

TO: ALL COUNTY PERSONNEL

FROM: VERDENIA C. BAKER

PREPARED BY: OFFICE OF FINANCIAL MANAGEMENT & BUDGET (OFMB)

**SUBJECT: DEBT SERVICE ADMINISTRATION AND ARBITRAGE
REPORTING: DELINEATION OF RESPONSIBILITES BETWEEN
THE COUNTY, OFMB AND THE CLERK & COMPTROLLER'S
OFFICE**

PPM#: CW-F-080

ISSUE DATE
June 14, 2019

EFFECTIVE DATE
June 14, 2019

PURPOSE:

To establish responsibilities between the County (specifically OFMB, Department of Airports (DOA) and Water Utilities Department (WUD)) and the Clerk & Comptroller's Office (specifically the Financial Reporting Department, Finance Department, and Minutes Section) with respect to debt service administration, arbitrage compliance and the reporting of the County's long-term debt.

UPDATES:

Future updates to this PPM are the responsibility of the Director of OFMB.

AUTHORITY:

- Florida Statutes, Sections 125.01, 125.013, 125.17 and 129.06, as may be amended.
- Article VIII, Section 1(d), Florida Constitution, as may be amended.
- Palm Beach County Administrative Code, Sections 101.00, 301.00, 303.00, 304.00, 311.00 and 312.00, as may be amended.
- Internal Revenue Code, Section 148, as may be amended.

POLICY:

The Board of County Commissioners (Board) authorizes and approves the issuance and refunding of County long-term debt based on the recommendations of the County Administrator, the County Financing Committee (CFC), the Debt Manager and the County's Financial Advisor (FA) and for self-supporting debt of Enterprise Funds, the respective department head of the Department of Airports and the Water Utilities Department.

Responsibilities of the County:

OFMB coordinates financial planning, monitoring and issuance of County long-term debt, annual budget preparation and administration of debt service accounts for all ad valorem and non ad valorem debt. For self supporting enterprise fund debt, the annual budget preparation and administration of debt service accounts is the responsibility of DOA and WUD respectively. OFMB has the following primary responsibilities with respect to administration of the County's long-term debt program:

1. After Board approval of a project to be financed, the CFC, the County's FA, and the Debt Manager including DOA and WUD when needed, will discuss the financing alternatives and determine the appropriate method of financing the project and make a recommendation to the County Administrator.
2. The Debt Manager coordinates the activities of the CFC, the FA, the underwriters, bond counsel and disclosure counsel for the issuance of the County's debt obligations. The CFC (which includes DOA and WUD when needed) along with the FA recommends method of sale, reviews bids or RFP responses and makes a recommendation to the County Administrator who submits an agenda item to the Board for its approval (refer to PPM CW-F-074). Bond counsel prepares the bond resolution and disclosure counsel prepares the official statement (refer to PPM CW-F-079). The Debt Manager prepares the agenda items for the bond resolution and the bond purchase agreement for approval by the Board. The Debt Manager coordinates the pre-closing where final documents are signed by the Mayor of the Board or his or her designee and sealed by the Clerk & Comptroller or their designees. Bond counsel confirms to the Debt Manager that the wiring of funds has been completed and the bond issue is closed.
3. The Debt Manager coordinates the flow of financial information, economic data and other information to the rating agencies and other outside financial institutions. Information requests from the rating agencies may require other County staff including but not limited to the County Administrator, OFMB Director, Budget Director and the affected department head or designee to provide information to the Debt Manager or in some cases directly to the rating agencies. This information exchange is critical to obtaining a favorable rating for each new bond issue as well as maintaining the County's overall credit rating as high as possible (currently AAA). These bond ratings are received by the Debt Manager and the FA.
4. The Debt Manager, DOA and WUD shall maintain copies of documents deemed necessary for responding to requests for information and in support of annual budgetary requirements, including official statements and debt service amortization schedules. Although there is some duplication of these records between OFMB, DOA, WUD, Finance and the Minutes Section in the Clerk's Office, the "official records" shall be those in the Minutes Section.

5. The assigned Budget Analyst, through collaboration with the Debt Manager, will prepare the annual debt service budgets for all ad valorem and non-ad valorem funded debt. Enterprise fund debt service budgets are prepared by DOA and WUD respectively. During this process, current year budgets are reviewed and if necessary, budget amendments and transfers are prepared and submitted to the Board for approval.
6. The Debt Manager is responsible for monitoring the County's arbitrage compliance with federal tax requirements for the County's tax-exempt bonds and other tax-exempt obligations such as notes, installment sale arrangements and financing lease arrangements. The arbitrage consultant retained by the Clerk's office provides on an annual basis, an analysis of all County debt-for potential liability, rebate, yield restriction or other arbitrage related issues. The Debt Manager reviews the arbitrage analysis and coordinates with the Budget Division, other departments, Finance, and the consultant to prepare the necessary amendments, transfers and payments.
7. The Debt Manager, DOA and WUD reviews on an annual basis the County's compliance with existing bond covenants and accordingly complete checklists which are kept on file in Finance. With respect to compliance with Rule 15c2-12 of the Securities and Exchange Commission (SEC), the County provides to the Electronic Municipal Market Access (EMMA) within 180 days after the end of the County's Fiscal Year, audited financial statements prepared in accordance with generally accepted accounting principles and updates of other financial and operating data, including revenues, annual debt service requirements and historical debt coverage, which is included in its Official Statements.
8. When a new debt issue supported by legally available non-ad valorem revenues is issued, the Debt Manager ascertains that (i) the total non-self supporting debt service (as defined in the related bond resolution) for each fiscal year does not exceed 50% of non-ad valorem revenues of the County; (ii) the County's non-ad valorem revenues (based on the most recent fiscal year) will be greater than 2 times the annual debt service on non-self supporting debt; and (iii) the aggregate principal amount of non-self supporting debt bearing interest at a variable rate does not exceed 25% of the aggregate principal amount of all non-self supporting debt. With respect to continuing disclosure requirements of Rule 15c2-12 of the SEC, the Debt Manager coordinates with disclosure counsel to assure that the Official Statement for each new bond issue contains the same financial information and operating data concerning historical debt coverage, revenues and annual debt service requirements that are reported in the County's annual audited financial statements, the Comprehensive Annual Financial Report (CAFR). The County will provide in a timely manner to EMMA or the Municipal Securities Rulemaking Board notice of any of the Material Events as defined in the Rule 15c2-12.

Responsibilities of Finance:

The Clerk & Comptroller (Clerk) is the ex-officio clerk of the Board of County Commissioners as set forth in in article VIII, Section 1, Florida Constitution which includes keeping minutes and accounts and the record keeping functions enumerated in Florida Statutes Section 125.17. As such Finance maintains the County's official financial records. The Clerk & Comptroller's responsibilities with regard to the County's long-term debt include the following:

1. Appoints a representative from the Clerk & Comptroller's Office to the County Financing Committee to review and make recommendations to the County Administrator regarding the issuance and management of County debt obligations.
2. Maintains the official records for the County's actions regarding long-term debt.
3. Ensure compliance with debt covenants applicable to Finance and make debt service payments in a timely manner.
4. Maintains supporting documentation for debt service payments including invoices, amortization schedules of principal and interest payments and statements from paying agents, registrar banks and where applicable, trustees and escrow agents.
5. Posts principal and other debt service payments to the appropriate budget during the year. At year end, the principal payments paid solely from Enterprise Fund revenues are to be reclassified to the appropriate liability account.
6. Handles day to day accounting for debt transactions and ensures proper recording of these transactions in the general ledger
7. The CAFR contains financial and operating data including historical debt coverage, revenues and debt service requirements that are disclosed in the County's official statements. In compliance with Rule 15c2-12 of the SEC, the Clerk's office submits the CAFR to EMMA as required.
8. The Clerk's office maintains a contract with a third party arbitrage consultant for the purpose of providing arbitrage consulting services including but not limited to:
 - a) annual analysis of all County debt
 - b) arbitrage rebate calculations
 - c) yield restriction calculations
 - d) technical support on an ad-hoc basis

The Clerk's office reviews the reports of the arbitrage consultant and discusses any concerns with the Debt Manager. The Clerk's office files the appropriate IRS arbitrage rebate and yield restriction reports, along with any payments due for the

County's long-term debt and maintains related supporting documentation and copies in accordance with applicable local, State and Federal laws.

