

**THE HONORABLE BOARD OF LEGISLATORS  
THE COUNTY OF WESTCHESTER**

Your Committee is in receipt of a transmittal from the County Executive recommending approval of a bond act (the “Bond Act”), which if adopted, would authorize the County of Westchester (the “County”) to issue up to \$350,000.00 in bonds to finance a component of capital project BPL26 - Flood Mitigation (“BPL26”). Also attached is an Act authorizing an intermunicipal agreement (“IMA”) with the Town of New Castle (the “Town”) setting forth the terms of the flood mitigation project.

Your Committee is advised that the Bond Act, prepared by the law firm of Hawkins Delafield & Wood LLP, would fund up to 50% of the costs associated with design, permitting and construction inspection associated with decommissioning of the dam at Upper Minkel Pond in the Town, including restoration of the area as a wetland floodplain. The project will reduce flood risk for downstream properties associated with the potential failure of the dam as well as provide additional flood storage capacity for large storm events. The project will take approximately twelve (12) months to complete.

The IMA, a copy of which is attached, will set forth the responsibilities of the County and the Town in connection with the flood mitigation project. In accordance with the IMA, the County and the Town will each provide up to fifty (50%) percent of the total cost of the project which is \$550,000.00. The County will pay to the Town, on a reimbursement basis, an amount not-to-exceed \$275,000.00. Your Honorable Board will note that the bonding request is \$350,000.00 to include additional County costs for staff hours and administration of the project.

Your Committee is advised that this Honorable Board enacted the Westchester County Storm Water Management Law (“SWML”) in 2011 to assist municipalities with storm water management (flood mitigation). *See* Laws of Westchester County Chapter 241, Article III-A, Sections 241.252-241.260. The SWML provides for the evaluation of flooding within the County through preparation of watershed “reconnaissance plans”, and the SWML authorizes County cooperation with municipalities, including funding assistance, to improve storm water management and reduce flooding.

By Act No. 134-2014, this Honorable Board approved the Stormwater Reconnaissance Plan for the Coastal Long Island Sound Watershed. Upper Minkel Pond is identified as an area of recurring flooding in this plan. Criteria for funding stormwater management (flood mitigation) projects are also described in the plan, including discretionary fund policy requirements to affirmatively further fair housing. The IMA requires the Town to adopt regulations and policies consistent with the flood mitigation criteria in the Stormwater Reconnaissance Plan for the Saw Mill River - Pocantico River Watershed.

Your Committee notes that this Honorable Board has previously authorized the County to issue bonds which have financed prior components of this project as set forth in the attached fact sheet.

The Planning Department has advised your Committee that based on its review, the above referenced capital project has been classified as a Type "II" action pursuant to the State Environmental Quality Review Act ("SEQR") and its implementing regulations, 6 NYCRR Part 617. Therefore, no further environmental review is required. Your Committee has reviewed the annexed SEQRA documentation and concurs with this conclusion.

Your Committee is further advised that since BPL26 is a "general fund" project, specific components are subject to a Capital Budget Amendment. Section 1 of the Bond Act authorizes an amendment to the County's Capital Budget to the extent the project scope is inconsistent with any details set forth in the current Capital Budget. Accordingly, the Bond Act, in addition to authorizing the issuance of bonds for this project, will also amend the 2021 Capital Budget to reflect the specific location of this project component.

In addition, section 167.131 of the County Charter mandates that a capital budget amendment that introduces a new capital project or changes the location, size or character of an existing capital project be accompanied to the Board of Legislators by a report of the Westchester County Planning Board (the "Planning Board") with respect to the physical planning aspects of the project. Accordingly, the Planning Board Report for BPL26 is annexed.

Please note that an affirmative vote of two-thirds of the members of your Honorable Board is required in order to adopt the Bond Act, while an affirmative vote of a majority of the voting strength of your Honorable Board is required to adopt the Act authorizing the IMA.

Based on the importance of this project to the County, your Committee recommends favorable action on the annexed Bond Act and Act authorizing the IMA.

Dated: September 21, 2021

White Plains, New York

COMMITTEE ON			
<p>C:\jpg\7.06.21 <i>Rust Walker</i></p>	<p><i>Rust Walker</i></p>	<p><i>Rust Walker</i></p>	<p><i>Colin [Signature]</i> <i>Rust Walker</i></p>
<p>Budget + Appropriations</p>	<p>Public Works + Transportation</p>	<p>Environment + Health</p>	<p>Planning Economic Development + Energy</p>

Dated: September 21, 2021  
White Plains, New York

The following members attended the meeting remotely, pursuant to Chapter 417 of New York State Laws of 2021, and approved this item out of Committee with an affirmative vote. Their electronic signature was authorized and is below.

