

**JOINT**  
**PUBLIC NOTICE**

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

REGULATORY DIVISION  
Refer to: P/N #2003-1G-366

7 MAY 2004

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), an application has been submitted to the Department of the Army and the South Carolina Department of Health and Environmental Control by

**THE CITY OF GREENVILLE**  
**C/O CHRIS GROSE**  
**ENVIRONMENTAL PERMITTING CONSULTANTS, INC.**  
**POST OFFICE BOX 3744**  
**GREENVILLE, SOUTH CAROLINA 29608**

for a permit to place fill material in

**AN UNNAMED TRIBUTARY OF THE REEDY RIVER**

at a location, off of the eastern (left) side of Pleasantburg Drive approximately 1.6 miles from the intersection of Pleasantburg Drive and Interstate 385, Greenville, Greenville County, South Carolina.  
(Latitude 34.8360124° - Longitude 82.3659531°)

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 both of the above mentioned offices until

**12 O'CLOCK NOON, MONDAY, JUNE 7, 2004**

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

The proposed work consists of placing fill material in 0.166 acres of waters of the United States, including 443 linear feet of stream channel, for the renovation and expansion of existing stormwater detention areas. The applicant has stated that the proposed impacts are necessary in order to obtain the grades necessary to construct a detention area large enough to adequately handle the stormwater volume control. The proposed detention basin and outlet structure will be constructed so as to allow normal base flow through at all times and retain storm flows for a relatively short period. The existing problem is caused primarily from flash storm flows through the area. The proposed facility will still provide normal base flows for the downstream portions of the stream while mitigating for the flash storm flows in the area that are causing damage to both the Pleasantburg Drive right-of-way and the downstream residential areas. As mitigation for the proposed impacts, the applicant

7 MAY 2004

has proposed the use of a stream restoration project known as the Dellwood Channel project (SAC 27-2000-1514-G), previously done by the City of Greenville. Note: A copy of the mitigation plan is available for review by appointment at the Corps office listed above. Please call Mary Hope Glenn at 843-329-8044 for an appointment. The applicant has stated that the purpose of the proposed work is to alleviate flooding that is occurring in the Sherwood Forest neighborhood and correct the situation causing undermining of Pleasantburg Drive.

**NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the**

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

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 District Engineer will not process this application to a conclusion until such certification is received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to Water Quality Certification must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

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 0.166 acres of freshwater substrates well inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our 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). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has determined that the project will have no effect 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 7(c) of the Endangered Species Act of 1973 (as amended).

The District Engineer has consulted the most recently available information and has determined that the project will have no effect 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 7(c) of the Endangered Species Act of 1973 (as amended).