RECORDKEEPING FOR ARBITRAGE COMPLIANCE:

1. Purchases or sales of investments made with proceeds of each issue of Bonds (including amounts treated as "gross proceeds" as a result being part of a sinking fund or pledge fund) and receipts of earnings on those investments;
2. The final allocation of the proceeds of each issue of Bonds to expenditures, together with purchase contracts, construction contracts, invoices, and cancelled checks;
3. After the expiration of the applicable temporary period, if an issue is yield restricted and yield reduction payments are not allowed, a record of any non-pool investments made under the direction of the consultant with unspent proceeds to insure compliance with the yield restriction rules.
4. If applicable, that the debt issued has complied with one or more available spending exceptions to the arbitrage rebate requirement with respect of the Bonds.
5. Copies of all arbitrage reports and related backup, filings and payments including Form 8038-T.
6. The final closing documents for each bond issue including the Tax Certificate.

Records should generally be kept for as long as the bonds are outstanding plus 5 years after the final redemption date of the bonds. This rule is consistent with the State of Florida General Records Schedule (GS1-SL #417). Specific record retention requirements under section 1.148-5(d)(6)(iii)(E) of the arbitrage regulations stipulate that, for certain federal tax purposes, a refunding bond issue is treated as replacing the original new money issue. Accordingly, certain material records relating to the original new money issue and all material records relating to the refunding issue should be maintained until 5 years after the final redemption of both bond issues.



VERDENIA C. BAKER
COUNTY ADMINISTRATOR

Attachments:

Attachment A: Arbitrage Definitions and Guidance

Supersession History:

1. PPM# CW-F-058, effective 9/1/95
2. PPM# CW-F-058, effective 7/1/07
3. PPM# CW-F-080, effective 8/31/09
4. PPM# CW-F-080, effective 9/7/11
5. PPM# CW-F-080, effective 3/11/13
6. PPM# CW-F-080, effective 4/25/14

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ARBITRAGE DEFINITIONS AND GUIDANCE

1. Definitions.

Capitalized terms not otherwise defined herein will have meanings given to them in sections 103, 141, 148, 149 and 150 of the Code and the Treasury Regulations promulgated thereunder.

“Available Construction Proceeds” means, in general, an amount equal to the sum of (a) the issue price (within the meaning of sections 1273 and 1274 of the Code but without regard to accrued interest) of the Construction Issue, (b) investment earnings on a Reasonably Required Reserve or Replacement Fund allocable to the Construction Issue prior to the earlier of 2 years after the date of issue of the Obligations and the date that construction is substantially completed, and (c) the investment earnings on amounts described in (a) and (b), reduced by (i) the amount of the issue price deposited in a Reasonably Required Reserve or Replacement Fund and (ii) the amount of the issue price used to pay issuance costs. Available Construction Proceeds does not include (a) Sale Proceeds or Investment Proceeds derived from Payments under any Purpose Investment of the Construction Issue, (b) repayments of any Grants financed by the issue, (c) investment earnings on accrued interest, (d) amounts that are not Gross Proceeds as a result of the application of the Universal Cap under Treasury Regulations §1.148-6(b)(2) and (e), if the Issuer has elected in its Tax Certificate, earnings with respect to any portion of a Reasonably Required Reserve or Replacement Fund allocable to the Construction Issue. For purposes of determining compliance with the spending requirements as of the end of each of the first three spending periods, Available Construction Proceeds includes the amount of future earnings that the Issuer reasonably expected as of the date of issue of the Obligations.

“Bid Records” means: (i) a copy of the Guaranteed Investment Contract actually acquired or, in the case of Yield Restricted Defeasance Escrow Investments, a copy of the purchase agreement or confirmations for the investments; (ii) the receipt or other record of the amount actually paid by the Issuer for the investments, including a record of any administrative costs paid by the Issuer, and the certification of the provider as to administrative costs; (iii) either a written copy of each bid received or a written certification from the party receiving the bids which lists for each bid that is submitted, the name of the person and entity submitting the bid, the time and date of the bid, and the bid results; (iv) the bid solicitation form and, if the terms of the Guaranteed Investment Contract or purchase agreement deviated from the bid solicitation form or a submitted bid is modified, a brief statement explaining the deviation and stating the purpose for the deviation; and (v) in the case of Yield Restricted Defeasance Escrow Investments, a schedule showing the cost of the most efficient portfolio of SLGS, determined at the time the bids were required to be submitted pursuant to the terms of the bid specifications.

“Bona Fide Debt Service Fund” means a bona fide debt service fund as defined in Treasury Regulations §1.148-1, *i.e.*, one or more funds (including portions of funds, to the extent

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that amounts deposited therein are reasonably expected to be used to pay debt service on an issue of bonds) that are used primarily to achieve a proper matching of revenues and debt service within each Bond Year and that is depleted at least once a year except for a reasonable carryover amount (not to exceed the greater of (i) the earnings on the fund for the immediately preceding Bond Year or (ii) one-twelfth the principal and interest payments on the issue for the immediately preceding Bond Year).

“Bona Fide Solicitation” means a solicitation that meets all of the following requirements: (i) the bid specifications are in writing and are timely forwarded to potential providers; (ii) the bid specifications include all material terms of the bid, *i.e.*, all terms that may directly or indirectly affect the yield of the investment; (iii) the bid specifications include a statement notifying potential providers that submission of a bid is a representation that the potential provider did not consult with any other potential provider about its bid, that the bid was determined without regard to any other formal or informal agreement that the potential provider has with the Issuer or any other person (whether or not in connection with the Bond issue), and that the bid is not being submitted solely as a courtesy to the Issuer or any other person for purposes of satisfying the requirements that there be at least three bids from persons with no Material Financial Interest, at least one of whom is a reasonably competitive provider; (iv) all the terms of the bid specifications are commercially reasonable in that there is a legitimate business purpose for the term other than to increase the purchase price or reduce the yield of the investment; (v) in the case of a Guaranteed Investment Contract, the terms of the solicitation take into account the Issuer’s reasonably expected deposit and drawdown schedule for the amounts to be invested; (vi) all potential providers have an equal opportunity to bid and no potential provider is given the opportunity to review other bids before providing a bid; and (vii) at least three reasonably competitive providers are solicited for bids.

“Bond Year” means, in connection with the calculation of the Rebate Amount, each 1-year period (or shorter period from the date of issue) that ends at the close of business on the day in the calendar year that is selected by the Issuer. If no day is selected by the Issuer before the earlier of the final maturity date of the Obligations or the date that is 5 years after the issue date of the Obligations, each Bond Year ends at the close of business on the day preceding the anniversary of the date of issuance of the Obligations.

“Capital Expenditure” means any cost of a type that is properly chargeable to a capital account (or would be so chargeable with a proper election or with the application of the definition of Placed in Service under Treasury Regulations §1.150-2(c)) under general federal income tax principles.

“Code” means the Internal Revenue Code of 1986, as amended.

“Commingled Fund” means any fund or account containing both Gross Proceeds of an issue and amounts in excess of \$25,000 that are not Gross Proceeds of that issue if the amounts in the fund or account are invested and accounted for collectively, without regard to the source of funds deposited in the fund or account. An open-end regulated investment company under section 851 of the Code, however, is not a Commingled Fund.

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“Computational Base” means (i) for a Guaranteed Investment Contract, the amount of Gross Proceeds the Issuer reasonably expects, as of the date the Guaranteed Investment Contract is acquired, to be deposited in the Guaranteed Investment Contract over the term of the Guaranteed Investment Contract; and (ii) for investments (other than Guaranteed Investment Contracts) to be deposited in a Yield Restricted Defeasance Escrow, the amount of Gross Proceeds initially invested in those investments.

