



*MWalaan@pgh2o.com*  
*Direct Dial: 412.255.2289*

December 18, 2025

**VIA ELECTRONIC FILING**

Matt Homsher, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building, 2<sup>nd</sup> Floor  
Harrisburg, PA 17120

**Re: Public Utility Municipal Contract – Bill of Sale, Assignment, and Indenture (Stormwater Assets) between The City of Pittsburgh and The Pittsburgh Water and Sewer Authority d/b/a Pittsburgh Water**

Dear Secretary, Homsher:

Please be advised that the above-reference Public Utility Municipal Contract (dated December 18, 2025) (“Agreement”) between The Pittsburgh Water and Sewer Authority (“Pittsburgh Water”) and The City of Pittsburgh was filed with the Commission by Pittsburgh Water on December 18, 2025.

Should you have any questions regarding the enclosed Public Utility Municipal Contract, please contact me at 412-255-2289.

Very truly yours,

/s/ Monica Walaan  
Monica Walaan, Esquire  
PA Attorney ID. #318624

Enclosures

cc: Darryl Lawrence, Office of Consumer Advocate  
NazAarah Sabree, Office of Small Business Advocate  
Allison Kaster, Bureau of Investigation and Enforcement

Penn Liberty Plaza I | 1200 Penn Avenue | Pittsburgh, PA 15222

**Phone:** 412.255.2423 | **Fax:** 412.255.2475 | **Email:** info@pgh2o.com | **Visit:** www.pgh2o.com

**RECORD AND RETURN TO:**

Monica Walaan  
The Pittsburgh Water and Sewer Authority  
1200 Penn Avenue  
Pittsburgh, PA 15222

AND

City of Pittsburgh  
Department of Finance  
City-County Building  
414 Grant Street  
Pittsburgh, PA 15219

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**BILL OF SALE, ASSIGNMENT AND INDENTURE  
[STORMWATER ASSETS]**

THIS BILL OF SALE, ASSIGNMENT AND INDENTURE [STORMWATER ASSETS] (this “**Agreement**”), made and entered into DECEMBER 18, 2025 (the “**Execution Date**”) but made effective as of the 1<sup>st</sup> day of September, 2025 (the “**Contract Date**”) by and between:

CITY OF PITTSBURGH, having an office at City County Building, Pittsburgh, Pennsylvania 15219 (the “**City**”),

AND

THE PITTSBURGH WATER AND SEWER AUTHORITY D/B/A PITTSBURGH WATER, having its principal offices at 1200 Penn Avenue, Pittsburgh, Pennsylvania 15222 (“**Pittsburgh Water**”) (the City and Pittsburgh Water collectively referred to herein as the “**Parties**”).

WHEREAS, the City owns certain assets located in and around the City of Pittsburgh and Pittsburgh Water leases such assets in connection with the operation and maintenance of a water

and sewer system (“**System**”) under that certain Capital Lease Agreement dated July 15, 1995 (the “**Capital Lease**”);

WHEREAS, pursuant to the Capital Lease, and pursuant to that certain Bill of Sale, Pittsburgh Water has exercised its option to acquire all of the leased property from the City in consideration of the payment of One Dollar (\$1.00) (the “**Option**”); a portion of which conveyance has been effectuated pursuant to that certain Assignment and Indenture of even date herewith (the “**Primary Bill of Sale**”; with the leased property conveyed pursuant to the Primary Bill of Sale being defined therein as the “**Acquired Assets**”);

WHEREAS, notwithstanding the conveyance of the Acquired Assets pursuant to the Primary Bill of Sale, the Parties acknowledge that certain property has not, as of the Effective Date as defined in the Primary Bill of Sale, been fully accounted, including without limitation certain facilities, infrastructure and contract rights comprising a portion of the System (e.g., those facilities which collect and convey stormwater);

WHEREAS, insofar as such additional property comprising a portion of the System was not included as part of the Acquired Assets, and by reason of the Parties’ need to: (i) further identify and account such stormwater facilities and infrastructure; and (ii) convey to Pittsburgh Water such remaining property as, the Primary Bill of Sale expressly contemplates the Parties’ execution of this Agreement for such purposes; and

NOW THEREFORE, THIS AGREEMENT WITNESSES that, in consideration of the sum of One Dollar (\$1.00) in hand paid by Pittsburgh Water to the City, the receipt of which is hereby acknowledged, the Parties, each intending to legally bind itself, its successors and assigns, do hereby covenant and agree as follows:

1. **Identification of Stormwater Assets.**

a. Following the Contract Date, the Parties shall utilize commercially-reasonable efforts to identify, account and agree upon such stormwater facilities, infrastructure and contract rights that: (i) comprise leased property pursuant to the Capital Lease; (ii) are part of the System to be conveyed to Pittsburgh Water pursuant to its exercise of the Option; (iii) are properly assignable to Pittsburgh Water in accordance with its role as a stormwater utility, and/or (iv) were not included as part of the Acquired Assets conveyed pursuant to the Primary Bill of Sale, including, without limitation and by way of illustrative example only, all such System components, all equipment used in connection with or related thereto, together with all spare parts wherever located and used in connection with such equipment, all related inventory used in connection therewith, all real property and fixtures relating thereto, express easements, and all applicable patents, copyrights, permits, contracts with municipalities or authorities outside the boundaries of the City, and leases related thereto.

b. Once so agreed by the Parties pursuant to Section 1.a. above, such stormwater facilities and infrastructure shall be identified in writing pursuant to an Amendment to this Agreement (the "**Stormwater Amendment**" which, once agreed in writing by the Parties, shall conclusively identify the "**Stormwater Assets**" to be conveyed pursuant to Section 2 below).

c. In the event that the Parties do not agree, in writing, to the Stormwater Amendment pursuant to Sections 1.a. and 1.b. above within five hundred forty-seven (547) days from the Execution Date, then, after the expiration of five hundred forty-seven (547) days from the Execution Date, either Party, upon thirty (30) days' notice, may request that the Parties agree upon a mediator to resolve any existing disputes and, if the Parties are unable to agree upon a mediator, to submit a request for mediation to the American Arbitration Association. The Parties

agree that such date may be extended by mutual agreement of the Parties. The Parties agree that the mediator shall be experienced in environmental law and have in excess of twenty (20) years' experience as an attorney. A request by one Party for mediation is an absolute condition precedent to any Party commencing dispute resolution proceedings as follows. A Party may not deny the request for mediation. If such mediation does not resolve remaining disputes, either Party may submit to the exclusive jurisdiction in the federal or state courts located in Allegheny County, Pennsylvania, for full and final resolution of any remaining disputes and division of assets under Sections 1.a. and 1.b. above. The provision shall not preclude the Parties from mutual agreement on an alternative dispute resolution forum, including but not limited to arbitration.

