delineation, the Applicants have worked to adjust and modify the original DK Plan to avoid and minimize impacts to the extent practical while maintaining a viable project. Avoidance and minimization efforts include:

1. The total acreage of newly delineated wetlands is 758.9. Of this total, the Applicants seek to impact, through fill or excavation, 224.74 acres of wetlands. The remaining 534.16 acres (or 70%) of wetlands are being avoided and are being proposed to be protected. Of the original identified wetlands, the Applicants seek to impact, through fill or excavation, 51.11 acres of wetlands. The proposed wetland impacts total 275.85 acres.

2. In total, 1,788 acres of wetlands are avoided and will be perpetually protected by deed restrictive covenants or third party conservation easement.

3. 93.55 acres of upland buffers will be preserved and will be protected by deed restrictive covenants or third party conservation easement.

4. All development fill and stormwater impacts within the 100 year flood plain of Church Creek have been eliminated with the exception of impacts necessary for the spine road construction and connection.

5. Road crossings have been placed within footprints of existing roads where feasible.

6. Road crossings have been reduced to the minimum width necessary to meet state and local standards.

7. Utilities have been included within the footprint of proposed road crossings.

8. Where possible, existing forest roads have been converted to pedestrian boardwalks thereby eliminating fill for construction of new trails.

9. The park lake has been designed to minimize impact and to preserve and allow the phosphate mining history to be used for historical interpretation.

10. Cultural resources within the site have been identified and will be researched and/or preserved

in place.

11. 1,832 acres of original project site have been conveyed to the City and CCPRC establishing a permanent greenbelt at the UGB.

12. Adequate culverts will be placed in all proposed road crossings to accommodate existing and anticipated water flows, to maintain and enhance sheet flow through the wetlands and prevent flooding of adjacent uplands properties. The project engineer will design appropriately sized culverts to maintain the functional characteristics at each road crossing as part of the comprehensive stormwater management plan for the project.

Compensatory Mitigation

The objectives of the Mitigation Plan, as proposed by the Applicants, are to provide preservation and protection of important aquatic resources that are capable of providing environmental benefits within the respective watersheds, establish a greenbelt at the UGB and contribute significant monetary and land resource to benefit the public interest. The Applicants are proposing, as compensatory mitigation for the unavoidable loss of 275.85 acres of wetlands, the on-site preservation of 1,792.57 acres of wetlands and 99.55 acres of associated buffers. As part of the proposed compensatory mitigation, the Applicants are also including the legally binding development and annexation agreements between landowners, the City and CCPRC, relocating the municipal boundary and UGB, making properties available for and purchased by the City and CCPRC parklands at a discounted price, providing funding for public infrastructure and establishing a permanent, +/- 1,832-acre Greenbelt between the City and rural lands, including the Ashley River Historic District. The Greenbelt includes 1,051 acres of wetlands and 781 acres of uplands.

The Applicants have provided, or have committed to provide, through long term Development Agreements and other agreements, contributions beneficial to the public including:

1. Re-location of the Urban Growth Boundary (UGB): The UGB was relocated directing new growth and development in accordance with City and County Comprehensive Land Use Plans and adjacent to existing development and infrastructure. Relocation of the UGB establishes a permanent Greenbelt between urban areas planned for development and rural lands to the north and west, including the Ashley River Historic District.

2. Annexation into the City of Charleston: Consistent with the relocated UGB, developable lands adjacent to existing development and infrastructure were annexed into the City, limiting the potential for urban sprawl and expanding the City's tax base.

3. Land sales to the public: Land sales in 2009 to CCPRC (1,628 acres) and the City of Charleston (204 acres) were discounted \$16,765,000 from fair market value. Additionally, provisions of the land sales to CCPRC and the City of Charleston included commitments by the developer to construct infrastructure for access to and development of the parklands, including, stormwater and utilities, as well as construction of a recreational lake on CCPRC lands and 200,000 cubic yards of suitable fill material for use by CCPRC.

4. Red Top: A Memorandum of Understanding (MOU) with the community of Red Top was executed May 23, 2007, providing for a \$1,000,000 contribution to the Red Top Improvement Association and Infrastructure Connectivity with adjacent communities, among other commitments.

5. Transportation: Development Agreements between the parties memorialized an estimated \$16,000,000 commitment to public infrastructure, including extension of the Glenn McConnell Parkway and access to CCPRC parklands.