“Computation Period” means the period between the computation dates described in Section 4(b) hereof. The first begins on the Issue Date of the Obligations and ends on the initial rebate Computation Date. Each succeeding Computation Period begins on the date immediately following the preceding rebate Computation Date and ends on the next rebate Computation Date.

“Construction Expenditures” mean construction expenditures as defined in Treasury Regulations §1.148-7(g), i.e., Capital Expenditures that are allocable to the cost of real property or “constructed personal property.” In general, Construction Expenditures do not include expenditures for acquisitions of interests in land or other existing real property. Expenditures are not considered to be for the acquisition of an interest in existing real property, other than land, if the contract between the seller and the Issuer requires the seller to build or install the property, but only to the extent that the property has not been built or installed at the time the parties enter into the contract. Constructed personal property means tangible personal property (or, if acquired pursuant to a single acquisition contract, properties) or “specially developed computer software” if: (a) a substantial portion of the property or properties is completed more than 6 months after the earlier of the date construction or rehabilitation commenced and the date the Issuer entered into an acquisition contract; (b) based on the reasonable expectations of the Issuer, if any, or representations of the person constructing the property, with the exercise of due diligence, completion of construction or rehabilitation (and delivery to the Issuer) could not have occurred within that 6-month period; and (c) if the Issuer itself builds or rehabilitates the property, not more than 75 percent of the capitalizable cost is attributable to property acquired by the Issuer. Specially developed computer software means any programs or routines used to cause a computer to perform a desired task or set of tasks, and the documentation required to describe and maintain those programs, provided that the software is specially developed and is functionally related and subordinate to real property or other constructed personal property.

“Construction Issue” means, the portion (if any) of the Obligations determined to be a Construction Issue for purposes of the section 148(f)(4)(C) of the Code, Treasury Regulations §1.148-7(e) and Section 4 hereof. With respect to any issue refunded by the Obligations, or which is a part of a series of issues refunded by the Obligations, “Construction Issue” means the portion (if any) of the original obligations issued to finance an expenditure (the “original obligations”) determined in the Tax Certificate with respect to original obligations to be a “Construction Issue” for purposes of the section 148(f)(4)(C) of the Code and Treasury Regulations §1.148-7(e).

“Controlled Group” means a group of entities controlled directly or indirectly by the same entity or group of entities. The determination of direct control is made on the basis of all the relevant facts and circumstances. One entity or group of entities generally controls another

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entity or group of entities if (i) the controlling entity possesses either (A) the right or power both to approve and to remove without cause a controlling portion of the governing body of the controlled entity, or (B) the right or power to require the use of funds or assets of the controlled entity for any purpose of the controlling entity; and (ii) the rights or powers are discretionary and non-ministerial. If a controlling entity controls another entity under this test the controlling entity also controls all entities controlled, directly or indirectly, by the controlled entity or entities. However, an entity is not controlled by another entity if the putative controlled entity possesses substantial taxing, eminent domain, and police powers.

“De Minimis Amount” means: (i) in reference to original issue discount (as defined in section 1273(a)(1) of the Code) or premium on an obligation, an amount that does not exceed 2 percent multiplied by the stated redemption price at maturity; plus any original issue premium that is attributable exclusively to reasonable underwriter’s compensation; and (ii) in reference to market discount (as defined in section 1278(a)(2)(A) of the Code) or premium on an obligation, an amount that does not exceed 2 percent multiplied by the stated redemption price at maturity.

“Fair Market Value” shall have the meaning set forth in Section 3(d) hereof.

“501(c)(3) Organization” means an organization that is described in section 501(c)(3) of the Code and is exempt from tax under section 501(a) of the Code.

“Fixed Rate Investment” means any investment whose yield is fixed and determinable on the issue date of the investment.

“Future Value” means such term as defined in Treasury Regulations section 1.148-3(c) or successor regulations applicable to the Obligations calculated based on the yield of the Obligations.

“Guaranteed Investment Contract” means, in general, any Nonpurpose Investment that has specifically negotiated withdrawal or reinvestment provisions and a specifically negotiated interest rate and includes any agreement to supply investments on two or more future dates (*e.g.*, a forward supply contract), debt service fund forward agreements and debt service reserve fund agreements (*e.g.*, agreements to deliver United States Treasury Obligations). The term “Guaranteed Investment Contract” does not include investments purchased for a yield restricted defeasance escrow, other than escrow float contracts and similar agreements which provide securities for the period of 90 days or less following the maturity of defeasance escrow securities.

“Governmental Unit” means a governmental unit within the meaning of section 150(a)(2) of the Code (*i.e.*, any state or division of a state with a substantial amount of sovereign powers) or instrumentality of a state or political subdivision thereof. The term Governmental Unit does not include the United States or any agency or instrumentality of the United States.

“Grant” means a grant as defined in Treasury Regulations §1.148-6(d)(4)(iii), *i.e.*, a transfer for a governmental purpose of money or property to a transferee that is not a Related Party to, or an agent of, the transferor. The transfer must not impose any obligation or condition

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(directly or indirectly) to repay any amount to the transferor. Obligations or conditions intended solely to assure expenditure of the transferred moneys in accordance with the governmental purpose of the transfer do not prevent a transfer from being a Grant.

“Gross Proceeds” means, except as otherwise indicated, gross proceeds as defined in Treasury Regulations §1.148-1, *i.e.*, any Proceeds and Replacement Proceeds of an issue.

“Investment Proceeds” means investment proceeds as defined in Treasury Regulations §1.148-1, *i.e.*, any amounts actually or constructively received from investing Proceeds of the Obligations.

“Investment Property” means any investment which is: (i) a “security” (as defined in section 165(g)(2)(A) or (B) of the Code), *i.e.*, a share of stock in a corporation or a right to subscribe for or to receive a share of stock in a corporation; (ii) an obligation other than a Tax-exempt Bond, unless such obligation is a “specified private activity bond” within the meaning of section 57(a)(5)(C) of the Code (*i.e.*, a Tax-exempt Bond other than an obligation the interest on which is subject to the alternative minimum tax imposed on individuals and corporations); (iii) any “annuity contract” (as defined in section 72 of the Code); (iv) any “investment-type property” (within the meaning of Treasury Regulations §1.148-1(b)), *i.e.*, any property (other than property described in (i), (ii), (iii) or (v)) that is held principally as a passive vehicle for the production of income, including for this purpose, production of income includes any benefit based on the time value of money; or (v) any residential rental property for family units not located within the jurisdiction of the Issuer unless such property is acquired to implement a court ordered or approved housing desegregation plan. A prepayment for property or services is “investment-type property” if a principal purpose for prepaying is to receive an investment return from the time the prepayment is made until the time payment otherwise would be made. However, a prepayment will not be treated as “investment-type property” if it is made for a substantial business purpose other than investment return and (i) the prepayment is on substantially the same terms as are made by a substantial percentage of persons who are similarly situated but who are not beneficiaries of tax exempt financing, (ii) the prepayment is made within 90 days of the reasonably expected date of delivery to the Issuer of all of the property or services for which the prepayment is made, (iii) the prepayment is made for maintenance, repair, or an extended warranty with respect to personal property (for example, automobiles or electronic equipment); or updates or maintenance or support services with respect to computer software; and the same maintenance, repair, extended warranty, updates or maintenance or support services, as applicable, are regularly provided to nongovernmental persons on the same terms or (iv) the prepayment is made to acquire a supply of natural gas or electricity within the meaning of Treasury Regulation §1.148-1(e)(2)(iii).

“Issuer” means Palm Beach County, Florida.