2. **Conveyance of Stormwater Assets.**

a. Expressly conditioned upon the Parties' execution of the Stormwater Amendment in strict compliance with Section 1.b. above (the date of such Stormwater Amendment being the "**Conveyance Effective Date**"), the City does, by operation of this Section 2, hereby remise, release, quitclaim, transfer, convey and assign unto Pittsburgh Water, its successors and assigns, and Pittsburgh Water does hereby purchase and accept all right, title, interest and claim of the City in and to the Stormwater Assets.

b. Without limiting the foregoing, any applicable real property, if any, comprising the Stormwater Assets shall be conveyed by Quitclaim Deed, in form to be agreed by the Parties as part of the Stormwater Amendment, duly executed and notarized by the City and delivered to Pittsburgh Water; and any applicable easements, if any, comprising the Stormwater Assets shall be conveyed by an easement, in form to be agreed by the Parties as part of the Stormwater Amendment, duly executed and notarized by the City and delivered to Pittsburgh

Water or easements by implication for the operation of the System. Pittsburgh Water shall, upon transfer, assume sole performance of all obligations under any such permits.

3. **TO HAVE AND TO HOLD** all of the aforesaid hereby granted or mentioned and intended so to be, to and for the use and behalf of Pittsburgh Water, its successors and assigns so long as Pittsburgh Water does not lease, sell, or transfer the Stormwater Assets to a private entity. Notwithstanding the foregoing, nothing contained herein shall prohibit Pittsburgh Water from transferring any real property and/or equipment, or portion thereof, that Pittsburgh Water reasonably deems to not be appurtenant to or part of, or essential for the operation of the System to any entity subject to appropriate notice to the City and an opportunity for City to match the offer to purchase said real property and/or equipment, or portion thereof.

4. **FURTHER RESERVING** the rights of the Parties to agree to convey discovered infrastructure to the System and agreements whereby such stormwater infrastructure conveyance will constitute transference of the ownership of said stormwater infrastructure as though originally set forth herein.

5. Pittsburgh Water assumes and agrees to pay, perform, and discharge when due any and all liabilities and obligations of the City arising out of or relating to the Stormwater Assets on or after the Conveyance Effective Date, other than liabilities or obligations caused primarily by the City's negligence or willful misconduct.

6. Pittsburgh Water accepts the Stormwater Assets in "as is" condition in its present condition and location. **THE CITY MAKES NO REPRESENTATION OR WARRANTY WHATSOEVER WITH RESPECT TO THE STORMWATER ASSETS, INCLUDING ANY WARRANTY RELATED TO THE FITNESS OR CONDITION OR SUITABILITY FOR USE OF ANY SUCH STORMWATER ASSETS, NOR DOES THE CITY WARRANT ITS TITLE**

TO, OR THE TRANSFERRABILITY OF, ANY REAL PROPERTY, AND THE PARTIES AGREE THAT ALL SUCH WARRANTIES ARE DISCLAIMED.

7. Pittsburgh Water represents and warrants that the execution, delivery, and performance of this Agreement has been duly and validly authorized by Pittsburgh Water's Board of Directors, and Pittsburgh Water's signatory has been duly authorized to execute this Agreement on Pittsburgh Water's behalf. The City represents and warrants that the execution, delivery, and performance of this Agreement has been duly and validly authorized by City Council, and the City's signatories have been duly authorized to execute this Agreement on the City's behalf.

8. This Agreement is entered into by the City pursuant to Resolution No. 728 of 2025, approved November 24, 2025, effective November 25, 2025. A copy of which is attached hereto and incorporated herein as Exhibit 1. This Agreement is entered into by Pittsburgh Water pursuant to Resolution No. 65 of 2025, approved on July 25, 2025. A copy of which is attached hereto and incorporated herein as Exhibit 2.

9. Pittsburgh Water's authorization is conditioned upon the approval of this Agreement by the PUC, if legally required; Pittsburgh Water agrees that it will submit this Agreement for PUC review and/or approval, as the same may be legally required, and that Pittsburgh Water will take all good-faith actions needed to obtain such approval from the PUC as promptly as possible. No title of any property hereunder shall be transferred under this Agreement, nor shall this Agreement be recorded until such time as the PUC grants approval of the Agreement.

10. This Agreement shall be effective as of 12:00:01 a.m. on the Contract Date; subject, however, to conveyance of the Stormwater Assets being effective only upon the occurrence of the Conveyance Effective Date.

11. This Agreement is subject to the provisions of the Pittsburgh Home Rule Charter, and the liability of the City thereunder is limited to zero dollars.