6. Civic Sites: Dedication of lands for a police, fire and EMS facility.

7. Schools: To make available up to 25 acres for purposes of constructing an elementary/middle school campus and commitments to provide contributions to the school district of \$400 per dwelling unit.

8. Workforce housing.

In addition to completing long range planning goals and obligations of the City and County, this landscape scale conservation plan includes functional wetland and upland ecosystems that provide aquatic resource functions and services, including floodwater storage, wildlife habitat and water quality protections that are important to the watershed and regionally. The Master Plan will protect not only wetlands but also adjacent upland habitats, providing buffers to aquatic resources. The conservation of the resources as proposed will provide important physical, chemical and biological services and functions and contribute significantly to the ecological sustainability of the Church Creek, Rantowles Creek and Stono River Watersheds downstream and traditional navigable waters.

The majority of the Project site (87.7%) is located within the Stono River Watershed, HUC 03050202 with the remaining balance (12.3%) being in the Cooper River Watershed, HUC 03050201. Refer to Sheet 5 of the following attachments. According to RIBITS and other readily available information, these banks currently have a total of +/- 1,100 credits available for sale. Additionally, considering the current pace of economic growth and development within these watersheds and the demand for mitigation credits, by the time the permit application is processed to a conclusion, the applicant believes that these banks will have significantly less available credits. It is, therefore, reasonable to anticipate that these existing banks will not have credits available sufficient to satisfy the mitigation requirements of the project. In that event, the Applicants believe that Permittee Responsible Mitigation (PRM) is the only option.

The Applicants proposed a watershed approach through on-site and in-kind mitigation to be accomplished through preservation of what the applicant believes are regionally important aquatic resources in combination with significant contributions to benefit the public interests, including, establishing a permanent 1,832 acre greenbelt between the UGB and development of the City of Charleston and rural lands to the north and west of the City, including, the Ashley River Historic District. The Applicants believe it is clear, that the public interest is best served by spending available resources here in lieu of acquiring mitigation credits or restoring and/or preserving additional lands off site. The Applicants believe that the mitigation site proposed is consistent with the 2008 Mitigation Rule preservation criteria. The Applicants believe that the proposed mitigation fully compensates for impacts at the Project Site, by virtue of the aquatic, cultural and historic resources to be preserved in combination with the commitments beneficial to the public interest that are memorialized in Development Agreements, annexation agreements and land transactions by and between the parties referenced in this public notice.

Stormwater

The drainage system for the Project will appropriately accommodate stormwater through the construction of retention and detention facilities and implementation of various stormwater conveyance structures including pipes, swales and existing ditches. The stormwater system will be designed to meet all applicable local and state regulations. Specifically, these conveyances will be engineered, designed and constructed to accommodate existing and anticipated future water flows without affecting adjacent upstream or downstream properties or wetland systems. An extensive stormwater management study for this project has been conducted by the project engineer.

The majority of the Project site (87.7%) is located within the Stono River Watershed, HUC 03050202 with the remaining balance (12.3%) being in the Cooper River Watershed, HUC 03050201. Due to the proximity if the Project to the Church Creek Basin, an extensive stormwater management study was performed. Once the Project is developed, approximately 99 acres of the Church Creek Watershed will be rerouted to the Stono River. Refer to Sheet 5 of the following attachments.

The stormwater management system is designed to provide erosion and sediment controls, stormwater quality controls, and stormwater conveyance controls. These controls will be managed by a drainage system that includes detention ponds, vegetated buffers and undisturbed areas, pervious surface materials where existing subgrade conditions allow for infiltration, swales, limiting impacts to the existing network of jurisdictional wetlands onsite, and other various Best Management Practices. All stormwater detention and controls will be provided onsite within the project area. Based on the findings of the drainage analysis calculations, the onsite stormwater management system proposed is adequately sized to detain 2, 10, 25, 50 and 100 year 24-hour storm events onsite, and to release flowrates less than the pre-development rates for all storm events. This analysis represents that development will have no flooding or increased runoff impacts to the adjacent properties, both upstream and downstream. All drainage facilities and land-disturbance planned for the development must be approved by the City of Charleston MS4/Stormwater Department and South Carolina Department of Health and Environmental Control.

Forest Management

As build-out of the Project is anticipated to occur over a 30-year, it is necessary to continue existing silviculture practices within managed forests on undeveloped areas of the project, including but not limited to thinning, prescribed burning, harvesting, site preparation and planting. For this reason, it will be necessary to maintain the network of existing silviculture roads in undeveloped portions of the Project area. Existing forest roads have been documented as being built prior to 1973 or have been included as impact where appropriate. Roads that will continue to be used for silvicultural management have also been noted.