“Lowest Cost Bona Fide Bid” means, in the case of Yield Restricted Defeasance Escrow Investments, either the lowest cost bid for the portfolio or, if the Issuer compares bids on an investment by investment basis, the aggregate cost of a portfolio comprised of the lowest cost bid for each investment. Any payment received by the Issuer from a provider at the time a

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Guaranteed Investment Contract (*e.g.*, an escrow float contract) is purchased for a Yield Restricted Defeasance Escrow under a bidding procedure that meets the requirements of clause (iv) of the definition of Bona Fide Solicitation is taken into account in determining the lowest cost bid. The Lowest Cost Bona Fide Bid must not be greater than the cost of the most efficient portfolio comprised exclusively of SLGS determined at the time that bids are required to be submitted pursuant to the terms of the bid specifications. This cost comparison is not required to be made if SLGS are not available for purchase on the day the bids are required to be submitted because sales of those securities have been suspended.

“Material Financial Interest” shall have the meaning set forth in Section 3(d)(v) hereof.

“Minor Portion” means, in general, a minor portion as defined in section 148(e) of the Code and Treasury Regulation §1.148-2(g), *i.e.*, the lesser of 5 percent of the Sale Proceeds of the Obligations or \$100,000.

“Net Sale Proceeds” means Sale Proceeds, less the portion of the Sale Proceeds invested in a Reasonably Required Reserve or Replacement Fund under section 148(d) of the Code and as part of the Minor Portion.

“New Money Portion” means the portion of an issue that is not a Refunding Issue.

“Nonconstruction Issue” means the Gross Proceeds of the Obligations other than the portion of Gross Proceeds of the Obligations meeting the requirements of section 148(f)(4)(C) of the Code, Treasury Regulations §1.148-7(e) and Section 4 hereof as a Construction Issue.

“Nonpurpose Investment” means an investment allocated to Gross Proceeds of the Obligations that is not acquired to carry out the governmental purpose of an issue, *i.e.*, all Investment Property acquired or otherwise allocated to Gross Proceeds of the Obligations.

“Obligations” means any tax-exempt bonds or notes of the Issuer.

“Opinion of Counsel” means, an opinion of nationally recognized bond counsel experienced in matters relating to the exclusion of interest on state and local governmental obligations from gross income for purposes of federal income taxation.

“Payment” means, in general, a payment as defined in Treasury Regulations §1.148-5(b), *i.e.*, amounts to be actually or constructively paid to acquire the investment. For purposes of calculating the Rebate Amount under Section 4 hereof “payment” means a payment as defined in Treasury Regulations §1.148-3(d), *i.e.*, (i) amounts actually or constructively paid to acquire a Nonpurpose Investment (or treated as paid to a Commingled Fund); (ii) for a Nonpurpose Investment that is first allocated to an issue on a date after it is actually acquired (*e.g.*, an investment that becomes allocable to Transferred Proceeds or to Replacement Proceeds) or that becomes subject to the rebate requirement on a date after it is actually acquired (*e.g.*, an investment allocated to a Reasonably Required Reserve or Replacement Fund for a construction issue at the end of the 2-year spending period), the value of that investment on that date; (iii) for

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a Nonpurpose Investment that was allocated to an issue at the end of the preceding computation period, the value of that investment at the beginning of the computation period; (iv) on the last day of each Bond Year during which there are amounts allocated to Gross Proceeds of the Obligations that are subject to the rebate requirement, and on the final maturity date of the Obligations, a computation credit in the amount provided under Treasury Regulation §1.148-3(d)(1)(iv); and (v) Yield Reduction Payments on Nonpurpose Investments made pursuant to Treasury Regulations §1.148-5(c).

“Placed in Service” means placed in service as defined in Treasury Regulations §1.150-2(c), *i.e.*, with respect to a facility, the date on which, based on all the facts and circumstances the facility has reached a degree of completion that would permit its operation at substantially its design level, and the facility is, in fact, in operation at such level.

“Plain Par Bond” means a qualified tender obligation or an obligation (i) that is issued with not more than a De Minimis Amount of original issue discount or premium; (ii) that is issued for a price that does not include accrued interest other than pre-issuance accrued interest; (iii) that bears interest from the issue date at a single, stated, fixed rate or that is a variable rate debt instrument under section 1275 of the Code, in each case with interest unconditionally payable at least annually; and (iv) that has a lowest stated redemption price that is not less than its outstanding stated principal amount.

“Plain Par Investment” means an investment that is an obligation (i) issued with not more than a De Minimis Amount of original issue discount or premium, or, if acquired on a date other than the issue date, acquired with not more than a De Minimis Amount of market discount or premium; (ii) issued for a price that does not include accrued interest other than pre-issuance accrued interest; (iii) that bears interest from the issue date at a single, stated, fixed rate or that is a variable rate debt instrument under section 1275 of the Code, in each case with interest unconditionally payable at least annually; and (iv) that has a lowest stated redemption price that is not less than its outstanding stated principal amount.

“Preliminary Expenditures” mean preliminary expenditures as defined in Treasury Regulations §1.150-2(f)(2), *e.g.*, architectural, engineering, surveying, soil testing, costs of issuance and similar costs that were incurred prior to commencement of acquisition, construction or rehabilitation of a project, other than land acquisition, site preparation and similar costs incident to commencement of construction.

“Present Value” is computed under the economic accrual method. For purposes of computing the value of Obligations and yield on the Obligations, Present Value is computed taking into account all the unconditionally payable Payments of principal, interest, and fees for a Qualified Guarantee to be paid on or after that date and using the yield on that Obligation as the discount rate, except that for purposes of Treasury Regulations §1.148-(6)(b)(2) (relating to the Universal Cap) these values may be determined by consistently using the yield on the entire issue of which such Obligations are a part. The Present Value of an investment on a date is equal to the Present Value of all unconditionally payable Receipts to be received from and Payments to be paid for the investment after that date, using the yield on the investment as the discount rate.

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“Prior Issue” means an issue of Obligations all or a portion of the principal, interest, or call premium on which is paid or provided for with proceeds of a Refunding Issue.

“Proceeds” means, in general, any Sale Proceeds, Investment Proceeds, and Transferred Proceeds of an issue. However, Proceeds do not include Qualified Administrative Costs that may be recovered under Treasury Regulation §1.148-5(e).

“Purpose Investment” means an investment that is acquired to carry out the governmental purpose of an issue.

“Qualified Administrative Costs” mean, with respect to Nonpurpose Investments reasonable, direct administrative costs, other than carrying costs, such as separately stated brokerage or selling commissions, but not legal and accounting fees, recordkeeping, custody, and similar costs. General overhead costs and similar indirect costs of the Issuer such as employee salaries and office expenses and costs associated with computing the Rebate Amount are not qualified administrative costs. In general, administrative costs with respect to Nonpurpose Investments are not reasonable unless they are comparable to administrative costs that would be charged for the same investment or a reasonably comparable investment if acquired with a source of funds other than Gross Proceeds of Tax-exempt Bonds. Qualified Administrative Costs of Nonpurpose Investments include all reasonable administrative costs, without limitation on indirect costs, incurred by a publicly offered regulated investment company (as defined in section 67(c)(2)(B) of the Code) or by a Commingled Fund in which the Issuer and any Related Parties do not own more than 10 percent of the beneficial interest in the fund. A broker’s commission or similar fee for a Guaranteed Investment Contract or a Yield Restricted Defeasance Escrow Investment which is paid on behalf of either the Issuer or the provider is a Qualified Administrative Cost to the extent that (a) the amount of the fee that the Issuer treats as a Qualified Administrative Cost does not exceed the lesser of (i) \$36,000 or (ii) 0.2% of the Computational Base or, if more, \$4,000, and (b) for any issue, the Issuer does not treat as Qualified Administrative Costs more than \$101,000 in broker’s commissions or similar fees with respect to all Guaranteed Investment Contracts or Yield Restricted Defeasance Escrow Investments purchased with Gross Proceeds of the issue. All amounts referenced in the preceding sentence reflect adjustments as of 2011, and all amounts for future calendar years shall be increased by a cost of living adjustment as provided in Treasury Regulation §1.148-5(e)(3)(B)(3). Qualified Administrative Costs of a Purpose Investment means costs or expenses paid, directly or indirectly, to purchase, carry, sell, or retire the Purpose Investment, and except with respect to a Program Investment, costs of issuing, carrying, or repaying the issue, and any underwriters’ discount.