NOTICE: THIS DOCUMENT MAY NOT SELL, CONVEY, TRANSFER, INCLUDE, OR INSURE THE TITLE TO THE COAL AND RIGHT OF SUPPORT UNDERNEATH THE SURFACE LAND DESCRIBED OR REFERRED TO HEREIN, AND THE OWNER OR OWNERS OF SUCH COAL MAY HAVE/HAVE THE COMPLETE LEGAL RIGHT TO REMOVE ALL OF SUCH COAL AND, IN THAT CONNECTION, THE OWNER OR OWNERS OF SUCH COAL MAY NOT DAMAGE THE SURFACE OF THE LAND OR ANY HOUSE, BUILDING, OR OTHER STRUCTURE ON OR IN SUCH LAND. THE INCLUSION OF THIS NOTICE DOES NOT ENLARGE, RESTRICT, OR MODIFY ANY LEGAL RIGHTS OR ESTATES OTHERWISE CREATED, TRANSFERRED, EXCEPTED, OR RESERVED BY THIS INSTRUMENT. [This notice is set forth in the manner provided in Section 1 of the Act of July 17, 1957, P.L. 984, as amended, and is not intended as notice of unrecorded instruments, if any.]

THIS INSTRUMENT IS EXEMPT FROM REALTY TRANSFER TAX PURSUANT TO 91 PA. CODE §§ 91.192 AND 91.193(A) AS A TRANSFER FROM AN EXCLUDED PARTY TO ANOTHER EXCLUDED PARTY.

*[Signature page follows]*





**Exhibit 1**

**City Resolution**

*[Attached]*



Legislation Details (With Text)

**File #:** 2025-2220      **Version:** 2  
**Type:** Resolution      **Status:** Passed Finally  
**File created:** 9/5/2025      **In control:** Committee on Intergovernmental and Educational Affairs  
**On agenda:** 9/9/2025      **Final action:** 11/24/2025  
**Enactment date:** 11/24/2025      **Enactment #:** 728  
**Effective date:** 11/25/2025

**Title:** Resolution authorizing the Mayor and the Director of Department of Finance, on behalf of the City of Pittsburgh, to enter into a Bill or Bills of Sale, Assignment, and Indenture with Pittsburgh Water and Sewer Authority (d/b/a Pittsburgh Water) for Leased Property, pursuant to the July 1995 Capital Lease Agreement, for total amount not to exceed One Dollar (\$1.00).  
(Public Hearing recessed on 10/07/25)  
(Post Agenda held on 11/17/25)  
(Public Hearing held 11/18/25)

**Sponsors:**

**Indexes:** LEASE/LICENSE AGREEMENT

**Code sections:**

**Attachments:** 1. 2025-2220 Cover Letter PGH20\_SalesAgreementAuthorization\_09042025, 2. 2025-2220 Bill of Sale Assignment and Indenture I, 3. 2025-2220 Bill of Sale Assignment and Indenture II, 4. Summary 2025-2220

Date	Ver.	Action By	Action	Result
11/25/2025	2	Mayor	Signed by the Mayor	
11/24/2025	2	City Council	Passed Finally	Pass
11/19/2025	1	Standing Committee	Affirmatively Recommended	Pass
11/18/2025	1	Committee on Hearings and Policy	Public Hearing Held	
9/17/2025	1	Standing Committee	Held for Cablecast Public Hearing	Pass
9/9/2025	1	City Council	Read and referred	

Resolution authorizing the Mayor and the Director of Department of Finance, on behalf of the City of Pittsburgh, to enter into a Bill or Bills of Sale, Assignment, and Indenture with Pittsburgh Water and Sewer Authority (d/b/a Pittsburgh Water) for Leased Property, pursuant to the July 1995 Capital Lease Agreement, for total amount not to exceed One Dollar (\$1.00).

*(Public Hearing recessed on 10/07/25)*

*(Post Agenda held on 11/17/25)*

*(Public Hearing held 11/18/25)*

**Whereas,** Pittsburgh Water was created by the City of Pittsburgh (“City”) as a municipal authority under Pennsylvania law pursuant to the Pennsylvania Municipality Authorities Act, 53 Pa. C.S.A. § 5601 et seq., to manage and operate the City’s waterworks, water supply works, water distribution systems, and sewer systems with the goal of providing clean, safe, reliable, and efficient drinking water delivery, sanitary sewage conveyance, and storm water removal services; and

**Whereas**, Pittsburgh Water and the City entered into a Capital Lease Agreement in July 1995 wherein Pittsburgh Water leased certain property, as more fully described in the Agreement, from the City; and

**Whereas**, consistent with Article 3(b) of the Agreement, Pittsburgh Water informed the City of Pittsburgh Water's intention to acquire the Leased Property (as defined in the Agreement) from the City and the parties have engaged in negotiations to memorialize the transfer from the City to Pittsburgh Water; and

**Whereas**, the proposed agreement is consistent with Article 11 of the Pittsburgh Home Rule Charter, which restricts the lease and/or sale of the City's water systems, wastewater systems, and storm sewer systems to private entities; and

**Whereas**, the Board of Directors of Pittsburgh Water approved the agreements negotiated between Pittsburgh Water and the City; and

**Whereas**, the Members of City Council now also seek to duly authorize the City to approve the same agreements, so that Pittsburgh Water can submit the agreements to the Pennsylvania Public Utility Commission for Approval;

**Be it resolved by the Council of the City of Pittsburgh as follows:**

**Section 1.** The Mayor and the Director of the Department of Finance, on behalf of the City of Pittsburgh, are hereby authorized to enter into a Bill or Bills of Sale, Assignment, and Indenture with Pittsburgh Water for Leased Property, pursuant to the July 1995 Capital Lease Agreement, for total amount not to exceed One Dollar (\$1.00).

**Section 2.** The Agreement or Agreements shall be approved by the City Solicitor as to form.

**Section 3.** The Agreement or Agreements shall be consistent with Article 11 of the Pittsburgh Home Rule Charter, which restricts the lease and/or sale of the City's water systems, wastewater systems, and storm sewer systems to private entities.

**Section 4.** Any change to the Bill of Sale made after the passage of this resolution shall trigger the resolution, including the Bill of Sale, being referred back to City Council for approval.