NOTE: This public notice and associated plans are available on the Corps' website at: http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices .

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance

with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact **275.85** acres of freshwater non-tidal wetlands upstream and adjacent to estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information that the project will have <u>no effect</u> on any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(*I*)(1)), and has initially determined that historic properties, are present; moreover, these historic properties may be affected by the undertaking. This public notice serves to notify the State Historic Preservation Office that the Corps plans to initiate Section 106 consultation on these historic properties. Individuals or groups who would like to be consulting parties for the purposes of the NHPA should make such a request to the Corps in writing within 30 days of this public notice. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and other interested parties to provide any information they may have with regard to historic properties.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

REGULATORY DIVISION SAC-2015-00012

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

U.S. Army Corps of Engineers ATTN: REGULATORY DIVISION 69A Hagood Avenue Charleston, SC 29403-5107

If there are any questions concerning this public notice, please contact Tracy D. Sanders, Project Manager, at (843) 329-8190 or toll free at 1-866-329-8187.



Figure 1





PROJECT TOTALS	
Project Area	3172.64 ac
Total Upland	1097.02 ac
Total Freshwater Wetland	1993.92 ac
Total Critical Area	81.70 ac
Impacts within Current JD Interpretation	
Development Fill	106.01 ac
Stormwater Excavation	43.94 ac
Road/Utility Crossing Fill	23.19 ac
Phosphate Mine Development Fill	22.89 ac
Phosphate Mine Road/Utility Crossing	2.73 ac
Phosphate Mine Stormwater Excavation	25.98 ac
Impacts within Original JD Area	
Development Fill	12.48 ac
Stormwater Excavation	29.47 ac
Road/Utility Crossing Fill	9.16 ac
Total Wetland Preservation (includes critical area)	1791.57 ac
Wetland Buffer	93.55 ac
Total Phosphate Mine Area (50% Upland, 50% Wetland)	245.31 ac
Boardwalk Crossings	5450 LF
Wetlands within existing utility easements	8.20 ac

Long Savannah (Cuthbert Family Partnership c/o Long Savannah Land Co.)		Village Green (HPH Properties)		
Project Area	1182.23 ac	Project Area	295.36 ad	
Total Upland	554.41 ac	Total Upland	160.20 ad	
Total Freshwater Wetland	627.82 ac	Total Freshwater Wetland	135.16 ac	
Total Critical Area	0.00 ac	Total Critical Area	0.00 ad	
Impacts within Current JD Interpretation		Impacts within Current JD Interpretation		
Development Fill	88.30 ac	Development Fill	17.71 ad	
Stormwater Excavation	28.16 ac	Stormwater Excavation	11.53 ac	
Road/Utility Crossing Fili	5.79 ac	Road/Utility Crossing Fill	4.86 ac	
Phosphate Mine Development Fili	0.00 ac	Phosphate Mine Development Fili	0.00 ac	
Phosphate Mine Road/Utility Crossing	0.00 ac	Phosphate Mine Road/Utility Crossing	0.00 ac	
Phosphate Mine Stormwater Excavation	0.00 ac	Phosphate Mine Stormwater Excavation	0.00 ac	
Impacts within Original JD Area		Impacts within Original JD Area		
Development Fill	9.85 ac	Development Fill	2.63 ac	
Stormwater Excavation	29.02 ac	Stormwater Excavation	0.45 ad	
Road/Utility Crossing Fill	7.40 ac	Road/Utility Crossing Fill	0.00 ad	
Total Wetland Preservation (includes critical area)	451.97 ac	Total Wetland Preservation (includes critical area)	97.11 ac	
Wetland Buffer	6.92 ac	Wetland Buffer	0.00 ac	
Total Phosphate Mine Area (50% Upland, 50% Wetland)	0.00 ac	Total Phosphate Mine Area (50% Upland, 50% Wetland)	0.00 ac	
Boardwalk Crossings	OLF	Boardwalk Crossings	0 LF	
Wetlands within existing utility easements	7.33 ac	Wetlands within existing utility easements	0.87 ac	