“Qualified Guarantee” means a qualified guarantee as defined in Treasury Regulations §1.148-4(f).

“Qualified Hedge” means a qualified hedge as defined in Treasury Regulations §1.148-4(h)(2), *i.e.*, (i) a contract entered into primarily to reduce the Issuer’s risk of interest rate changes with respect to a borrowing; (ii) the contract contains no significant investment element; (iii) the contract is entered into between the Issuer and a provider that is not a Related Party; (iv)

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the hedge covers all of one or more groups of substantially identical Obligations; (v) changes in the value of the contract are based primarily on interest rate changes; (vi) the contract does not hedge an amount larger than the Issuer's risk with respect to interest rate changes on the hedged Obligations; (vii) the payments to the Issuer under the contract correspond closely, in both time and amount, to the specific interest payments being hedged; (viii) payments under the contract do not begin to accrue under the contract on a date earlier than the issue date of the hedged Obligations and do not accrue longer than the hedged interest payments on the hedged Obligations; (ix) payments to the hedge provider are reasonably expected to be made from the same source of funds that, absent the hedge, would be reasonably expected to be used to pay principal and interest on the hedged Obligations; and (x) the contract is identified by the Issuer on its books and records maintained for the hedged Obligations not later than three days after the date on which the parties enter into the contract or the issue date of the hedged Obligations.

“Reasonable Retainage” means an amount not in excess of 5 percent of Available Construction Proceeds as of the end of the fourth spending period (or in the case of the *18-month Exception* set forth Treasury Regulations §1.148-7(d) and Section hereof, 5 percent of the Net Sale Proceeds on the date 18 months after the issue date) that is retained for reasonable business purposes relating to the property financed with the proceeds of the issue.

“Reasonably Required Reserve or Replacement Fund” means, in general, a reasonably required reserve or replacement fund as described in Treasury Regulations §1.148-2(f)(2).

“Receipt” means, except as otherwise provided with respect to the rebate requirement, a receipt as defined in Treasury Regulations §1.148-3(d), *i.e.*, amounts to be actually or constructively received from the investment, such as earnings and return of principal.

“Refunding Escrow” means one or more funds established as part of a single transaction or a series of related transactions, containing proceeds of a Refunding Issue and any other amounts to provide for payment of principal or interest on one or more Prior Issues. For this purpose, funds are generally not so established solely because of (i) the deposit of Proceeds of an issue and Replacement Proceeds of the Prior Issue in an escrow more than 6 months apart, or (ii) the deposit of Proceeds of completely separate issues in an escrow.

“Refunding Issue” means, a refunding issue as defined in Treasury Regulations §1.150-1(d). In general, a Refunding Issue means an issue (or the portion of an issue treated as a separate Refunding Issue under Treasury Regulations §1.148-9(h)), the proceeds of which are used to pay principal, interest, or redemption price on another issue.

“Related Party” means, in reference to a Governmental Unit or a 501(c)(3) Organization, any member of the same Controlled Group, and, in reference to any person that is not a Governmental Unit or 501(c)(3) Organization, a related person (as defined in section 144(a)(3) of the Code).

“Replacement Proceeds” means replacement proceeds as defined in Treasury Regulation §1.148-1(c).

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“Sale Proceeds” means any amounts actually or constructively received from the sale of an issue, including amounts used to pay underwriter’s discount or compensation and accrued interest other than pre-issuance accrued interest.

“SLGS” means State and Local Government Series Securities purchased from the United States Department of Treasury, Bureau of Public Debt.

“Substantial Beneficiary” of the obligations means the issuer, any related party to the issuer and the State in which the Issuer is located.

“Tax-exempt Bond” means any obligation of a state or political subdivision thereof under section 103(c)(1) of the Code (including financing leases and any other arrangements, however labeled) the interest on which is excludable from gross income under section 103(a) of the Code. Tax-exempt Bond includes an interest in a regulated investment company to the extent that at least 95 percent of the income to the holder of the interest is interest that is excludable from gross income under section 103(a) of the Code.

“Tax Certificate” means, with respect to each issue of Obligations, the Issuer’s Tax Certificate delivered as part of the record of proceedings with respect to the issuance of the Obligations for the purpose of complying with Treasury Regulation §1.148(2)(b).

“Transferred Proceeds” means transferred proceeds as defined in Treasury Regulation §1.148-9.

“Universal Cap” means, on any date, either (i) the present value of the Obligations determined by taking into account all unconditionally payable payments of principal, interest and fees for a Qualified Guarantee to be paid on or after that date, using the yield on the Obligations as the discount rate, or (ii) in the case of any Obligations which are Plain Par Bonds, the outstanding stated principal amount of such Obligations, plus accrued unpaid interest.

2. Allocation and Accounting.

(a) *In General.* Except as otherwise provided in this Section 2, the Issuer may use any reasonable accounting method for purposes of accounting for Gross Proceeds, investments, and expenditures, provided the accounting method is consistently applied. An accounting method means both the overall method used to account for Gross Proceeds of an issue (e.g., the cash method or a modified accrual method) and the method used to account for or allocate any particular item within that overall accounting method (e.g., accounting for investments, expenditures, allocations to and from different sources, and particular items of the foregoing). Consistently applied means applied uniformly within a fiscal period and between fiscal periods to account for Gross Proceeds of an issue and any amounts that are in a Commingled Fund. An accounting method will not fail to be reasonable and consistently applied solely because a different accounting method is used for a bona fide governmental purpose to consistently account for a particular item.

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(b) *Allocation of Gross Proceeds to the Obligations.* (i) In General. Gross Proceeds will be allocated to the Obligations as Proceeds until those amounts are properly allocated to an expenditure for a governmental purpose or are allocated to Transferred Proceeds of another issue, or cease to be allocated to the Obligations under the Universal Cap.

(i) *Universal Cap.* The Universal Cap provides an overall limitation on the amount of Gross Proceeds allocable to an issue. Except as provided in Section 2(b)(iii), unless the application of the Universal Cap would not result in a reduction or reallocation of Gross Proceeds of the Obligations on a date the Issuer will determine or cause to be determined the Universal Cap with respect to the Obligations (A) as of the first day of each Bond Year, beginning with the first Bond Year that commences after the second anniversary of the date hereof, and (B) as of each date that, but for application of the Universal Cap, Proceeds of a refunded issue would become Transferred Proceeds of the Obligations but need not determine the Universal Cap in the Bond Year in which that date occurs.

(ii) If the Issuer reasonably expects, as of the issue date of the Obligations that the Universal Cap will not reduce the amount of Gross Proceeds allocable to the Obligations during the term of the Obligations, the Universal Cap need not be calculated on any date on which: (A) no Replacement Proceeds are allocable to the Obligations, other than Replacement Proceeds in a Bona Fide Debt Service Fund or a Reasonably Required Reserve or Replacement Fund; (B) the Net Sale Proceeds of the Obligations qualified for one of the temporary periods provided in Treasury Regulations §1.148-2(e)(2), (e)(3), or (e)(4), and those Net Sales Proceeds are in fact allocated to expenditures prior to the expiration of the longest applicable temporary period; or the Net Sale Proceeds of the Obligations were deposited in a Refunding Escrow and expended as originally expected; (C) the Obligations do not refund an issue that, on any transfer date, has unspent proceeds allocable to it; (D) none of the Obligations are retired prior to the date on which those Obligations are treated as retired in computing the yield on the Obligations; and (E) no Proceeds of the Obligations are invested in “qualified student loans” or “qualified mortgage loans” (as defined in Treasury Regulations §1.150-1).