**Exhibit 2**

**Pittsburgh Water Board Resolution**

*[Attached]*



## BOARD RESOLUTION ITEM

Originating Department: Legal Phone: 412.255.8800  
Department Contact: Monica Walaan E-mail: mwalaan@pgh2o.com  
Date: 07.25.2025

### Resolution No: 65

Approval for the Chief Executive Officer to Enter into a Bill of Sale, Assignment, and Indenture and a Bill of Sale, Assignment, and Indenture [Stormwater Assets] with the City of Pittsburgh to Transfer the Assets in Connection with the Operation and Maintenance of the Water and Sewer Systems to Pittsburgh Water.

**FINAL BOARD APPROVAL:  
ADOPTED JULY 25, 2025**

*BJ Leber*

BJ Leber, Secretary



**BOARD RESOLUTION REPORT**

<b>Resolution No:</b>	65
<b>DATE:</b>	07.25.2025
<b>TO:</b>	Pittsburgh Water Board of Directors
<b>SUBJECT:</b>	Approval for the Chief Executive Officer to Enter into a Bill of Sale, Assignment, and Indenture and a Bill of Sale, Assignment, and Indenture [Stormwater Assets] with the City of Pittsburgh to Transfer the Assets in Connection with the Operation and Maintenance of the Water and Sewer Systems to Pittsburgh Water.

**STATEMENT OF THE ISSUE:**

Approval for the Chief Executive Officer to enter into a Bill of Sale, Assignment, and Indenture and a Bill of Sale, Assignment, and Indenture [Stormwater Assets] with the City of Pittsburgh to transfer the assets in connection with the operation and maintenance of the water and sewer systems to Pittsburgh Water. The Capital Lease Agreement, dated July 15, 1995, whereby Pittsburgh Water leases the water and sewer system from the City of Pittsburgh, will expire on September 1, 2025. Upon expiration of the term of the Capital Lease Agreement, Pittsburgh Water has the option to acquire all of the leased property from the City of Pittsburgh in consideration of the payment of \$1.00. This Resolution will authorize Pittsburgh Water to exercise that option and to authorize the Chief Executive Officer to enter into a Bill of Sale, Assignment, and Indenture with the City of Pittsburgh to transfer the water and sewer systems for ownership by Pittsburgh Water.

**RECOMMENDED ACTION:**

Approve the Chief Executive Officer to enter into a Bill of Sale, Assignment, and Indenture and a Bill of Sale, Assignment, and Indenture [Stormwater Assets] with the City of Pittsburgh to transfer the assets in connection with the operation and maintenance of the water and sewer systems to Pittsburgh Water.

**SUPPLIER DIVERSITY PROGRAM STATUS:**

N/A



**FINANCIAL IMPACT OF RECOMMENDATION:**

Account Information	
Account:	N/A
Department Code:	N/A
Account Code:	N/A
Total Amount Requested for Approval:	\$ 1.00

**MULTI-YEAR BREAKDOWN:**

*This section displays the current and future year commitments.*

Approval Type	Year	Amount
	2025	1.00

**DOCUMENTS ATTACHED:**

N/A

**FOR MORE INFORMATION:**

Staff contact: Thiessen, Megan

E-mail: mthiessen@pgh2o.com

LEGAL REVIEW: MONICA WALAAN 07.11.2025

FINANCE REVIEW: ED BARCA 07.10.2025

PROCUR. REVIEW: ED BARCA 07.11.2025

**BY CHIEF EXECUTIVE OFFICER:**

**William J. Pickering 07.11.2025**

CAPITAL LEASE AGREEMENT

THIS AGREEMENT, is made and entered into as of July 15, 1995, effective July 27, 1995 (the "Effective Date"), by and between the CITY OF PITTSBURGH (the "Lessor") having an office at City County Building, Pittsburgh, Pennsylvania 15219;

A  
N  
D

THE PITTSBURGH WATER AND SEWER AUTHORITY, having its principal office at 441 Smithfield Street, Pittsburgh, Pennsylvania 15222 (the "Lessee").

WITNESSETH:

WHEREAS, the Lessor desires to lease to Lessee and the Lessee desires to lease from Lessor, certain assets located in and around the City of Pittsburgh and used in connection with the operation of a water and sewer system by the Lessee under a Lease and Management Agreement dated March 29, 1984 (the "Lease and Management Agreement"), as more fully described herein.

NOW, THEREFORE, in consideration of the premises and the mutual covenants and agreements hereinafter set forth, the parties hereto, intending to be legally bound hereby, do hereby agree as follows:

1. Termination of Existing Lease. Lessor and the Lessee hereby agree that on the Effective Date of this Lease, the Lease and Management Agreement shall terminate by mutual agreement of the Lessor and the Lessee and all obligations of either party thereunder shall cease.

2. Demise of Premises and Assignment of Contracts.

a. The Lessor hereby demises and lets to the Lessee, and the Lessee hereby takes and leases from the Lessor, for the term and upon the provisions hereinafter specified, the following described property (collectively the "Leased Property"): (i) the entire network of water and sewage transmission pipelines as detailed on the Lessee's engineering maps, all water storage facilities (collectively the "System") and certain land and buildings (the "Real Property"), both the System and the Real Property are more fully described on Exhibit A hereto, (ii) all fixtures relating to the Real Property, (iii) all equipment used in connection with or related to the operation of the System (the "Equipment"), (iv) all water and sewage transmission pipelines dedicated by builders or developers subsequent to the Effective Date and all assets associated with or used in connection with such pipelines, (v) all spare parts wherever

located and used in connection with the operation of the Equipment, and (vi) all inventory used in connection with the operation of the Equipment; provided, however, that the Leased Property shall not include the assets set forth on Exhibit B hereto.

b. Lessor hereby assigns to Lessee and Lessee hereby assumes all contracts, leases, permits, licenses and other instruments (collectively, the "Contracts") used in connection with the operation of the System, including but not limited to those listed on Exhibit A hereto. Anything in this Agreement to the contrary notwithstanding, this Agreement shall not constitute an agreement to assign any contract or any right or benefit arising thereunder or resulting therefrom if an attempted transfer or assignment thereof, without the consent of a third party thereto, would constitute a breach thereof or in any way affect the rights of Lessor or Lessee thereunder. If such consent is not obtained, or if an attempted transfer or assignment thereof would be ineffective or would affect the rights of Lessor thereunder so that Lessee would not in fact receive all such rights, Lessor shall cooperate with Lessee in any arrangement designed to provide for Lessee the benefits under any such contracts, or any claim or right or any benefit arising thereunder or resulting therefrom, including, without limitation, enforcement for the benefit of Lessee of any and all rights of Lessor against a third party thereto arising out of the breach or cancellation by such third party or otherwise.

c. Other than liabilities arising out of operation of the Leased Premises or the Contracts subsequent to the Effective Date, Lessee does not, pursuant to this Lease, assume any liabilities or obligations of Lessor.