Committee(s) on:

Environment & Health

Budget & Appropriations

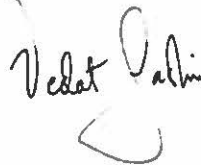
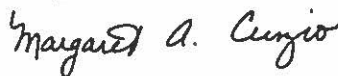
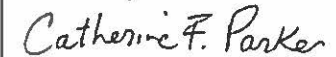
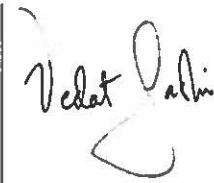
Planning  
Dev. &

Economic  
Energy

Public Works &  
Transportation



Catherine F. Parker

  
WOP  
WOP

# FISCAL IMPACT STATEMENT

CAPITAL PROJECT #: BPL26

NO FISCAL IMPACT PROJECTED

## SECTION A - CAPITAL BUDGET IMPACT

To Be Completed by Budget

GENERAL FUND

AIRPORT FUND

SPECIAL DISTRICTS FUND

Source of County Funds (check one):

Current Appropriations

Capital Budget Amendment

## SECTION B - BONDING AUTHORIZATIONS

To Be Completed by Finance

Total Principal \$ 350,000 PPU 5 Anticipated Interest Rate 0.31%

Anticipated Annual Cost (Principal and Interest): \$ 70,655

Total Debt Service (Annual Cost x Term): \$ 353,275

Finance Department: Interest rates from July 19, 2021 Bond Buyer - ASBA

## SECTION C - IMPACT ON OPERATING BUDGET (exclusive of debt service)

To Be Completed by Submitting Department and Reviewed by Budget

Potential Related Expenses (Annual): \$ -

Potential Related Revenues (Annual): \$ -

Anticipated savings to County and/or impact of department operations

(describe in detail for current and next four years):

N/A

## SECTION D - EMPLOYMENT

As per federal guidelines, each \$92,000 of appropriation funds one FTE Job

Number of Full Time Equivalent (FTE) Jobs Funded: N/A

## SECTION E - EXPECTED DESIGN WORK PROVIDER

County Staff

Consultant

Not Applicable

Prepared by: William Brady

Title: Chief Planner

Department: Planning


Date: 7/23/21

Reviewed By: [Signature]

Budget Director

Date: 7/26/21

TO: Michelle Greenbaum, Senior Assistant County Attorney  
Jeffrey Goldman, Senior Assistant County Attorney

FROM: David S. Kvinge, AICP, RLA, CFM   
Director of Environmental Planning

DATE: July 20, 2021

SUBJECT: **STATE ENVIRONMENTAL QUALITY REVIEW FOR CAPITAL PROJECT:  
BPL26 FLOOD MITIGATION**

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**PROJECT/ACTION:** Per Capital Project Fact Sheet as approved by the Planning Department on 06-29-2021 (Unique ID: 1694)

With respect to the State Environmental Quality Review Act and its implementing regulations 6 NYCRR Part 617, the Planning Department recommends that no further environmental review is required for the proposed action, because the project or component of the project for which funding is requested may be classified as a **TYPE II action** pursuant to section(s):

- **617.5(c)(27):** conducting concurrent environmental, engineering, economic, feasibility and other studies and preliminary planning and budgetary processes necessary to the formulation of a proposal for action, provided those activities do not commit the agency to commence, engage in or approve such action.
- 

**COMMENTS:** The current request is for design only. Construction inspection funds will not be expended unless the County approves funding for the construction of the project. Further environmental review will be conducted following completion of design and prior to approval of construction funding.

DSK/dvw

cc: Andrew Ferris, Chief of Staff  
Paula Friedman, Assistant to the County Executive  
Tami Altschiller, Assistant Chief Deputy County Attorney  
Gideon Grande, Deputy Budget Director  
Lorraine Yazzetta, Associate Budget Director  
Anthony Zaino, Assistant Commissioner  
William Brady, Chief Planner  
Michael Lipkin, Associate Planner  
Claudia Maxwell, Associate Environmental Planner

RESOLUTION 21- 15

WESTCHESTER COUNTY PLANNING BOARD

Amendment of Planning Board Report on 2021 Capital Project Requests  
BPL26 Flood Mitigation