(iii) If the value of all Nonpurpose Investments allocated to the Gross Proceeds of the Obligations exceeds the Universal Cap on a date as of which the Universal Cap is determined such Nonpurpose Investments allocable to Gross Proceeds of the Obligations necessary to eliminate that excess will cease to be allocated to the Obligations, in the following order of priority: (A) Nonpurpose Investments allocable to Replacement Proceeds; (B) Nonpurpose Investments allocable to Transferred Proceeds; and (C) Nonpurpose Investments allocable to Sale Proceeds and Investment Proceeds.

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For this purpose Nonpurpose Investments may be valued (i) in the case of a Plain Par Investment at its principal amount plus any accrued unpaid interest on that date; (ii) in the case of fixed rate investments, at its Present Value on that date; or (iii) in the case of any other investment, at its Fair Market Value.

(c) *Allocations to Expenditures.* (i) *In General.* Reasonable accounting methods for allocating funds from different sources to expenditures for the same governmental purpose include any of the following methods if consistently applied: a specific tracing method; a Gross Proceeds spent first method; a first-in, first-out method; or a ratable allocation. An allocation of Gross Proceeds of an issue to an expenditure must involve a current outlay of cash for a governmental purpose of the issue. A current outlay of cash means an outlay reasonably expected to occur not later than 5 banking days after the date as of which the allocation of Gross Proceeds to the expenditure is made. A payment of Gross Proceeds to a Related Party of the Issuer is not an expenditure of those Gross Proceeds. Gross Proceeds paid to the Related Party are expended only when the Gross Proceeds are properly allocable to an expenditure by the Related Party.

(ii) *Expenditures for Working Capital Purposes.* Except as otherwise provided in Section 2(c)(iii), Proceeds of the Obligations and Replacement Proceeds of the Obligations that are allocated to the payment of expenditures or to the reimbursement of expenditures other than expenditures that are (A) Capital Expenditures; (B) Qualified Administrative Costs; (C) fees for Qualified Guarantees of the issue or payments for a Qualified Hedge; (D) interest on the Obligations for a period commencing on the issue date and ending on the date that is the later of three years from the issue date or one year after the date on which the Projects are Placed in Service; (E) a Rebate Amount or Yield Reduction Payment paid to the United States; (F) costs that are directly related to Capital Expenditures financed by the issue that, in total, do not exceed 5 percent of the Sale Proceeds of the Obligations; (G) principal or interest on the Obligations paid from unexpected excess Sale Proceeds or Investment Proceeds; (H) principal or interest on the Obligations paid from investment earnings on a reserve or replacement fund that are deposited in a Bona Fide Debt Service Fund; (I) to pay for extraordinary, nonrecurring items that are not customarily payable from current revenues, such as casualty losses or extraordinary legal judgments in amounts in excess of reasonable insurance coverage; (J) for payment of principal, interest, or redemption prices on a Prior Issue; and (K) for a crossover Refunding Issue, interest on that issue will be treated as spent to the extent that those working capital expenditures exceed available amounts (as defined in Treasury Regulations §1.148-6(d)(3)(iii)) *as of that date.*

(iii) *Commingled Investment Earnings.* *Notwithstanding Subsection 2(c)(ii), investment earnings on Sale Proceeds of the Obligations (other than investment earnings held in a Refunding Escrow) may be allocated to expenditures other than expenditures described in Subsection 2(c)(ii), if the investment earnings are commingled for the purpose of accounting for*

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expenditures with substantial tax or other substantial revenues from operations of the Issuer and they are reasonably expected to be allocated (using any reasonable, consistently applied accounting method) to expenditures for governmental purposes of the Issuer within a period not to exceed six months from the date of the commingling.

(d) *Allocations of Gross Proceeds to Investments.* Upon the purchase or sale of a Nonpurpose Investment, Gross Proceeds of an issue will not be allocated to a Payment for that Nonpurpose Investment in an amount greater than, or to a Receipt from that Nonpurpose Investment in an amount less than, the Fair Market Value of the Nonpurpose Investment (adjusted to take into account Qualified Administrative Costs allocable to the investment) as of the purchase or sale date.

(e) *Allocation of Investments Held by a Commingled Fund.* (i) *In General.* All Payments and Receipts (including deemed Payments and Receipts) on investments held by a Commingled Fund must be allocated among the different “investors” in the fund not less frequently than as of the close of each fiscal period. This allocation must be based on a consistently applied reasonable, ratable allocation method. Reasonable ratable allocation methods include, methods that allocate these items in proportion to either (A) the average daily balances of the amounts in the Commingled Fund from different “investors” during a fiscal period; or (B) the average of the beginning and ending balances of the amounts in the Commingled Fund from different investors for a fiscal period that does not exceed one month. For purposes of this Subsection 2(e), the term “investor” means each different source of funds invested in a Commingled Fund. A Commingled Fund may use any consistent fiscal period that does not exceed three months.

(i) *Expenditures from a Commingled Fund.* If a ratable allocation method is used to allocate expenditures from the Commingled Fund, the same ratable allocation method must be used to allocate Payments and Receipts on investments in the Commingled Fund under this Subsection.

(ii) *Common Reserve Funds, Replacement Funds or Sinking Funds.* If a Commingled Fund serves as a common reserve fund, replacement fund, or sinking fund for two or more issues, investments held by that Commingled Fund must be allocated ratably (after any reallocations of Proceeds under Section 2(b)) among the issues served by the Commingled Fund according to (A) the relative values of the bonds of those issues (as determined under Treasury Regulations §1.148-4(e)); (B) the relative amounts of the remaining maximum annual debt service requirements on the outstanding principal amounts of those issues; or (C) the relative original stated principal amounts of the outstanding issues. Such allocations must be made at least every three years and as of each date that an issue first becomes secured by the Commingled Fund. If relative original principal amounts are used to allocate, allocations must also be made on the retirement of any issue secured by the Commingled Fund.

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3. *Yield and Valuation of Investments.* (a) *Mark-to-Market Requirement.* If Gross Proceeds of the Obligations are invested in a Commingled Fund in which the Issuer and any Related Party own more than 25 percent of the beneficial interests in the Commingled Fund, the Commingled Fund must treat all its investments as if sold at Fair Market Value either on the last day of the fiscal year or the last day of each fiscal period unless (i) the remaining weighted average maturity of all investments held by the Commingled Fund during the fiscal year does not exceed 18 months, and the investments held by the Commingled Fund during that fiscal year consist exclusively of Obligations, or (ii) the Commingled Fund operates exclusively as a reserve fund, sinking fund, or replacement fund for two or more issues of the same issuer. The net gains or losses from any such deemed sales of investments must be allocated to all investors of the Commingled Fund during the period since the last allocation. For purposes of this Subsection the “fiscal year” of a Commingled Fund is the calendar year unless the Commingled Fund adopts another “fiscal year.”

(a) *In General.* Yield on an investment, the Present Value of an investment and the Fair Market Value of an investment allocated to the Obligations will be computed under the economic accrual method, using the same compounding interval and financial conventions used to compute the yield on the Obligations. Except as otherwise provided in this Section 3, the yield on an investment allocated to the Obligations is the discount rate that, when used in computing the Present Value as of the date the investment is first allocated to the issue of all unconditionally payable Receipts from the investment, produces an amount equal to the Present Value of all unconditionally payable Payments for the investment. The Present Value of an investment on a date is equal to the Present Value of all unconditionally payable Receipts to be received from and Payments to be paid for the investment after that date, using the yield on the investment as the discount rate. The yield on a variable rate investment is determined in a manner comparable to the determination of the yield on a variable rate issue of Tax-exempt Bonds for purposes of section 148 of the Code. For purposes of the Investment Limitation described in the Tax Certificate, the yield on investments made with Sale Proceeds of the Obligations or investment earnings thereon that are subject to yield restriction will be computed separately from the yield on investments not subject to yield restriction.