### 3. Term.

(a) Subject to the provisions hereof, the Lessee shall have and hold the Leased Property for a term commencing as of July 15, 1995 and ending on September 1, 2025 at 12:00 midnight (the "Term").

(b) At the expiration of the Term the Lessee shall have the option to acquire all of the Leased Property from the Lessor in consideration of the payment of one dollar (\$1.00) in immediately available funds by the Lessee to the Lessor.

4. Rent. The Lessee shall pay to the Lessor as rent for the Term the total sum of One Hundred One Million Four Hundred Sixteen Thousand Nine Hundred Seventy-Four Dollars and Sixty Cents (\$101,416,974.60) as follows:

(a) The Lessee on the scheduled payment dates shall pay to the Lessor in immediately-available funds the following amounts (the "Capital Lease Payments"):

<u>Payment Date</u>	<u>Payment Amount</u>
July 27, 1995	\$35,000,000
January 2, 1996	\$20,000,000

August 1, 1996	\$20,000,000
January 2, 1997	\$21,017,249.60

(b) The Lessee shall receive a credit of Five Million Three Hundred Ninety-Nine Thousand Seven Hundred Twenty-Five Dollars (\$5,399,725) based on prepayments calculated under generally accepted accounting principles at December 31, 1994 and made under the Lease and Management Agreement prior to the Effective Date (the "Credit").

The Capital Lease Payments and the Credit are collectively referred to herein as the "Rent."

5. Bond Contingency. It is expressly agreed by the Lessor that the obligations of the Lessee hereunder are contingent on the Lessee's successful issuance of the Lessee's \$103,020,000 aggregate principal amount Water and Sewer System Subordinate Revenue Bonds, Series B of 1995 (the "Bonds") to finance this Lease. If for any reason the Lessee is unable to issue the Bonds, the Lease and Management Agreement shall remain in full force and effect unmodified by this Lease.

From and after the issuance of the Bonds, the Lessor shall not take any actions that will adversely affect the tax exempt status of the Bonds.

6. Use of Leased Premises: Quiet Enjoyment.

(a) The Lessee may occupy and use the Leased Property in order to provide water and sewer services and services incidental thereto to customers in and around the City of Pittsburgh and other purposes consistent with the public purposes of the Lessee. Lessee shall not use or occupy or permit any Leased Property to be used or occupied, nor do or permit anything to be done in or on any of the Leased Property, in a manner which would materially violate any law or legal requirement.

(b) Subject to the provisions hereof, so long as no Event of Default has occurred and is continuing, Lessor covenants to do no act to disturb the peaceful and quiet occupation and enjoyment of the Leased Property by Lessee, provided that Lessor may enter upon and examine any of the Property at such reasonable times as Lessor and Lessee based upon their mutual convenience may select for the purpose of inspecting the Leased Property, verifying compliance or non-compliance by Lessee with its obligations hereunder and the existence or non-existence of any Event of Default or event which with the passage of time and/or notice would constitute an Event of Default.

(c) During the term of this Lease, Lessor covenants not to assign, sell, convey or transfer any right, title or interest in or to the Leased Property or create, incur, assume or suffer to exist, directly or indirectly, any lien, encumbrance or security interest of any kind on the Leased Property, other than the encumbrances set forth on Exhibit D hereto or other encumbrances existing as of the Effective Date that do not materially detract from the value or

interfere with the present use of any of the Leased Property or otherwise materially impair its intended use.

7. Representations and Warranties of the Lessor. The Lessor hereby represents and warrants to the Lessee the following:

(a) Organization; Power; Good Standing. The Lessor has all requisite power and authority to own, operate and lease its properties, to carry on its business as now being conducted and to enter into this Lease and perform its obligations hereunder.

(b) Authority Relative to Lease. The execution, delivery and performance of this Lease by the Lessor will have been duly and effectively authorized by all necessary action by the Lessor. This Lease has been duly executed by the Lessor and is a valid, legally binding and enforceable obligation of the Lessor.

(c) Effect of Lease. The execution, delivery and performance of this Lease by the Lessor and the consummation of the transactions contemplated hereby will not (i) require the consent, approval or authorization of any person, corporation, partnership, joint venture or other business association or public authority (other than the City Council of the Lessor); (ii) violate, with or without the giving of notice or the passage of time, or both, any provisions of law or statute or any rule, regulation, order, award, judgment or decree of any court or governmental authority applicable to the Lessor; or (iii) conflict with or result in a breach or termination of any provision of, or constitute a default under, or result in the creation of any lien, charge or encumbrance upon any of the Leased Property pursuant to any charter, bylaw, indenture, mortgage, lease, contract, agreement or other instrument, or any order, judgment, award, decree, statute, ordinance, regulation or any other restriction of any kind or character, to which the Lessor is a party, or by which the Lessor or any of the Leased Property may be bound.

(d) Absence of Certain Changes or Events. Except as otherwise disclosed in Exhibit C hereto, with regard to the Leased Property and the Contracts, the Lessor has not:

(i) mortgaged, pledged or subjected to any lien, charge, security interest or to any other encumbrance any of the Leased Property or the Contracts (whether tangible or intangible); and

(ii) suffered any material casualty loss or damage to the Leased Property, whether or not such loss or damage shall have been covered by insurance.