WHEREAS, the County of Westchester has established Capital Project BPL26 Flood Mitigation, a general fund, to provide a share of the cost of funding flood mitigation projects that are proposed by local municipalities and approved by the County; and

WHEREAS, the decommissioning and removal of the Upper Minkel Dam in the Town of New Castle will reduce flood risk for downstream properties, including areas downstream described as Flood Problem Area NWC-1 in the stormwater reconnaissance plan for the Saw Mill and Pocantico rivers drainage basin; and

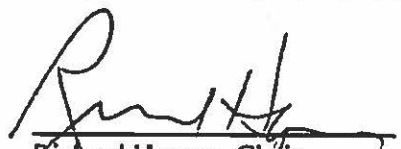
WHEREAS, the project has been reviewed and approved by the County Stormwater Advisory Board and will be subject to further detailed review by County staff; and

WHEREAS, in furtherance of the above, the County Executive will be submitting legislation to the Board of Legislators to amend the Capital Project BPL26, Flood Mitigation, to add the project to Capital Project BPL26 and authorize bonding to fund up to 50% of the project; and

WHEREAS, the project is consistent with the County Planning Board's long-range planning policies set forth in *Westchester 2025 - Policies to Guide County Planning*, in that it will help preserve and protect the County's natural resources and environment, both physical and biotic and will help mitigate the impacts of flooding; now therefore, be it

RESOLVED, that the County Planning Board, pursuant to Section 167.131 of the County Charter, amends its Report on the 2021 Capital Project Requests to include the Capital Project BPL26 Flood Mitigation for the decommissioning and removal of the Upper Minkel Dam in the Town of New Castle.

Adopted this 1<sup>st</sup> day of June 2021

  
Richard Hyman, Chair

ACT NO. -20\_\_\_\_

BOND ACT AUTHORIZING THE ISSUANCE OF \$350,000 BONDS OF THE COUNTY OF WESTCHESTER, OR SO MUCH THEREOF AS MAY BE NECESSARY, TO FINANCE THE COUNTY'S SHARE OF THE COST OF PREPARATION OF SURVEYS, PRELIMINARY AND DETAILED PLANS, SPECIFICATIONS AND ESTIMATES NECESSARY FOR PLANNING THE DECOMMISSIONING OF THE DAM AT UPPER MINKEL POND IN THE TOWN OF NEW CASTLE; STATING THE ESTIMATED TOTAL COST THEREOF IS \$350,000; STATING THE PLAN OF FINANCING SAID COST INCLUDES THE ISSUANCE OF \$350,000 BONDS HEREIN AUTHORIZED; AND PROVIDING FOR A TAX TO PAY THE PRINCIPAL OF AND INTEREST ON SAID BONDS. (Adopted \_\_\_\_\_, 20\_\_)

BE IT ENACTED BY THE COUNTY BOARD OF LEGISLATORS OF THE COUNTY OF WESTCHESTER, NEW YORK (by the affirmative vote of not less than two-thirds of the voting strength of said Board), AS FOLLOWS:

Section 1. Pursuant to the provisions of the Local Finance Law, constituting Chapter 33-a of the Consolidated Laws of the State of New York (the "Law"), the Westchester County Administrative Code, being Chapter 852 of the Laws of 1948, as amended, to the provisions of other laws applicable thereto, \$350,000 bonds of the County, or so much thereof as may be necessary, are hereby authorized to be issued to finance the County's share of the cost of preparation of surveys, preliminary and detailed plans, specifications and estimates necessary for planning the decommissioning of the dam at Upper Minkel Pond in the Town of New Castle, including restoration of the area as a wetland floodplain; all as set forth in the County's Current



Year Capital Budget, as amended. To the extent that the details set forth in this act are inconsistent with any details set forth in the Current Year Capital Budget of the County, such Budget shall be deemed and is hereby amended. The estimated total cost of said object or purpose, including preliminary costs and costs incidental thereto and the financing thereof is \$350,000. The plan of financing includes the issuance of \$350,000 bonds herein authorized, and any bond anticipation notes issued in anticipation of the sale of such bonds, and the levy of a tax to pay the principal of and interest on said bonds.