7 MAY 2004

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

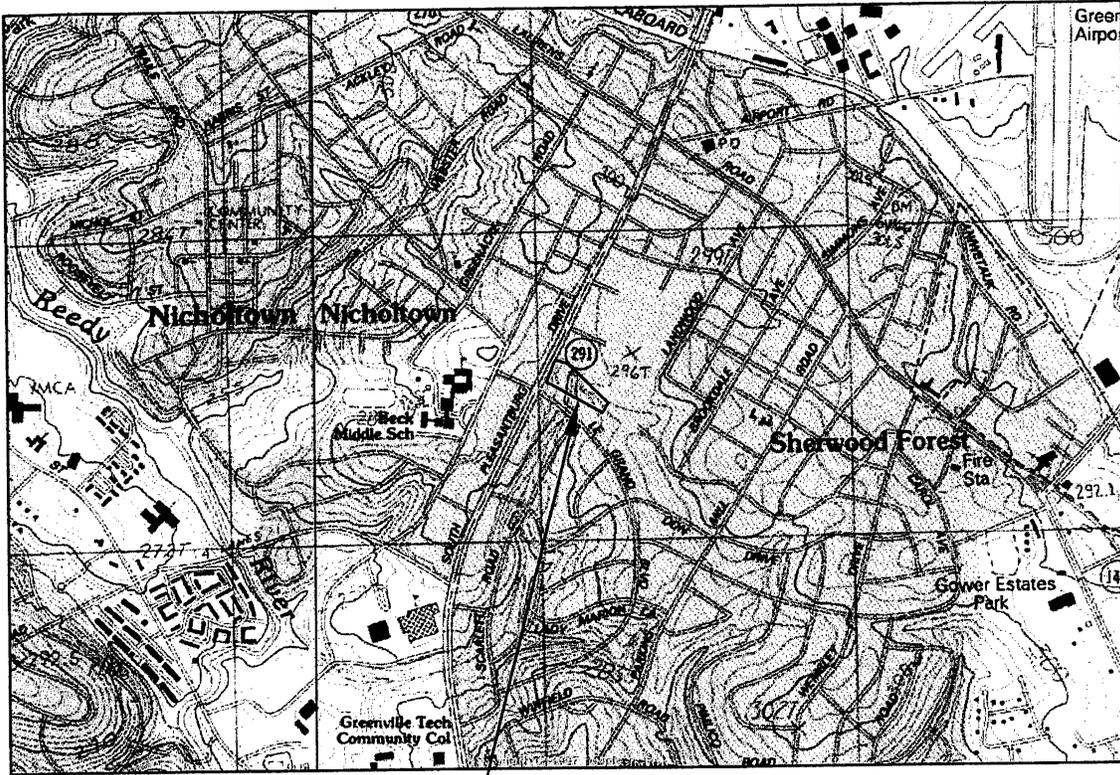
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

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 of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers 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 of Engineers 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.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.

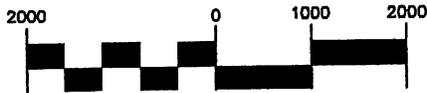
  
for Mary Hope Glenn  
Project Manager  
Regulatory Division  
U.S. Army Corps of Engineers