(e) Title to Properties; Absence of Liens and Encumbrances; Leases.

(i) The Lessor has good and marketable title to all of the Real Property and good title to all of the Leased Property, tangible and intangible, free and clear of

all claims and encumbrances (including all property reflected in Exhibit A hereto), other than (i) as specifically disclosed in Exhibit D hereto, and (ii) such imperfections of title, easements, liens, pledges, charges and encumbrances, if any, as do not materially detract from the value or interfere with the present use of any of the Leased Property or otherwise materially impair its intended use;

(ii) All leases and easements pursuant to which the Lessor, leases or uses any real or personal property included in the Leased Property are valid and binding against the Lessor, in accordance with their terms and there is not under any of such leases or easements any existing default by the Lessor, event of default by the Lessor, or event which with notice or lapse of time, or both, would constitute a default by the Lessor (and in respect of which the Lessor has not taken adequate steps to prevent such a default or event of default from occurring). Except as set forth on Exhibit D hereto, none of the rights of the Lessor under any of such leases or easements is subject to termination or modification as the result of the transactions contemplated hereby.

(f) Contracts. To the knowledge of Lessor, all of the Contracts are valid and enforceable in accordance with their terms against Lessor and against the other parties to such Contracts in all material respects.

(g) List of Properties, Contracts and Other Data. Exhibit A hereto is a list setting forth the Leased Property and the Contracts.

(h) Litigation. Except as disclosed in Exhibit E hereto, there are no claims, actions, suits, proceedings or investigations pending or, to the Lessor's knowledge, threatened against or affecting the Leased Property or the Contracts at law or in equity or in admiralty, or before or by any federal, state, municipal or governmental or nongovernmental department, commission, board, bureau, agency or instrumentality, United States or foreign which would have a material adverse effect on the Leased Property or the Contracts.

(i) Licenses; Permits; Authorization. Exhibit F hereto is a description of all approvals, authorizations, consents, licenses, orders and permits of all governmental agencies, whether United States, state or local, issued to or in favor of the Lessor with respect to the operation of the Leased Property.

(j) Environmental Matters.

(i) In connection with the Leased Property, there are no unresolved notices of violation, orders, claims, citations, complaints, penalty assessments, suits or other proceedings, administrative, civil, criminal, at law or in equity, pending against the Lessor and, to the knowledge of the Lessor, no investigation or review is pending or threatened against the Lessor by any governmental entity or third party with respect to any alleged violation of any federal, state or local environmental law, regulation, ordinance, standard, permit or order in connection with the conduct of the System.

(ii) In connection with the operation of the Leased Property to the Lessor's knowledge, the Lessor is not in violation of any environmental law.

(iii) Since 1987, except as reported on The Superfund Amendments and Reauthorization Act of 1986, Title III, Section 313, Toxic Release Inventory Reporting Form Rs ("Toxic Substance Release Reports"), to the Lessor's knowledge, no hazardous, toxic or polluting substances have been released, discharged or disposed of at or from property now or formerly owned or operated by the Lessor and part of the Leased Property.

(iv) Except as listed on Exhibit G hereto, to the Lessor's knowledge, there are no outstanding public notices regarding noncompliance with applicable state and federal Safe Drinking Water Act rules and regulations, no temporary emergency actions, no public notices regarding lead, nor any variances or exemptions from MCL's or treatment techniques.

(v) Notwithstanding anything herein to the contrary, Lessor shall notify Lessee of any violation, orders, claims, citations, complaints, penalty assessments, suits or other proceedings, administrative, civil, criminal, at law or in equity, Lessor receives in connection with the Leased Property.

8. Representations and Warranties of the Lessee. The Lessee represents and warrants to the Lessor as follows:

(a) Organization; Good Standing; Power. On the Closing Date the Lessee will be a municipal authority duly organized, validly existing and in good standing under the laws of the Commonwealth of Pennsylvania and will have all requisite power and authority to own, lease and operate its properties and the Leased Property to carry on its business as now being conducted and the business conducted in connection with the Leased Property and to enter into this Lease and perform its obligations.

(b) Authority Relative to Lease. On the Closing Date, the execution, delivery and performance of this Lease and the transactions contemplated hereby and thereby by the Lessee will have been duly and effectively authorized and ratified by all necessary action by the Lessee. This Lease has been duly executed by Lessee and is a valid, legally binding and enforceable obligation of Lessee.

(c) Effect of Lease. The execution, delivery and performance of this Lease and the consummation of the transactions contemplated hereby will not (i) require the consent, approval or authorization of any person, corporation, partnership, joint venture or other business association or other public authority (other than the Board of the Lessee); (ii) violate, with or without the giving of notice or the passage of time, or both, any provisions of law or statute or any rule, regulation, order, award, judgment or decree of any court or governmental authority applicable to the Lessee; or (iii) conflict with or result in a breach or termination of any provision of, or constitute a default under, or result in the creation of any lien, charge or encumbrance upon any of the properties or assets of the Lessee pursuant to any indenture,

corporate charter, bylaw, mortgage, deed of trust, lease, contract, agreement or other instrument or any order, judgement, award, decree, statute, ordinance, regulation or any other restriction of any kind or character, to which the Lessee is a party, or by which the Lessee or any of its assets or properties may be bound.

(d) Litigation. Except as described on Exhibit H hereto, there are no claims, actions, suits, proceedings or investigations pending against the Lessee, or to the best of Lessee's knowledge, threatened, that would have a material adverse effect on the transaction contemplated hereby.

9. Transactions prior to the Effective Date.

(a) Permits. From and after the date hereof, the Lessor shall, upon the Lessee's reasonable request, provide reasonable assistance to the Lessee in obtaining transfer of any environmental or operating permits and licenses issued or held by the Lessor and necessary for the Lessee to conduct its operations with the Leased Property.

