



Georgia-Pacific

Georgia-Pacific LLC
133 Peachtree Street NE (30303-1847)
P.O. Box 105605
Atlanta, Georgia 30348-5605
Telephone (404) 652-6869
Fax (404) 654-4701
www.gp.com

October 31, 2013

Department of the Army
US Army Corps of Engineers, ATTN: CENAN-OP-RU
1 Buffington St. Building 10, 3rd Floor North
Watervliet, New York 12189-4000

NOV - 4 2013

Subject:
Annual Report on the Status of Mitigation Activities
Willsboro Black Ash Pond – Site #516009
USACE Permit Application #NAN-2012-00195
Order of Consent No: A5-0771-07-11

Dear Sir/Madam:

On September 28, 2012, the United States Army Corps of Engineers (USACE) issued Georgia-Pacific LLC (Georgia-Pacific) the Department of the Army Nationwide General Permit Number 38 (NWP 38) number NAN-2012-00195 for the Willsboro Black Ash Pond Site (the Site) located in Willsboro, New York. Georgia-Pacific completed construction at the Site on May 12, 2013, and submitted the Nationwide Permit Compliance Certification and Report Form to the USACE on June 12, 2013. In accordance with Special Condition (C) of the NWP 38, this Annual Report presents the status of the mitigation activities at the Site.

Photographs of Representative Areas

Photographs showing representative areas of the restored floodplain were taken during spring high-flow conditions in March 2013, and photographs of the mitigation planting area were taken in June and July 2013. These photos and an associated photo log are provided in Attachment 1.

Floodplain Areal Extent

Appendix F of the Pre-Construction Notification Clean Water Act, Section 404 NWP 38 and Section 401 Water Quality Certification Application (PCN) provided a plan view estimation of the areal extent of the proposed floodplain, and is attached to this Annual Report for reference (Attachment 2). The approximate areal extent of the current floodplain conditions is provided on Figure 1 in Attachment 2.

Remedial Plan

The compensatory mitigation (i.e., construction of an inlet/outlet structure, planting of wetland shrubs) has been completed and the installed mitigation plantings appear to have at least an 85% survival rate (with less than 5%

areal coverage of invasive species). As such, Special Conditions (A) and (B) of NWP 38 have been met, and no additional plantings or construction work are necessary at this time. Therefore, a remedial plan is not included.

The next monitoring event to assess the status of mitigation activities at the Site is anticipated to be performed in spring 2014, or sooner if weather conditions require.

Please do not hesitate to contact me if you have questions or comments regarding the information presented herein.

Sincerely,



R. J. Hilarides
Georgia-Pacific LLC

Attachments:

- Attachment 1 – Representative Photographs
- Attachment 2 – Floodplain Areal Extent

cc:

Chek Ng, NYSDEC
Yvonne Ward, Esq., NYSDEC
John Swartwout, NYSDEC
Erin Burns, NYSDEDC
Bill Schoch, NYSDEC
Kevin Bruce, USACE
Paul A. Montney, P.E., Georgia-Pacific
J. Michael Davis, Esq., Georgia-Pacific
Jean McCreary, Esq., Nixon Peabody LLP
Edward Hatch, Town of Willsboro Supervisor
Lance Ketcham, P.E., ARCADIS
Dawn Penniman, P.E., ARCADIS
Lauren Putnam, ARCADIS



Attachments



Attachment 1

Representative Photographs

Willsboro Black Ash Pond – Site Visit 03-13-13



Picture # 1



Picture # 2



Picture # 3

Willsboro Black Ash Pond – Site Visit 03-13-13



Picture # 4



Picture # 5



Picture # 6

Willsboro Black Ash Pond – Site Visit 03-13-13



Picture # 7



Picture # 8



Picture # 9

Georgia-Pacific LLC
Willsboro Black Ash Pond Site

Photo Log

<u>PICTURE #</u>	<u>DATE</u>	<u>DESCRIPTIONS</u>
1	3/13/2013	View from approximately 7+00. Note water in wetland area inside perimeter road
2	3/13/2013	View of wetland area
3	3/13/2013	View from approximately 6+00
4	3/13/2013	View of perimeter access road
5	3/13/2013	View of perimeter access road. Note ice flow over erosion mat and road
6	3/13/2013	View of inlet/outlet
7	3/13/2013	View of inlet/outlet
8	3/13/2013	View of perimeter road from inlet/outlet
9	3/13/2013	View of wetland area



Picture # 1



Picture # 2



Picture # 3



Picture # 4



Picture # 5



Picture # 6

Willsboro Black Ash Pond – Site Visit 06-06-13



Picture # 7

Georgia-Pacific LLC
Willsboro Black Ash Pond Site

2013-06 Photo Log

<u>PICTURE #</u>	<u>DATE</u>	<u>DESCRIPTIONS</u>
1	6/6/2013	View of live stake growth
2	6/6/2013	View of live stake growth
3	6/6/2013	View of perimeter access road near inlet/outlet
4	6/6/2013	View of inlet/outlet
5	6/6/2013	View of shrub growth at inlet/outlet
6	6/6/2013	View of shrub growth at inlet/outlet
7	6/6/2013	View of shrub growth at inlet/outlet



Picture # 1



Picture # 2



Picture # 3

Georgia-Pacific LLC
Willsboro Black Ash Pond Site

2013-07 Photo Log

<u>PICTURE #</u>	<u>DATE</u>	<u>DESCRIPTIONS</u>
1	7/11/2013	View of eastern end of floodplain area at eastern access road
2	7/11/2013	View of east end of floodplain area looking toward eastern access road showing new plantings. Note riprap berm of inlet/outfall structure in foreground
3	7/11/2013	View of east end of floodplain area looking toward inlet/outfall structure and Bouquet River berm from eastern access road