**SITE LOCATION**



**GRAPHIC SCALE**

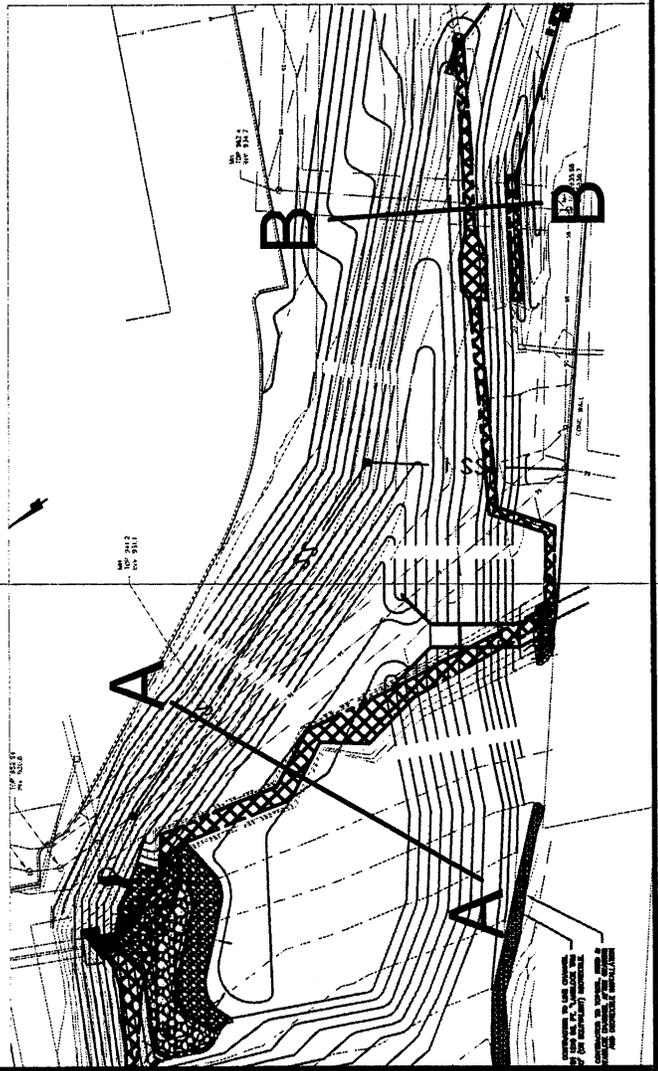