Section 2. The period of probable usefulness of the object or purpose for which said \$350,000 bonds authorized by this Act are to be issued, within the limitations of Section 11.00 a. 62 (2<sup>nd</sup>) of the Law, is five (5) years;

Section 3. Current funds are not required to be provided as a down payment pursuant to Section 107.00 d. 9. of the Law prior to issuance of the bonds authorized herein, or any bond anticipation notes issued in anticipation of the sale of such bonds. The County intends to finance, on an interim basis, the costs or a portion of the costs of said improvements for which bonds are herein authorized, which costs are reasonably expected to be reimbursed with the proceeds of debt to be incurred by the County, pursuant to this Act, in the total amount of \$350,000. This Act is a declaration of official intent adopted pursuant to the requirements of Treasury Regulation Section 1.150-2.

Section 4. The estimate of \$350,000 as the estimated total cost of the aforesaid object or purpose is hereby approved.

Section 5. Subject to the provisions of this Act and of the Law, and pursuant to the provisions of §30.00 relative to the authorization of the issuance of bond anticipation notes or the renewals thereof, and of §§50.00, 56.00 to 60.00 and 168.00 of said Law, the powers and duties

of the County Board of Legislators relative to authorizing the issuance of any notes in anticipation of the sale of the bonds herein authorized, or the renewals thereof, relative to providing for substantially level or declining annual debt service, relative to prescribing the terms, form and contents and as to the sale and issuance of the respective amounts of bonds herein authorized, and of any notes issued in anticipation of the sale of said bonds or the renewals of said notes, and relative to executing agreements for credit enhancement, are hereby delegated to the Commissioner of Finance of the County, as the chief fiscal officer of the County.

Section 6. Each of the bonds authorized by this Act and any bond anticipation notes issued in anticipation of the sale thereof shall contain the recital of validity prescribed by §52.00 of said Local Finance Law and said bonds and any notes issued in anticipation of said bonds shall be general obligations of the County of Westchester, payable as to both principal and interest by general tax upon all the taxable real property within the County. The faith and credit of the County are hereby irrevocably pledged to the punctual payment of the principal of and interest on said bonds and any notes issued in anticipation of the sale of said bonds or the renewals of said notes, and provision shall be made annually in the budgets of the County by appropriation for (a) the amortization and redemption of the notes and bonds to mature in such year and (b) the payment of interest to be due and payable in such year.

Section 7. The validity of the bonds authorized by this Act and of any notes issued in anticipation of the sale of said bonds, may be contested only if:

- (a) such obligations are authorized for an object or purpose for which the County is not authorized to expend money, or

(b) the provisions of law which should be complied with at the date of the publication of this Act or a summary hereof, are not substantially complied with,

and an action, suit or proceeding contesting such validity, is commenced within twenty days after the date of such publication, or

(c) such obligations are authorized in violation of the provisions of the Constitution.

Section 8. This Act shall take effect in accordance with Section 107.71 of the Westchester County Charter.

\* \* \*

STATE OF NEW YORK            )  
  : ss.:  
COUNTY OF NEW YORK        )

I HEREBY CERTIFY that I have compared the foregoing Act No. -20\_\_ with the original on file in my office, and that the same is a correct transcript therefrom and of the whole of the said original Act, which was duly adopted by the County Board of Legislators of the County of Westchester on            , 20\_\_ and approved by the County Executive on            , 20\_\_.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of said County Board of Legislators this     day of            , 20\_\_.

The Clerk and Chief Administrative Office of the County Board of Legislators County of Westchester, New York

(SEAL)

LEGAL NOTICE

A Bond Act, a summary of which is published herewith, has been adopted by the Board of Legislators on \_\_\_\_\_, 20\_\_ and approved by the County Executive on \_\_\_\_\_, 20\_\_ and the validity of the obligations authorized by such Bond Act may be hereafter contested only if such obligations were authorized for an object or purpose for which the County of Westchester, in the State of New York, is not authorized to expend money or if the provisions of law which should have been complied with as of the date of publication of this Notice were not substantially complied with, and an action, suit or proceeding contesting such validity is commenced within twenty days after the publication of this Notice, or such obligations were authorized in violation of the provisions of the Constitution.

Complete copies of the amended Bond Act summarized herewith shall be available for public inspection during normal business hours at the Office of the Clerk of the Board of Legislators of the County of Westchester, New York, for a period of twenty days from the date of publication of this Notice.