(b) *Yield Reduction Payments to the United States.* The yield on any investments allocable to Sale Proceeds of the Obligations or investment earnings thereon that qualified for one of the temporary periods described in the Tax Certificate, other than Replacement Proceeds, may be calculated by taking into account any amount paid to the United States in accordance with this Section 3(b), including any Rebate Amount, as a Payment for that investment that reduces the yield on that investment. The yield on any investments allocable to Sale Proceeds may be calculated by taking into account any “Yield Reduction Payments,” as described in this Section 3(b) (including any Rebate Amount) as a Payment for that investment that reduces the yield on that investment. Yield Reduction Payments include payments paid to the United States at the same time and in the same manner as rebate amounts are required to be paid except:

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(i) No Yield Reduction Payments are required to be paid until 60 days after the date on which the issue is no longer outstanding; and

(ii) For Yield Reduction Payments paid prior to the date on which the Obligations are retired, the Issuer need not pay more than 75 percent of the amount otherwise required to be paid as of the date to which the payment relates.

(c) *Valuation of Investments.* The value of an investment (including a Payment or Receipt on the investment) on a date will be determined using one of the following valuation methods consistently for all purposes of section 148 of the Code to that investment on that date:

(i) A Plain Par Investment may be valued at its outstanding stated principal amount, plus any accrued unpaid interest on that date.

(ii) A Fixed Rate Investment may be valued at its Present Value on that date.

(iii) Any investment may be valued at its Fair Market Value on that date.

(d) *Fair Market Value.* (i) *In General.* The Fair Market Value of an investment is the price at which a willing buyer would purchase the investment from a willing seller in a bona fide, arm's-length transaction. Fair Market Value generally is determined on the date on which a contract to purchase or sell the Nonpurpose Investment becomes binding. Except as otherwise provided in this Section, an investment that is not of a type traded on an established securities market, within the meaning of section 1273 of the Code, will not be considered acquired or disposed of for a price that is equal to its Fair Market Value.

(i) *Direct United States Treasury Obligations.* The Fair Market Value of a United States Treasury obligation that is purchased directly from the United States Treasury is its purchase price.

(ii) *Certificate of Deposit.* The purchase price of a certificate of deposit that has a fixed interest rate, a fixed payment schedule, and a substantial penalty for early withdrawal may be treated as its Fair Market Value on the purchase date if the yield on the certificate of deposit is not less than the yield on reasonably comparable direct Obligations of the United States and the highest yield that is published or posted by the provider to be currently available from the provider on reasonably comparable certificates of deposit offered to the public.

(iii) *Guaranteed Investment Contracts.* The purchase price of a Guaranteed Investment Contract is treated as its Fair Market Value on the purchase date if: (A) the Issuer makes a Bona Fide Solicitation for a specified

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Guaranteed Investment Contract; (B) the Issuer receives at least three bids from providers for the specified Guaranteed Investment Contract that the Issuer solicited under a Bona Fide Solicitation that have no Material Financial Interest in the issue, at least one of whom is a reasonably competitive provider, *i.e.*, a provider that has an established industry reputation as a provider of Guaranteed Investment Contracts; (C) the Issuer purchases the highest-yielding Guaranteed Investment Contract for which a qualifying bid is made (determined net of broker's fees); (D) the obligor on the Guaranteed Investment Contract provides a written certification specifying all amounts that it is paying (or expects to pay) to third parties in connection with supplying the Guaranteed Investment Contract; and (E) the Issuer retains the Bid Records with the bond documents until three years after the last outstanding Obligation is redeemed.

(iv) *Yield Restricted Defeasance Escrow Investment.* The purchase price of a Yield Restricted Defeasance Escrow Investment is treated as its Fair Market Value on the purchase date if: (A) the Issuer makes a Bona Fide Solicitation for the purchase of the investment; (B) the Issuer receives at least three bids from providers that the Issuer solicited under a Bona Fide Solicitation that have no Material Financial Interest in the issue, at least one of whom is a reasonably competitive provider, *i.e.*, a provider that has an established industry reputation as a provider of the type of investment being purchased; (C) the winning bid is the Lowest Cost Bona Fide Bid (including any broker's fees); (D) the provider of the investments certifies the administrative costs that it is paying (or expects to pay) to third parties in connection with supplying the investments; and (E) the Issuer retains the Bid Records with the bond documents until three years after the last Obligation is redeemed.

(v) *Material Financial Interest.* For purposes of paragraphs (iii) and (iv) the following persons or entities are deemed to have a Material Financial Interest in the issue: (A) the lead underwriter in a negotiated underwriting transaction until 15 days after the issue date; (B) any entity acting as a financial advisor with respect to the purchase of the investment at the time the bid specifications are forwarded to potential providers; and (C) a Related Party to a provider that has a Material Financial Interest in the issue.

(vi) *Bidding.* If the Issuer invests any Gross Proceeds of the Obligations in a Guaranteed Investment Contract or purchases with Gross Proceeds Yield Restricted Defeasance Escrow Investments, it will conduct, or will have conducted on its behalf, a Bona Fide Solicitation. The Issuer will require the agent to certify as to the bidding process as set forth in the form of Certificate of Bidding Agent to be furnished by Bond Counsel, in the case of a Guaranteed Investment Contract or in the case of Yield Restricted Defeasance Escrow Investments. If the bidding process is not conducted through an agent, the Issuer itself will provide a similar certificate. The Issuer will file such certification

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together with the Bid Records, with the documents relating to the Obligations. If the Issuer wishes to invest Gross Proceeds of the Obligations in Certificates of Deposit it will obtain from the provider a certification that the Certificate of Deposit has a fixed rate, a fixed payment schedule and a substantial penalty for early withdrawal, and the yield on the certificate of deposit is not less than (A) the yield on reasonably comparable direct Obligations of the United States and (B) the highest yield published by the provider and currently available from the provider on reasonably comparable certificates of deposit offered to the public.

(e) *Administrative Costs.* Except for Qualified Administrative Costs, costs or expenses paid, directly or indirectly, to purchase, carry, sell, or retire investments will not increase Payments made for investments and will not reduce Receipts from Investments. Qualified Administrative Costs will increase the Payments for, or decrease the Receipts from, investments.

(f) *Record Keeping.* The Issuer shall keep, or cause to be kept, accurate records of the status of compliance of the Obligations with respect to compliance with the expenditure requirements at the end of each 6-month period described in Section 4(a)(ii)(C) hereof. The Issuer will keep, or cause to be kept, accurate records of each investment it makes in Investment Property acquired, directly or indirectly, with Gross Proceeds of the Obligations (other than revenues in a Bona Fide Debt Service Fund) and each expenditure it makes with Gross Proceeds of the Obligations. Such records will include all of the information necessary to compute the yield on each investment in Investment Property to the Issuer, e.g., purchase price, nominal interest rate, dated date, maturity date, type of property, frequency of periodic payments, period of compounding, yield to maturity, amount actually or constructively received on disposition, disposition date and evidence of the Fair Market Value of such property on the purchase date and disposition date (or deemed purchase or disposition date) for each item of such Investment Property.

4. Rebate Requirement.

(a) *Calculation of the Rebate Amount.* In general, the Rebate Amount, as of any date is the excess of the “future value.” as of that date, of all Receipts on Nonpurpose Investments allocated to the Obligations over the “future value.” as of that date, of all Payments on Nonpurpose Investments allocated to the Obligations. The “future value” of a Payment or Receipt at the end of any period is determined using the economic accrual method and equals the value of that Payment or Receipt when it is paid or received (or treated as paid or received), plus interest assumed to be earned and compounded over the period at a rate equal to the yield on the Obligations, using the same compounding interval and financial conventions used to compute the yield on the Obligations. Amounts earned on certain Gross Proceeds of the Obligations either may not be, or are not required to be, taken into account in determining the Rebate Amount. The earnings on Gross Proceeds excepted from the calculation of the Rebate Amount include the following:

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(i) *Bona Fide Debt Service Fund.* Amounts earned on a Bona Fide Debt Service Fund for the Obligations and amounts earned on such amounts may not be taken into account if the gross earnings on the Bona Fide Debt Service Fund for the Bond Year is less than \$100,000.