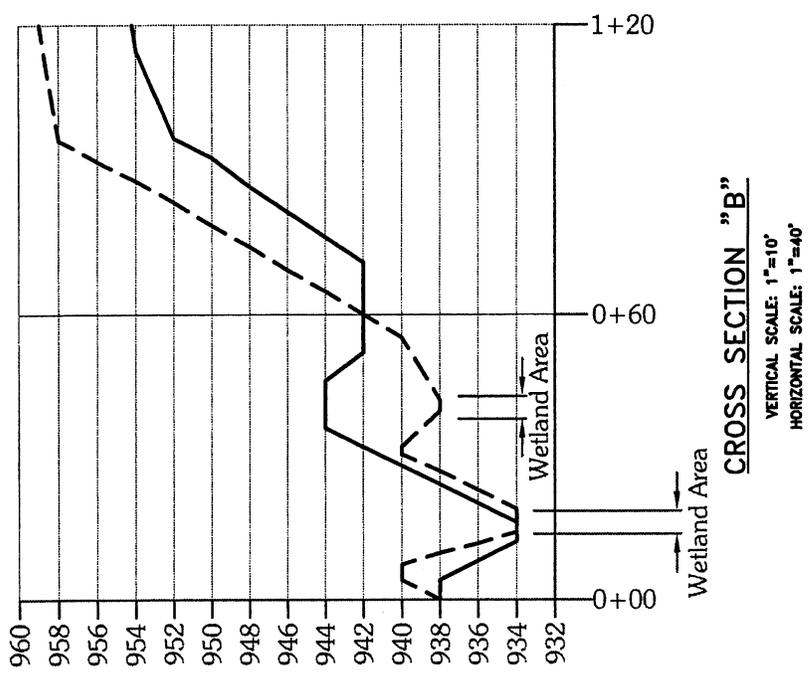
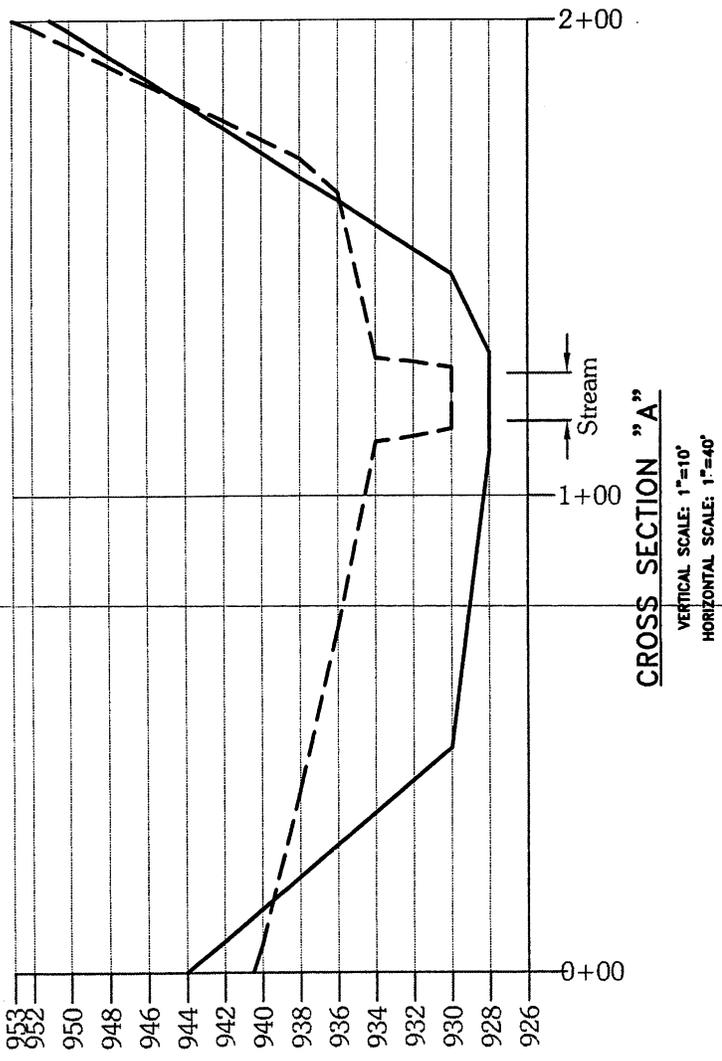