ACT NO. \_\_\_\_\_-20\_\_

**BOND ACT AUTHORIZING THE ISSUANCE OF \$350,000 BONDS OF THE COUNTY OF WESTCHESTER, OR SO MUCH THEREOF AS MAY BE NECESSARY, TO FINANCE THE COUNTY'S SHARE OF THE COST OF PREPARATION OF SURVEYS, PRELIMINARY AND DETAILED PLANS, SPECIFICATIONS AND ESTIMATES NECESSARY FOR PLANNING THE DECOMMISSIONING OF THE DAM AT UPPER MINKEL POND IN THE TOWN OF NEW CASTLE; STATING THE ESTIMATED TOTAL COST THEREOF IS \$350,000; STATING THE PLAN OF FINANCING SAID COST INCLUDES THE ISSUANCE OF \$350,000 BONDS HEREIN AUTHORIZED; AND PROVIDING FOR A TAX TO PAY THE PRINCIPAL OF AND INTEREST ON SAID BONDS (adopted on \_\_\_\_\_, 20\_\_)**

object or purpose:       to finance the County's share of the cost of preparation of surveys, preliminary and detailed plans, specifications and estimates necessary for planning the decommissioning of the dam at Upper Minkel Pond in the Town of New Castle, including restoration of the area as a wetland floodplain; all as set forth in the County's Current Year Capital Budget, as amended.

amount of obligations to be issued:  
and period of probable usefulness:       \$350,000; five (5) years

Dated: \_\_\_\_\_, 20\_\_  
          White Plains, New York

\_\_\_\_\_  
Clerk and Chief Administrative Officer of the County Board of  
Legislators of the County of Westchester, New York

## CAPITAL PROJECT FACT SHEET

**Project ID:\***  
BPL26

CBA

**Fact Sheet Date:\***  
05-21-2021

**Fact Sheet Year:\***  
2021

**Project Title:\***  
FLOOD MITIGATION

**Legislative District ID:**  
4, 9

**Category\***  
BUILDINGS, LAND &  
MISCELLANEOUS

**Department:\***  
PLANNING

**CP Unique ID:**  
1694

**Overall Project Description**

This project is intended to provide a share of the cost of funding flood mitigation projects that are proposed by local municipalities and approved by the County. This is a general fund, specific projects are subject to a Capital Budget Amendment.

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Best Management Practices | <input type="checkbox"/> Energy Efficiencies                | <input type="checkbox"/> Infrastructure |
| <input checked="" type="checkbox"/> Life Safety               | <input type="checkbox"/> Project Labor Agreement            | <input type="checkbox"/> Revenue        |
| <input type="checkbox"/> Security                             | <input checked="" type="checkbox"/> Other(FLOOD MITIGATION) |   |

**FIVE-YEAR CAPITAL PROGRAM (in thousands)**

	Estimated Ultimate Total Cost	Appropriated	2021	2022	2023	2024	2025	Under Review
<b>Gross</b>	40,750	20,550	200	0	0	0	0	20,000
<b>Less Non-County Shares</b>	0	0	0	0	0	0	0	0
<b>Net</b>	40,750	20,550	200	0	0	0	0	20,000

**Expended/Obligated Amount (in thousands) as of :** 6,626

**Current Bond Description:** This project will fund up to 50% of the costs associated with design, permitting and construction inspection associated with decommissioning of the dam at Upper Minkel Pond in the Town of New Castle, including restoration of the area as a wetland floodplain. The project will reduce flood risk for downstream properties associated with the potential failure of the dam as well as provide additional flood storage capacity for large storm events.

**Financing Plan for Current Request:**

Non-County Shares:	\$ 0
Bonds/Notes:	350,000
Cash:	0
<b>Total:</b>	<b>\$ 350,000</b>

**SEQR Classification:**  
TYPE II

**Amount Requested:**  
350,000

**Comments:**

**Energy Efficiencies:**

**Appropriation History:**

Year	Amount	Description
2009	5,400,000	MAMARONECK AND SHELDRAKE RIVERS BASIN FLOOD DAMAGE REDUCTION STUDY; FOUR LOCAL MUNICIPAL FLOOD PROJECTS
2012	5,000,000	FLOOD MITIGATION PROJECTS TO BE DETERMINED
2013	5,000,000	FLOOD RELATED PROJECTS
2015	150,000	DESIGN OF A STUDY FOR A COUNTYWIDE SYSTEM OF STREAM AND STORM GAUGES
2016	5,000,000	CONTINUATION OF THIS PROJECT
2021	200,000	DESIGN AND INSTALLATION OF A MAINTENANCE GATE AT SPRAIN BROOK, YONKERS