(ii) *Spending Exceptions.* Earnings with respect to certain Gross Proceeds described in 4(a)(ii) of this Section are not required to be taken into account in determining the Rebate Amount if requirements of 4(a)(ii)(B), 4(a)(ii)(C) or 4(a)(ii)(D) of this Section are met with respect to such Gross Proceeds.

(A) *Special Rules.* For purposes of 4(a)(ii) of this Section the following special rules will apply.

(I) If any portion of the Obligations is treated as a separate Refunding Issue under Treasury Regulations §1.148-9(h), that portion is treated as a separate issue.

(II) The only spending exception applicable to a Refunding Issue is the 6-month Exception.

(III) Solely for purposes of determining whether or not the expenditure requirement has been met under the 6-month Exception for a Refunding Issue, proceeds of the refunded issue that become Transferred Proceeds of the Refunding Issue are, in general, not treated as “gross proceeds” of the Refunding Issue and need not be spent for the Refunding Issue to satisfy that spending exception. However, Transferred Proceeds of the Refunding Issue that were from excluded “gross proceeds” of the refunded issue under the special definition of “gross proceeds” described in 4(a)(ii)(A)(IX) of this Section, and Transferred Proceeds from any prior taxable issue, are treated as “gross proceeds” of the Refunding Issue under the 6-month Exception unless those Transferred Proceeds are used in a manner that causes those amounts to be excluded from gross proceeds under the special definition described in 4(a)(ii)(A)(IX) of this Section. Transferred Proceeds excluded from Gross Proceeds for purposes of determining whether or not the expenditure requirement has been met are subject to rebate as proceeds of the Refunding Issue unless an exception to rebate applied to those proceeds as proceeds of the refunded issue.

(IV) Proceeds of the refunded issue, which for other purposes become Transferred Proceeds of the Obligations, continue to be treated as unspent proceeds of the refunded issue for

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purposes of applying the spending exceptions to an issue refunded by the Obligations.

(V) If the refunded issue satisfies one of the spending exceptions, the proceeds of the refunded issue that are excepted from rebate under that spending exception are not subject to rebate either as proceeds of the refunded issue or as Transferred Proceeds of the Obligations.

(VI) Expenditures for the governmental purpose of an issue include payments for interest, but not principal, on the issue, and for principal or interest on another issue of obligations. The preceding sentence does not apply for purposes of the 18-month Exception and 2-year Construction Exception if those payments cause the issue to be a Refunding Issue.

(VII) Any failure to satisfy the final spending requirement of the 18-month Exception or the 2-year Construction Exception described in 4(a)(ii)(D) of this Section is disregarded if the Issuer exercises due diligence to complete the Project and the amount of the failure does not exceed the lesser of (1) 3 percent of the Issue Price of the Nonconstruction Issue in the case of the 18-month Exception or the Construction Issue in the case of the 2-year Construction Exception or (2) \$250,000.

(VIII) For purposes of this Section only, a Reasonably Required Reserve or Replacement Fund also includes any fund to the extent described in Treasury Regulations §1.148-5(c)(3)(i)(E) or (G).

(IX) Solely for purposes of determining whether the expenditure requirements with respect to the 6-month Exception (as described in Section 4(a)(ii)(B)(I)) and the 18-month Exception (as described in Section 4(a)(ii)(C)(I)) have been met, “gross proceeds” does not include (1) amounts in a Bona Fide Debt Service Fund; (2) amounts in a Reasonably Required Reserve or Replacement Fund (as defined for purposes of this Section); (3) amounts that, as of the date the Obligations are issued, are not reasonably expected to be Gross Proceeds but that become Gross Proceeds after the end of the 6-month spending period (or the 1-year spending period in the case of the Minor Portion) and the third spending period in the case of the 18-month Exception; and (4) amounts representing repayments of Grants financed by the Obligations (if any).

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(B) *6-month Exception.* Earnings with respect to Gross Proceeds of a Nonconstruction Issue or the Refunding Issue (treated as separate issues) during the 6-month period beginning on the date of issue of the Obligations (the “6-month spending period”) and earnings with respect to an amount of Gross Proceeds of the Obligations not in excess of the Minor Portion during the 1-year period beginning on the date of issue of the Obligations (the “1-year spending period”) need not be taken into account if:

(I) The “gross proceeds” (as defined in this Section) of the respective issue are allocated to expenditures for the governmental purposes of the issue within the 6-month spending period, other than Gross Proceeds not in excess of the Minor Portion and such Minor Portion is allocated to expenditures for the governmental purposes of the issue within the 1-year spending period; and

(II) The rebate requirement is met for amounts not required to be spent within the 6-month spending period (excluding earnings on a Bona Fide Debt Service Fund) or the 1-year spending period for the Minor Portion.

(C) *18-month Exception.* Earnings with respect to Gross Proceeds of the New Money Portion of the Obligations need not be taken into account if:

(I) The “gross proceeds” (as defined in this Section) are allocated to expenditures for a governmental purpose of the New Money Portion of the Obligations in accordance with the following schedule: (1) at least fifteen percent (15%) within 6 months; (2) at least sixty percent (60%) within 12 months; and (3) one hundred percent (100%) within 18 months (the “third spending period”). The New Money Portion of the Obligations will not be regarded as failing to satisfy the spending requirement for the third spending period as a result of a Reasonable Retainage if the Reasonable Retainage is allocated to expenditures within 30 months of the issue date.

(II) The rebate requirement is met for all amounts not required to be spent in accordance with the 18-month expenditure schedule (other than earnings on a Bona Fide Debt Service Fund).

(III) All of the “gross proceeds” (as defined in this Section) of the New Money Portion of the Obligations qualify for

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the initial temporary period under Treasury Regulations §1.148-2(e)(2).

(IV) No portion of the New Money Portion of the Obligations is treated as meeting the exception from the rebate requirement for certain proceeds used to finance construction expenditures as provided in section 148(f)(4)(C) of Code and Treasury Regulations 1.148-7(e), as described in (D) of this Section.

(D) *2-year Construction Exception.* Amounts earned on Gross Proceeds which are Available Construction Proceeds of a Construction Issue are not required to be taken into account if Available Construction Proceeds of the Construction Issue are allocated to expenditures for the governmental purposes of the Construction Issue in accordance with the following schedule: (I) 10 percent or more within six months after the date of issue of the New Money Portion of the Obligations; (II) 45 percent or more within 1 year after the date of issue of the New Money Portion of the Obligations; (III) 75 percent or more within 18 months after the date of issue of the New Money Portion of the Obligations; and (IV) 100 percent within 2 years after the date of issue of the New Money Portion of the Obligations (the “fourth spending period”). The Construction Issue will not be regarded as failing to satisfy the spending requirement for the fourth spending period as a result of unspent amounts for Reasonable Retainage if those amounts are allocated to expenditures within 3 years of the issue date.

(b) *Computation Dates.* The Computation Date for the calculation of the Rebate Amount required by this Section 4 for Obligations with a term of less than five years will be the latest of: (i) the date that the Obligations are discharged; (ii) 8 months after the date the Obligations were issued; or (iii) the date the Issuer no longer reasonably expects that any of the spending exceptions under Treasury Regulations §1.148-7 (as described in 4(a)(ii) of this Section) will apply to the Obligations. The Computation Dates for the calculation of the Rebate Amount required by this Section 4 for Obligations with a term of five years or more will be: (i) a date selected by the Issuer which is no later than 5 years after the issue date of the Obligations, (ii) each fifth year thereafter, and (iii) the date that the last of the Obligations are discharged (i.e., the date of the retirement of the last maturity of the Obligations).

(c) *Rebate Payments.* The Issuer will pay the Rebate Amount to the United States no later than 60 days after the Computation Date. Payment of a Rebate Amount will be filed with the Internal Revenue Service Center, Ogden, Utah 84201. Payment of a Rebate Amount will be accompanied by Form 8038-T.