( IN FEET )  
1 inch = 2000ft.

DWG. TITLE:		VICINITY MAP	
PROJ. TITLE:		MCALISTER SQUARE DETENTION AREA	
PROJ. LOCATION:		GREENVILLE COUNTY S.C.	
APPLICANT:		CITY OF GREENVILLE	
DATE:	INITIALS:	DATE:	SCALE:
10.15.03	CSg	10/10/2003	1" = 2000'
APPLICATION NO.:		SHEET:	
8003-1G-366		1 of 5	

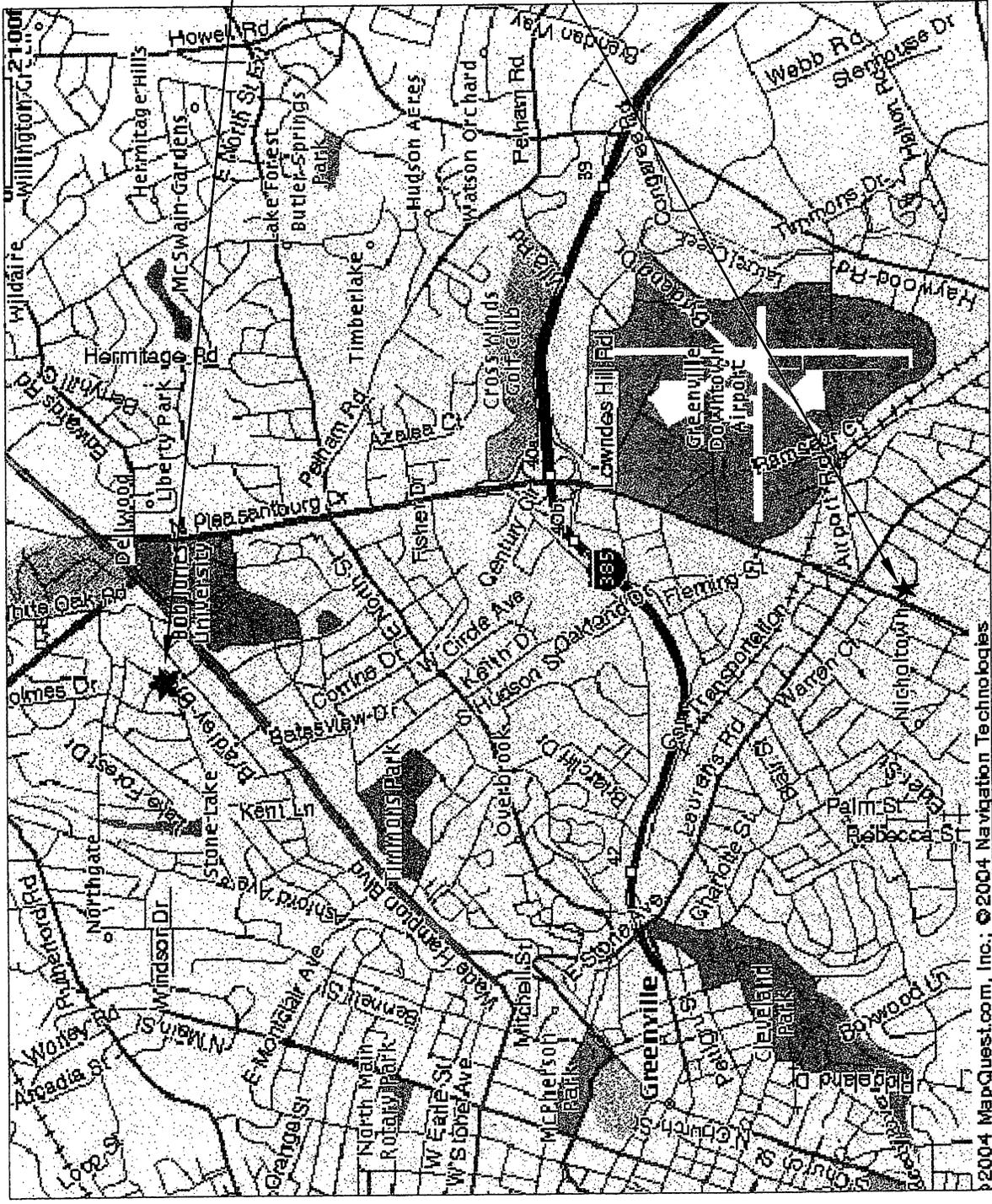






DWG. TITLE:	CROSS SECTIONS
PROJ. TITLE:	MCALISTER SQUARE DETENTION AREA
PROJ. LOCATION:	GREENVILLE COUNTY S.C.
APPLICANT:	CITY OF GREENVILLE
DATE:	10/10/2003
SCALE:	AS NOTED
APPLICATION NO.:	0003-16-366
SHEET:	4 of 5

APPROVED: *CSG*  
 INITIALS: *CSG*  
 DATE: 10/25/03



Mitigation Site

Impact Site

SHEET NO. **5**  
OF **5**

**Area Map**  
McAlister Square Detention Area  
City of Greenville  
Greenville County  
USACE P/N: 2003-16-366

REVISIONS	
NO.	DATE BY COMMENTS

**GRAPHIC SCALE**  
1 inch = 3000 feet

1500 0 1500 3000

Post Office Box 3744  
Greenville, SC 29608  
Phone: (864) 271-3040  
Fax: (864) 235-9298

DRAWN BY: KPS  
DATE: 4/2/2004  
EPC PROJECT NO.: 04M1018

**ENVIRONMENTAL PERMITTING CONSULTANTS, INC.**

Mitigation for Linear Systems

19. Tables and Worksheets.

19.1. Adverse Impacts Table.

ADVERSE IMPACT FACTORS FOR LINEAR SYSTEMS									
FACTORS	OPTIONS								
	Lost Type	Intermittent 1 <sup>st</sup> and 2 <sup>nd</sup> Order Streams 0.3					All Other Streams 0.8		
Priority Category	Tertiary 0.1			Secondary 0.3			Primary 0.5		
Existing Condition	Impaired 0.1			Moderately Impaired 0.75			Fully Functional 1.5		
Duration	Seasonal 0.05			0-1 Year 0.1			> 1 Year 0.3		
Dominant Impact	Shade/ Clear 0.05	Utility Crossing 0.15	Culvert 0.3	Armor 0.5	Dentent- ion/Weir 0.75	Morpho- logic 1.5	Impound 2.0	Pipe 2.2	Fill 2.5
Cumulative Impact	0.0005 x total linear feet of stream impacted ( $\Sigma LL_i$ )								

Note: The cumulative impact factor for the overall project must be used in each reach column on the Required Mitigation Credits Worksheet below.