(b) Consents. The Lessor agrees that it shall obtain prior to the Effective Date all material consents, assignments, and approvals as may be required in order to enable it to perform its obligations hereunder, including, but not limited to, all material consents and approvals required to permit it to make the transfers to the Lessee contemplated herein so that the Lessee may enjoy after the Effective Date all rights and benefits presently enjoyed by the Lessor with respect to the Leased Property.

10. Additional Condition Precedent. The obligations of Lessee under this Lease are subject to the satisfaction at or prior to the Effective Date that all consents required to assign the Contracts to Lessee shall have been obtained.

11. Compliance with Laws. The Lessee shall, at its expense, materially comply with and conform to all legal requirements placed on the Leased Property during the Term, including all applicable environmental laws; unless the Lessee is contesting the requirement in good faith by appropriate legal proceedings promptly initiated and diligently prosecuted.

12. Maintenance and Repair. The Lessee shall at all times maintain the Leased Property in as good condition as it is in on the date hereof, ordinary wear and tear excepted. The Lessee shall take every other action necessary or appropriate for the preservation and safety of the Leased Property. The Lessee shall promptly make all alterations of every kind and nature, whether foreseen or unforeseen, which may be required to comply with the foregoing requirements of this Paragraph 12 or any authority having jurisdiction over the Lessee or the Leased Property.

13. Indemnification of the Lessor. Subject to the terms of the Cooperation Agreement dated June 15, 1995 between the Lessor and the Lessee, pursuant to which the Lessor has agreed to provide certain services to the Lessee in connection with the operation of the Leased Property (the "Cooperation Agreement"), the Lessee agrees to indemnify and hold the Lessor harmless against and in respect of:

(a) all obligations and liabilities of the Lessee relating to the Leased Premises, whether accrued, absolute, fixed, contingent or otherwise, occurring after the Effective Date of this Lease;

(b) any loss, liability or damage suffered or incurred by the Lessor because of a breach of any obligation of the Lessee incurred under this Lease, or because any representation or warranty by the Lessee contained herein shall be false as of the Effective Date;

(c) all reasonable costs and expenses (including attorney's fees) incurred by the Lessor in connection with any action, suit, proceeding, demand, assessment or judgment for which the Lessor is entitled to indemnification under this Paragraph 13.

14. Indemnification of the Lessee. Subject to the terms of the Cooperation Agreement, the Lessor agrees to indemnify and hold the Lessee harmless against and in respect of:

(a) all obligations and liabilities of the Lessor relating to the Leased Premises, whether accrued, absolute, fixed, contingent or otherwise, occurring before the Effective Date of this Lease;

(b) any loss, liability or damage suffered or incurred by the Lessee because of a breach of any obligation of the Lessor incurred under this Lease, or because any representation or warranty by the Lessor contained herein shall be false as of the Effective Date;

(c) all reasonable costs and expenses (including attorney's fees) incurred by the Lessee in connection with any action, suit, proceeding, demand, assessment or judgment for which the Lessee is entitled to indemnification under this Paragraph 14.

15. Insurance. (a) The Lessee shall maintain the following insurance on or in connection with the Leased Property:

(i) Insurance against loss or damage to the Real Property and the System by fire and other risks from time to time included under standard extended and additional extended coverage policies, including vandalism and malicious mischief, sprinkler, and, to the extent any of the Leased Property is in a flood zone, flood insurance in amounts not less than the actual replacement value of the Real Property and the System, excluding footings and foundations and other parts of the Real Property which are not insurable (or, in the case of plate

glass insurance, the replacement cost of all plate glass in the Leased Property). Such policies shall contain replacement cost endorsements.

(ii) General public liability insurance against claims for bodily injury, death or property damage occurring on, in or about any of the Leased Property, in an amount not less than \$1,000,000 for bodily injury or death to any one person, not less than \$1,000,000 for bodily injury or death in any one accident, and not less than \$2,000,000 for property damage.

(iii) Worker's compensation insurance covering all persons employed by the Lessee in connection with any work done on or about any of the Leased Property for which claims for death or bodily injury could be asserted against the Lessor, the Lessee or any of the Leased Property or, in lieu of such worker's compensation insurance, a program of self-insurance complying with the rules, regulations and requirements of the appropriate agency of the Commonwealth of Pennsylvania.

(iv) Such other insurance on or in connection with any of the Leased Property as the Lessor may reasonably require, which at the time is commonly obtained in connection with properties similar to the Leased Property.

16. Casualty. If any casualty occurs, the Lessee shall give the Lessor immediate notice thereof. The Lessee is hereby authorized to adjust, collect and compromise, in its discretion and upon notice to the Lessor, all claims under any of the insurance policies required by Paragraph 15 and to execute and deliver on behalf of the Lessor all necessary proofs of loss, receipts, vouchers and releases.

17. Events of Default and Remedies.

(a) If any one or more of the following events (an "Event of Default") shall happen:

(i) Failure by the Lessee to make due and punctual payments of all or any portion of the Rent as and when the same shall be due and payable as provided in other provisions of this Lease and such failure shall continue for ten (10) days after receipt of notice thereof from the Lessor to the Lessee; or

(ii) Failure by the Lessee to materially perform and comply with any of the other agreements, terms, covenants, or conditions of this Lease within a period of thirty (30) days after notice from the Lessor to the Lessee specifying that such items are in default; provided that, if such failure is not susceptible of being cured with due diligence within such thirty (30) day period, the time allowed the Lessee to cure such failure shall be extended for such period as may be reasonably necessary so long as the Lessee promptly makes all efforts to complete such cure with all due diligence; provided, further, that if such failure shall subject the Leased Property to any risk of seizure, foreclosure, forfeiture or shall subject the Lessor to

any risk of default under any other leases, mortgages or agreements of which the Lessee has been given notice or of criminal prosecution, the time allowed hereunder for curing such failure shall immediately and without further notice cease notwithstanding anything to the contrary contained in this Lease; or