Bulow Park (CCPRC)		Glenn McConnell Extension (Bees Resources, LP c/o HPH Properties)		
Project Area	1657.12 ac	Project Area	37.93 ac	
Total Upland	355.61 ac	Total Upland	26.80 ac	
Total Freshwater Wetland	1219.81 ac	Total Freshwater Wetland	11.13 ac	
Total Critical Area	81.70 ac	Total Critical Area	0.00 ac	
Impacts within Current JD Interpretation		Impacts within Current JD Interpretation		
Development Fill	0.00 ac	Development Fill	0.00 ac	
Stormwater Excavation	0.00 ac	Stormwater Excavation	4.25 ac	
Road/Utility Crossing Fill	5.66 ac	Road/Utility Crossing Fill	6.88 ac	
Phosphate Mine Development Fill	22.89 ac	Phosphate Mine Development Fill	0.00 ac	
Phosphate Mine Road/Utility Crossing	2.73 ac	Phosphate Mine Road/Utility Crossing	0.00 ac	
Phosphate Mine Stormwater Excavation	25.98 ac	Phosphate Mine Stormwater Excavation	0.00 ac	
Impacts within Original JD Area		Impacts within Original JD Area		
Development Fill	0.00 ac	Development Fill	0.00 ac	
Stormwater Excavation	0.00 ac	Stornwater Excavation	0.00 ac	
Road/Utllity Crossing Fill	1.76 ac	Road/Utility Crossing Fill	0.00 ac	
Total Wetland Preservation (includes critical area)	1242.49 ac	Total Wetland Preservation (includes critical area)	0.00 ac	
Wetland Buffer	86.63 ac	Wetland Buffer	0.00 ac	
Total Phosphate Mine Area (50% Upland, 50% Wetland)	245.31 ac	Total Phosphate Mine Area (50% Upland, 50% Wetland)	0.00 ac	
Boardwalk Crossings	5450 LF	Boardwalk Crossings	0 LF	
Wetlands within existing utility easements	0.00 ac	Wetlands within existing utility easements	0.00 ac	

Bulow County Park, Long Savannah, and Village Green APPLICANT: Charleston County Park and Recreation Commission, Long Savannah Land Company, HPH Properties, LP COUNTY: CHARLESTON COUNTY PROJECT #: 7200 DATE: 11/30/2017

PROJECT SUMMARY





















DATE: 11/30/2017

SEAMONWHITESIDE

10












































SEAMONWHITESIDE

DATE: 11/30/2017

SCALE: 1"=400'

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PROJECT #: 7200 DATE: 11/30/2017

SEAMONWHITESIDE

PLAN & CROSS SECTION



































Bulow County Park, Long Savannah, and Village Green APPLICANT: Charleston County Park and Recreation Commission, Long Savannah Land Company, HPH Properties, LP COUNTY: CHARLESTON COUNTY PROJECT #: 7200 DATE: 11/30/2017 WETLAND EXCAVATION CROSS SECTION

77



Typical Jurisdictional Wetland Fill (NOT TO SCALE)



Bulow County Park, Long Savannah, and Village Green APPLICANT: Charleston County Park and Recreation Commission, Long Savannah Land Company, HPH Properties, LP COUNTY: CHARLESTON COUNTY PROJECT #: 7200 DATE: 11/30/2017 WETLAND FILL CR

WETLAND FILL CROSS SECTION



LABEL	LENGTH [FT]	PROJECT	WETLAND TYPE	ACTIVITY TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
CC-BW-:1	738	CC	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	9150	12
CC-BW-:2	983	cc	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	9150	17
CC-BW- : 3	1870	cc	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	6990	19
CC-BW-:4	194	CC	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	8620	20
CC-BW- : 5	720	CC	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	9150	25
CC-BW- : 6	85	CC	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	1386	25
CC-BW-:7	430	CC	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	2000	25
CC-BW-:8	430	CC	JD FORESTED WETLAND	BOARDWALK	RANTOWLES CREEK	3200	25

TOTAL LF 5450

LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
CC-PE-:3	51.94	CC	JD FORESTED WETLAND	PHOSPHATE EXCAVATION	RANTOWLES CREEK	9150	12
CC-PE- : 10	0.021	CC	JD FORESTED WETLAND	PHOSPHATE EXCAVATION	RANTOWLES CREEK	9150	13