Required Mitigation Credits Sample Worksheet

Factor	Reach 1	Reach 2	Reach 3	Reach 4	Reach 5	Reach 6
Lost Type	0.3					
Priority Category	0.1					
Existing Condition	0.1					
Duration	0.3					
Dominant Impact	0.75					
Cumulative Impact	0.2215					
Sum of R Factors	R <sub>1</sub> = 1.7715	R <sub>2</sub> =	R <sub>3</sub> =	R <sub>4</sub> =	R <sub>5</sub> =	R <sub>6</sub> =
Linear Feet Impact	LL <sub>1</sub> = 443	LL <sub>2</sub> =	LL <sub>3</sub> =	LL <sub>4</sub> =	LL <sub>5</sub> =	LL <sub>6</sub> =
R x LL =	784.8					

Total Required Credits =  $\Sigma (R \times LL) =$  785

Mitigation for Linear Systems

19.5. Stream Restoration Table.

RESTORATION MITIGATION FACTORS FOR LINEAR SYSTEMS

Factors	Options				
	Net Improvement	Moderate 0.7 - 1.5		Good 1.6 - 2.0	
Priority Category	Tertiary 0.05		Secondary 0.2		Primary 0.3
Control	Covenant Private 0.05	Covenant POA 0.1	Easement * 0.15 *		Conservancy 0.2
Credit Schedule	Schedule 5 0	Schedule 4 0.02	Schedule 3 0.05	Schedule 2 0.08	Schedule 1 0.1
Kind	Category 5 0	Category 4 0.02	Category 3 0.05	Category 2 0.08	Category 1 0.1
Location	Zone 5 0	Zone 4 0.05	Zone 3 0.10	Zone 2 0.15	Zone 1 0.2

Proposed Restoration Mitigation Sample Worksheet for LINEAR SYSTEMS

Factors	Reach 1	Reach 2	Reach 3	Reach 4	Reach 5
Net Improvement	1.3				
Priority Category	0.1				
Control	0.05				
Credit Schedule	0.05				
Kind	0.1				
Location	0.45				
Sum Factors	M = 1.75				
Linear Feet	L = 2,000				
	M x L = 3,500				

Total Stream Restoration Credits =  $\Sigma (M \times L) = 3,500$

PN# 2003-19-366

## Mitigation for Linear Systems

### 19.6. Mitigation Summary Worksheet.

#### LINEAR SYSTEMS

Mitigation Summary Worksheet For Permit Application # 2003-1G-366

#### I. Required Mitigation

A. Total Required Mitigation Credits =	785
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#### II. Non-Banking Mitigation Credit Summary

	Credits	Linear Feet
B. Riparian Buffer Enhancement		
C. Stream Restoration	3,500	2,000
D. Total Proposed Non-Bank Mitigation = B + C	3,500	2,000

#### III. Banking Mitigation Credit Summary

	Credits	Linear Feet
E. Riparian Buffer Enhancement		
F. Stream Restoration		
G. Total Proposed Bank Mitigation = E + F		

#### IV. Grand Totals

	Credits	Linear Feet
H. Total Riparian Buffer Enhancement Mitigation = B + E		
I. Total Stream Restoration Mitigation = C + F	3,500	2,000
J. Total Proposed Mitigation = D + G	3,500	2,000

The Total Mitigation Credits (Row J) should be equal to or greater than the total Required Mitigation Credits (Row A) for the proposed mitigation to be acceptable. The other requirements given in the SOP must also be satisfied, e.g., Row I must equal at least 25% of Row A, etc. If the answer to either of the questions below is no, then the proposed mix and/or quantity of mitigation is not in compliance with the policy and the plan should be revised or rejected, unless a variance is approved.

	Yes	No
$PMC \geq RMC$ or in words Are the Credits in Row J greater than or equal to Row A?	✓	
$PMC_{Stream\ Restoration} \geq \frac{1}{4} RMC$ or in words Are the Credits in Row I greater than or equal to 25% of Row A?	✓	