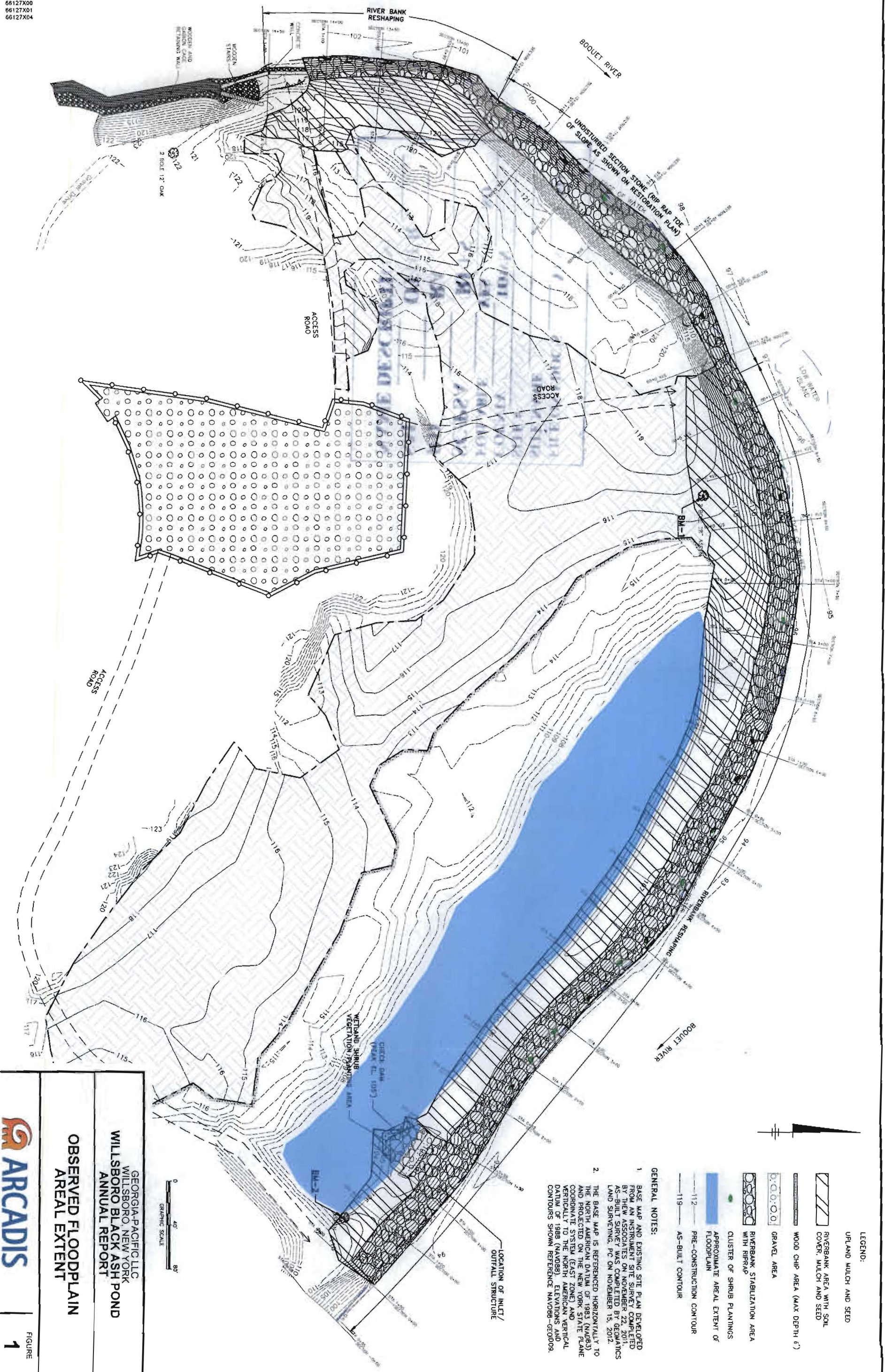


Attachment 2

Floodplain Areal Extent

XREFS: 66127X00
 66127X01
 66127X04

IMAGES: PROJECTNAME —



- LEGEND:**
- UPLAND MULCH AND SEED
 - RIVERBANK AREA WITH SOIL COVER, MULCH AND SEED
 - WOOD CHIP AREA (MAX DEPTH 6")
 - GRAVEL AREA
 - RIVERBANK STABILIZATION AREA WITH RIPRAP
 - CLUSTER OF SHRUB PLANTINGS
 - APPROXIMATE AREAL EXTENT OF FLOODPLAIN
 - PRE-CONSTRUCTION CONTOUR
 - AS-BUILT CONTOUR
- GENERAL NOTES:**
1. BASE MAP AND EXISTING SITE PLAN DEVELOPED FROM AN INSTRUMENT SITE SURVEY COMPLETED BY HEW ASSOCIATES ON NOVEMBER 22, 2011. AS-BUILT SURVEY WAS COMPLETED BY GEOMATICS LAND SURVEYING, PC ON NOVEMBER 15, 2012.
 2. THE BASE MAP IS REFERENCED HORIZONTALLY TO THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). ELEVATIONS AND CONTOURS SHOWN REFERENCE NAVD88-GEOD09.

GEORGIA-PACIFIC LLC
 WILLSBORO, NEW YORK
WILLSBORO BLACK ASH POND
 ANNUAL REPORT

OBSERVED FLOODPLAIN
AREAL EXTENT