TOTAL 25.98

LA	BEL	ACRES	PROJECT	WETLAND TYPE	Ι ΜΡΑCΤ ΤΥΡΕ	DRAINAGE BASIN (RECEIVING WATER BODY)	TO RWB [FT]	KEY SHEET
CC-F	PF-:2	35.89	22	JD FORESTED WETLAND	PHOSPHATE DEVELOPMENT FILL	RANTOWLES CREEK	9150	12
CC-F	PF-:5	8.2	cc	JD FORESTED WETLAND	PHOSPHATE DEVELOPMENT FILL	RANTOWLES CREEK	9150	13
CC-F	PF-:8	0.77	CC	JD FORESTED WETLAND	PHOSPHATE DEVELOPMENT FILL	RANTOWLES CREEK	9150	13
CC-F	PF-:9	0.28	CC	JD FORESTED WETLAND	PHOSPHATE DEVELOPMENT FILL	RANTOWLES CREEK	9150	13
CC-P	F-:11	0.531	CC	JD FORESTED WETLAND	PHOSPHATE DEVELOPMENT FILL	RANTOWLES CREEK	9150	13
CC-P	F-:16	0.104	CC	JD FORESTED WETLAND	PHOSPHATE DEVELOPMENT FILL	RANTOWLES CREEK	9150	12

TOTAL 22.89

LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
CC-PRC-:1	1.96	22	JD FORESTED WETLAND	PHOSPHATE ROAD CROSSING	RANTOWLES CREEK	9175	12
CC-PRC- : 24	1.462	22	JD FORESTED WETLAND	PHOSPHATE ROAD CROSSING	RANTOWLES CREEK	7660	14
CC-PRC- : 25	2.028	22	JD FORESTED WETLAND	PHOSPHATE ROAD CROSSING	RANTOWLES CREEK	7660	14
CC-PRC- : 26	0.013	CC	JD FORESTED WETLAND	PHOSPHATE ROAD CROSSING	RANTOWLES CREEK	7660	14

TOTAL 2.73



LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
CC-RC-:1	0.563	22	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	3470	11
CC-RC- : 2	0.05	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	3230	18
CC-RC- : 3	0.079	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	3190	18
CC-RC- : 5	0.288	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	850	18
CC-RC- : 6	1.146	22	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	265	18
CC-RC- : 7	0.022	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	940	26
CC-RC- : 8	0.002	22	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	940	26
CC-RC- : 9	0.031	22	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1590	25
CC-RC- : 10	0.031	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1590	25
CC-RC- : 11	0.487	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1350	25
CC-RC- : 12	0.434	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1350	25
CC-RC- : 13	0.123	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	2740	26
CC-RC- : 14	0.11	22	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	2740	26
CC-RC- : 15	0.064	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4940	27
CC-RC- : 16	2.162	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4940	34
CC-RC- : 17	0.202	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4940	27
CC-RC- : 18	0.104	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4940	34
CC-RC- : 19	0.048	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4940	34
CC-RC- : 20	0.178	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	5520	27
CC-RC- : 21	0.199	cc	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	5520	27
CC-RC- : 22	0.367	CC	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	8350	10
CC-RC- : 23	0.362	20	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	8350	10
CC-RC- : 27	0.364	22	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	2620	18

TOTAL 7.42

LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
GM-E-:1	0.333	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	5660	24
GM-E-:2	0.128	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	5260	24
GM-E-:3	0.861	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	4640	24
GM-E-:4	0.698	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	4260	24
GM-E- : 5	0.342	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	2880	32
GM-E-:6	0.009	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	2640	32
GM-E-:7	1.39	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	1955	32
GM-E-:8	0.367	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	1500	32
GM-E- : 9	0.106	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	1310	32
GM-E- : 10	0.016	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	1085	33
GM-E- : 11	0.003	GM	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	1085	33

TOTAL 4.25



LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
GM-RC- : 12	0.257	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	5660	24
GM-RC- : 13	0.037	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	5660	24
GM-RC- : 14	0.144	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	5470	24
GM-RC- : 15	0.224	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	5260	24
GM-RC- : 16	0.077	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	5260	24
GM-RC- : 17	0.813	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	4640	24
GM-RC- : 18	0.184	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	4880	24
GM-RC- : 19	0.077	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	4640	24
GM-RC- : 20	0.034	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	4255	24
GM-RC- : 21	0.272	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	4255	24
GM-RC- : 22	0.476	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	4255	24
GM-RC- : 23	0.38	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	2880	24
GM-RC- : 24	0.146	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	2880	32
GM-RC- : 25	0.069	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	2640	32
GM-RC- : 26	0.08	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	2470	32
GM-RC- : 27	1.366	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1950	32
GM-RC- : 28	0.543	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1950	32
GM-RC- : 29	0.14	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1500	32
GM-RC- : 30	0.047	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1500	32
GM-RC- : 31	0.019	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1500	32
GM-RC- : 32	0.532	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1500	32
GM-RC- : 33	0.237	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1310	32
GM-RC- : 34	0.015	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1310	32
GM-RC- : 35	0.624	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1085	33
GM-RC- : 36	0.085	GM	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1085	33