**Total Appropriation History:**

20,750,000

**Financing History:**

Year	Bond Act #	Amount	Issued	Description
09	79	900,000	899,501	FLOOD MITIGATION STUDY: MAM'K & SHELDRAKE RIVERS BASIN
09	140	2,441,625	2,441,625	COUNTY PORTION OF FLOOD MITIGATION PROJECT IN COUNTY
17	11	2,974,875	2,502,239	COUNTY PORTION OF FLOOD MITIGATION PROJECT IN COUNTY (AMMENDED)
18	171	70,000	0	FUNDING FOR AN ENGINEERING STUDY TO DEVELOP A SOLUTION FOR FLOODING IN RYE BROOK, AVON CIRCLE AREA
19	108	300,000	0	INITIAL DESIGN OF PROJECT TO MITIGATE FLOODING ALONG THE HUTCHINSON RIVER
19	247	1,000,000	0	RECONSTRUCT THE HILLSIDE AVENUE BRIDGE IN THE VILLAGE OF MAMARONECK

**Total Financing History:**

7,686,499

**Recommended By:**

<b>Department of Planning</b> WBB4	<b>Date</b> 06-29-2021
<b>Department of Public Works</b> RJB4	<b>Date</b> 06-29-2021
<b>Budget Department</b> LMY1	<b>Date</b> 06-30-2021
<b>Requesting Department</b> WBB4	<b>Date</b> 07-01-2021

## FLOOD MITIGATION ( BPL26 )

**User Department :** Planning

**Managing Department(s) :** Planning ;

**Estimated Completion Date:** TBD

**Planning Board Recommendation:** Project approved in concept but subject to subsequent staff review.

### **FIVE YEAR CAPITAL PROGRAM (in thousands)**

	Est Ult Cost	Appropriated	Exp / Obl	2021	2022	2023	2024	2025	Under Review
Gross	40,750	20,550	6,626	200					20,000
Non County Share									
<b>Total</b>	<b>40,750</b>	<b>20,550</b>	<b>6,626</b>	<b>200</b>					<b>20,000</b>

### **Project Description**

This project is intended to provide a share of the cost of funding flood mitigation projects that are proposed by local municipalities and approved by the County. This is a general fund, specific projects are subject to a Capital Budget Amendment.

### **Current Year Description**

The current year request funds design and installation of a maintenance gate at Sprain Brook, Yonkers.

### **Current Year Financing Plan**

Year	Bonds	Cash	Non County Shares	Total
2021	200,000			200,000

### **Impact on Operating Budget**

The impact on the Operating Budget is the debt associated with the issuance of bonds.

### **Appropriation History**

Year	Amount	Description	Status
2009	5,400,000	Mamaroneck and Sheldrake Rivers basin flood damage reduction study; Four local municipal flood projects	IN PROGRESS
2012	5,000,000	Flood Mitigation Projects to be Determined	IN PROGRESS
2013	5,000,000	Flood related projects	AWAITING BOND AUTHORIZATION
2015	150,000	Design of a study for a countywide system of stream and storm gauges	AWAITING BOND AUTHORIZATION
2016	5,000,000	Continuation of this project	AWAITING BOND AUTHORIZATION
<b>Total</b>	<b>20,550,000</b>		

### **Prior Appropriations**

	Appropriated	Collected	Uncollected
Bond Proceeds	20,550,000	5,843,364	14,706,636
<b>Total</b>	<b>20,550,000</b>	<b>5,843,364</b>	<b>14,706,636</b>



**FLOOD MITIGATION  
( BPL26 )**

**Bonds Authorized**

Bond Act	Amount	Date Sold	Amount Sold	Balance
79 09	900,000	12/02/10	358,000	499
		12/02/10	(358,000)	
		11/30/11	522,141	
		11/30/11	77,859	
		11/19/15	250,434	
		11/19/15	48,566	
		11/19/15	501	
140 09	2,441,625	10/24/12	740,494	
		10/24/12	75,506	
		10/24/12	6,240	
		12/10/13	852,989	
		12/10/13	104,011	
		12/10/13	2,925	
		11/19/15	334,212	
		11/19/15	64,813	
		11/19/15	669	
		12/15/16	259,766	
11 17	2,974,875	12/15/17	31,948	472,636
		12/15/17	5,866	
		12/15/17	50	
		12/15/17	29,606	
		12/15/17	5,436	
		12/15/17	46	
		12/10/18	660,625	
		12/10/19	959,846	
		12/10/19	189,546	
		12/10/19	117,641	
	23,231			
	04/30/20	478,398		
171 18	70,000			70,000
108 19	300,000			300,000
247 19	1,000,000			1,000,000
<b>Total</b>	<b>7,686,500</b>		<b>5,843,365</b>	<b>1,843,135</b>