TOTAL 6.878

ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
1.533	НРН	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	850	23
1.122	HPH	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	3700	15
3.352	HPH	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	2730	15
0.291	HPH	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	1660	15
5.681	HPH	JD FORESTED WETLAND	EXCAVATION	CHURCH CREEK	1235	24
	ACRES 1.533 1.122 3.352 0.291 5.681	1.533 HPH 1.122 HPH 3.352 HPH 0.291 HPH	1.533HPHJD FORESTED WETLAND1.122HPHJD FORESTED WETLAND3.352HPHJD FORESTED WETLAND0.291HPHJD FORESTED WETLAND	1.533 HPH JD FORESTED WETLAND EXCAVATION 1.122 HPH JD FORESTED WETLAND EXCAVATION 3.352 HPH JD FORESTED WETLAND EXCAVATION 0.291 HPH JD FORESTED WETLAND EXCAVATION	ACRES PROJECT WETLAND TYPE IMPACT TYPE (RECEIVING WATER BODY) 1.533 HPH JD FORESTED WETLAND EXCAVATION CHURCH CREEK 1.122 HPH JD FORESTED WETLAND EXCAVATION CHURCH CREEK 3.352 HPH JD FORESTED WETLAND EXCAVATION CHURCH CREEK 0.291 HPH JD FORESTED WETLAND EXCAVATION CHURCH CREEK	ACRESPROJECTWETLAND TYPEIMPACT TYPE (RECEIVING WATER BODY)TO RWB [FT]1.533HPHJD FORESTED WETLANDEXCAVATIONCHURCH CREEK8501.122HPHJD FORESTED WETLANDEXCAVATIONCHURCH CREEK37003.352HPHJD FORESTED WETLANDEXCAVATIONCHURCH CREEK27300.291HPHJD FORESTED WETLANDEXCAVATIONCHURCH CREEK1660

TOTAL 11.979



LAE	BEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
HPH	-F:1	0.548	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	560	23
HPH	-F : 2	0.068	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	760	23
HPH	-F : 3	0.373	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	1170	23
HPH	-F:4	0.232	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	900	23
HPH	-F : 5	0.153	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	1120	23
HPH	-F:6	0.521	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	1375	23
HPH	-F:7	1.861	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	1690	23
HPH	-F:8	2.051	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5275	22
HPH	-F:9	1.200	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	2260	15
HPH-	F : 10	0.566	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	4440	15
HPH-	F : 11	1.880	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	3460	15
HPH-	F : 12	2.750	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	3015	15
HPH-	F : 13	0.757	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	2950	15
HPH-	F:14	5.670	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	1295	24
HPH-	F : 15	0.420	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	2470	15
HPH-	F : 16	0.683	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	CHURCH CREEK	1660	23
HPH-	F:27	0.366	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4930	23
HPH-	F : 53	0.243	НРН	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1660	15

TOTAL 20.34

LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	TO RWB [FT]	KEY SHEET
HPH-RC- : 24	0.691	НРН	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1240	23
HPH-RC- : 25	0.53	HPH	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	2480	15
HPH-RC- : 26	3.64	HPH	JD FORESTED WETLAND	ROAD CROSSING	CHURCH CREEK	1450	16

TOTAL 4.86

LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-E- : 120	1.323	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6050	14
LS-E- : 121	1.194	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6090	14
LS-E- : 122	0.225	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6400	14
LS-E- : 123	0.236	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6400	14
LS-E- : 124	0.364	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6200	19
LS-E- : 125	1.546	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5500	20
LS-E- : 126	0.553	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6140	20
LS-E- : 127	0.094	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	9110	20
LS-E- : 128	7.213	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5560	20
LS-E- : 129	0.493	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	8015	21



LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-E- : 130	0.682	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	8355	21
LS-E- : 131	0.184	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	7140	21
LS-E- : 132	0.184	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6770	21
LS-E- : 133	0.603	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5150	21
LS-E- : 134	0.268	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6510	21
LS-E- : 135	1.03	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6425	21
LS-E- : 136	0.205	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	4840	22
LS-E- : 137	0.158	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3930	22
LS-E- : 138	0.337	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3930	22
LS-E- : 139	0.56	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	2815	22
LS-E- : 140	1.187	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	2630	22
LS-E- : 141	2.787	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	2720	22
LS-E- : 142	0.758	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3930	22
LS-E- : 143	0.985	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	4360	22
LS-E- : 144	1.9	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3765	22
LS-E- : 145	3.278	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5280	22
LS-E- : 146	4.368	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	4185	23
LS-E- : 147	0.864	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3450	23
LS-E- : 148	0.26	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	1500	26
LS-E- : 149	1.143	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5026	26
LS-E- : 150		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	2460	26
LS-E- : 151		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3380	27
LS-E- : 152	0.265	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5090	27
LS-E- : 153	0.19	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	4750	27
LS-E- : 154		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	4350	27
LS-E- : 155		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5850	27
LS-E- : 156		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5070	27
LS-E- : 157	0.056	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5520	27
LS-E- : 158		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5520	27
LS-E- : 159		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5810	27
LS-E- : 160		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5810	27
LS-E- : 161		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	5120	28
LS-E- : 162		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	4090	28
LS-E- : 163		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	4080	28
LS-E- : 164		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3535	28
LS-E- : 165		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3535	28
LS-E- : 167		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	1120	28
LS-E- : 168		LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3170	29
LS-E- : 169		LS	JD FORESTED WETLAND		RANTOWLES CREEK	3220	29



LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-E- : 170	0.037	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3490	29
LS-E- : 171	0.024	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	3505	29
LS-E- : 172	0.223	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	2070	29
LS-E- : 173	1.164	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	1970	30
LS-E- : 174	0.427	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	2110	30
LS-E- : 400	0.93	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	1775	28
LS-E- : 330	0.031	LS	JD FORESTED WETLAND	EXCAVATION	RANTOWLES CREEK	6770	21

TOTAL 57.18

LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-F-:1	2.873	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1500	26
LS-F-:2	0.82	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2420	26
LS-F-:3	0.353	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2705	26
LS-F- : 4	0.005	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2550	26
LS-F- : 5	0.486	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3300	27
LS-F- : 6	0.026	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4150	27
LS-F-:7	1.597	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4250	27
LS-F- : 8	0.578	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3480	27
LS-F-:9	0.218	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5090	27
LS-F- : 10	0.032	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5000	27
LS-F- : 11	0.087	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4350	27
LS-F- : 12	0.217	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4940	27
LS-F- : 13	0.001	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5030	26
LS-F- : 14	0.084	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2950	19
LS-F- : 15	0.199	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4750	27
LS-F- : 16	0.385	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4350	27
LS-F- : 17	0.328	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5850	19
LS-F- : 18	0.015	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5360	27
LS-F- : 19	0.255	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5590	27
LS-F- : 20	0.072	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5515	27
LS-F- : 21	0.013	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5515	27
LS-F- : 22	2.994	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5810	27
LS-F- : 23	0.031	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5810	27
LS-F- : 24	0.022	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4290	27
LS-F- : 25	3.59	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4270	27
LS-F- : 26	1.579	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4250	28
LS-F- : 27	0.014	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5070	27
LS-F- : 28	0.1	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5070	27
LS-F- : 29		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5430	19



LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-F- : 30	0.124	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6200	19
LS-F- : 31	0.199	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5120	28
LS-F-: 32	0.274	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5120	28
LS-F- : 33	0.919	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4575	28
LS-F-: 34	0.187	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4080	28
LS-F- : 35	1.16	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3185	28
LS-F- : 36	5.554	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3535	28
LS-F- : 37	0.217	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3535	28
LS-F- : 38	0.847	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3535	28
LS-F- : 39	0.199	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3535	28
LS-F- : 40	0.099	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3535	28
LS-F- : 41	0.127	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3535	28
LS-F- : 42	0.195	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1620	29
LS-F- : 43	2.546	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1620	29
LS-F- : 44	4.842	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	8355	21
LS-F- : 45	0.069	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7880	21
LS-F- : 46	0.024	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7880	21
LS-F- : 47	0.778	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	8020	20
LS-F- : 48	0.505	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	8020	20
LS-F- : 53	0.587	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5560	20
LS-F- : 54	0.017	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5560	20
LS-F- : 55	0.05	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5560	20
LS-F- : 56	0.133	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	9110	20
LS-F- : 57	0.164	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6130	20
LS-F- : 59	0.436	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7070	20
LS-F- : 60	0.03	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5400	20
LS-F- : 61	3.523	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5600	20
LS-F- : 62	0.912	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	8040	20
LS-F- : 63	0.315	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7150	21
LS-F- : 64	0.687	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7120	21
LS-F- : 65	0.139	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7360	21
LS-F- : 66	6.198	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7360	21
LS-F- : 67	0.114	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5920	21
LS-F- : 68	0.147	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6510	21
LS-F- : 69	0.384	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6435	21
LS-F- : 70		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3470	29
LS-F- : 71	0.214	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2650	30
LS-F- : 72	0.94	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2000	30
LS-F- : 74	7.096	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2110	22



LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-F- : 75	0.376	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3950	22
LS-F- : 76	0.146	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4840	22
LS-F- : 77	1.024	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4790	21
LS-F- : 78	0.016	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5150	21
LS-F- : 79	0.19	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5150	21
LS-F- : 80	0.342	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1965	30
LS-F- : 81	1.447	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	775	30
LS-F- : 82	3.092	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2290	22
LS-F- : 83	0.011	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2560	22
LS-F- : 84	0.005	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2720	22
LS-F- : 85	2.472	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2630	22
LS-F- : 86	0.204	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3245	22
LS-F- : 87	0.088	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3450	22
LS-F- : 88	4.453	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3930	22
LS-F- : 89	0.085	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4430	22
LS-F- : 90	6.082	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4550	22
LS-F- : 91	0.33	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4640	22
LS-F- : 92	1.75	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4985	22
LS-F- : 93	0.034	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4360	22
	0.013	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3770	22
LS-F- : 95	0.002	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3770	22
LS-F- : 96	2.199	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3450	23
LS-F- : 97		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3450	23
LS-F- : 98	1.057	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4190	23
LS-F- : 99		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4190	23
LS-F- : 100		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4900	23
LS-F- : 101		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5150	22
LS-F- : 102	1.2	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3350	14
LS-F- : 103		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6400	14
LS-F- : 104		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6400	14
LS-F- : 105		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6050	14
LS-F- : 106		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	9110	20
LS-F- : 107		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3220	29
LS-F- : 108		LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3550	29
LS-F- : 108		LS	JD FORESTED WETLAND		RANTOWLES CREEK	3550	29
LS-F- : 110		LS	JD FORESTED WETLAND		RANTOWLES CREEK	3505	29
LS-F- : 113		LS	JD FORESTED WETLAND		RANTOWLES CREEK	670	31
LS-F- : 113		LS	JD FORESTED WETLAND		RANTOWLES CREEK	2720	22
W-L- : 114	0.001	LS		DEVELOPMENT FILL	RANTOWLES CREEK	4360	22



LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-F- : 323	0.03	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	2850	23
LS-F- : 118	0.004	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	4190	30
LS-F- : 119	0.214	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1440	29
LS-F- : 166	4.568	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1770	28
LS-F- : 331	0.687	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6840	21
LS-F- : 332	0.293	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	6840	21
LS-F- : 336	0.117	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	3930	22
LS-F- : 337	0.093	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1115	29
LS-F- : 338	0.05	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	1115	29
LS-F- : 339	0.867	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	5650	21
LS-F- : 340	0.081	LS	JD FORESTED WETLAND	DEVELOPMENT FILL	RANTOWLES CREEK	7600	22

TOTAL 98.15

LABEL	ACRES	PROJECT	WETLAND TYPE	IMPACT TYPE	DRAINAGE BASIN (RECEIVING WATER BODY)	DISTANCE TO RWB [FT]	KEY SHEET
LS-RC- : 175	0.336	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	7075	20
LS-RC- : 176	0.542	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4630	22
LS-RC- : 177	1.301	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	3450	22
LS-RC- : 178	0.583	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4270	27
LS-RC- : 179	0.927	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	4300	28
LS-RC- : 181	0.291	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1440	29
LS-RC- : 182	1.37	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	3170	29
LS-RC- : 183	0.84	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	2850	30
LS-RC- : 184	1.936	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1950	30
LS-RC- : 185	1.078	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	250	30
LS-RC- : 186	0.174	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1340	35
LS-RC- : 188	0.023	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	7660	14
LS-RC- : 189	0.019	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	7660	14
LS-RC- : 324	3.33	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1900	28
LS-RC- : 327	0.219	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1850	35
LS-RC- : 328	0.202	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	1500	35
LS-RC- : 329	0.02	LS	JD FORESTED WETLAND	ROAD CROSSING	RANTOWLES CREEK	8350	20

TOTAL

13.19