(iii) The Lessee shall make a general assignment for the benefit of creditors; or

(iv) The Lessee shall file any voluntary petition in bankruptcy or an involuntary petition shall be filed by the creditors of the Lessee, which involuntary petition shall remain undischarged for a period of ninety (90) days; or

(v) A receiver shall be employed or appointed to take possession of substantially all of the assets of the Lessee, which receivership shall remain undissolved for a period of ninety (90) business days after creation thereof; or

(vi) The Lessee shall admit in writing its inability to pay its debts as they become due, or the Lessee shall file a petition seeking any reorganization, arrangement, composition, readjustment, liquidation, dissolution or similar relief under any present or future statute, law or regulation, or the Lessee shall file an answer admitting or failing timely to contest a material allegation of a petition filed against the Lessee in any such proceeding or, within sixty (60) days after the commencement of any proceeding against the Lessee seeking any reorganization, or arrangement, composition, readjustment, liquidation, dissolution or similar relief under any present or future statutes, law or regulation, such proceeding shall not have been dismissed;

then in any such event, the Lessor shall have all rights or remedies available to the Lessor at law or in equity, including specific performance.

(b) No failure by the Lessor to insist upon the strict performance of any agreement, term, covenant or condition hereof or to exercise any right or remedy consequent upon a breach thereof, and no acceptance of full or partial rent during the continuance of any such breach, shall constitute a waiver of any such breach of such agreement, term, covenant or condition. No waiver of any breach shall affect or alter this Paragraph but each and every agreement, term, covenant and condition hereof shall continue in full force and effect with respect to any other then existing or subsequent breach hereof.

(c) Each right and remedy provided for in this Lease shall be cumulative and shall be in addition to every other right or remedy provided for in this Lease or now or hereafter existing at law or in equity or by statute or otherwise, and the exercise or beginning of the exercise by the Lessor of any one or more of the rights or remedies provided for in this Lease or now or hereafter existing at law or in equity or by statute or otherwise shall not preclude the simultaneous or later exercise by the Lessor of any or all other rights or

remedies provided for in this Lease or now or hereafter existing in law, in equity, under any statute or otherwise.

18. Miscellaneous.

(a) Survival of Representations. All representations, warranties and agreements made by the Lessor and the Lessee in this Lease or in any exhibit, certificate, document or instrument delivered pursuant to the provisions hereof or in connection with the transactions contemplated hereby, and the remedies of the Lessee and the Lessor with respect thereto, shall survive the termination of this Lease for a period of five (5) years.

(b) Waivers and Amendment.

(i) The Lessor or the Lessee may, by written notice to the other may, (i) extend the time for the performance of any of the obligations or other actions of the other; (ii) waive any inaccuracies in the representations or warranties of the other contained in this Lease; (iii) waive compliance with any of the covenants of the other contained in this Lease; and (iv) waive or modify performance of any of the obligations of the other.

(ii) This Lease may be amended, modified or supplemented only by a written instrument executed by all the parties hereto. Except as provided in the preceding sentence, no action taken pursuant to this Lease, including, without limitation, any investigation by or on behalf of any party, shall be deemed to constitute a waiver by the party taking such action of compliance with any representations, warranties, covenants or agreements contained herein. The waiver by any party hereto of a breach of any provision of this Lease shall not operate or be construed as a waiver of any subsequent breach.

(c) Expenses. Whether or not the transactions contemplated by this Lease are consummated, the Lessee shall be responsible for the fees and expenses of its counsel, accountants, other experts and all other expenses incurred by it incident to the negotiation, preparation and execution of this Lease, and the Lessor shall be responsible for any and all such fees and expenses incurred by it incident to the negotiation, preparation and execution of this Lease and the performance by it of its obligations hereunder.

(d) Occurrences of Conditions Precedent. Each of the parties hereto agrees to use its best efforts to cause all conditions precedent to its obligations under this Lease to be satisfied.

(e) Notices. All notices, requests, demands and other communications which are required or may be given under this Lease shall be in writing and shall be deemed to have been duly given if delivered personally or sent by registered or certified mail, return receipt requested, postage prepaid:

(a) If to the Lessor to:  
City of Pittsburgh  
City County Building

Pittsburgh, PA 15219  
Attention: City Solicitor

(b) If to the Lessee to:  
The Pittsburgh Water and Sewer Authority  
441 Smithfield Street  
Pittsburgh, PA 15222  
Attention: Executive Director

or to such other address as any party shall have specified by notice in writing to the other.

(f) Entire Agreement. This Lease and the Exhibits hereto constitute the entire agreement between the Lessee and the Lessor with respect to the subject matter hereof.

(g) Binding Effect; Benefits. This Lease shall inure to the benefit of and be binding upon the parties hereto and their successors; nothing in this Lease, expressed or implied, is intended to confer on any other person other than the parties hereto, or their successors, any rights, remedies, obligations or liabilities under or by reason of this Lease.

(h) Non-assignability. This Lease and any rights pursuant hereto shall not be assignable by either party without the prior written consent of the other and any assignment in violation hereof shall be null and void and of no force and effect.

(i) Applicable Law. This Lease and the legal relations between the parties hereto shall be governed by and in accordance with the laws of the Commonwealth of Pennsylvania.

(j) Section and Other Headings. The section and other headings contained in this Lease are for reference purposes only and shall not affect the meaning or interpretation of this Lease.

(k) Counterparts. This Lease may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to be one and the same instrument.

(l) Recordation. Lessor and Lessee agree to execute contemporaneously herewith a Memorandum of Lease for recordation in the Office of the Recorder of Deeds of Allegheny County, Pennsylvania, in lieu of this Lease.

(m) Further Assurances. The parties hereto each agree to execute, make, acknowledge and deliver such instruments, agreements, assignments, other instruments of title and conveyances and other assurances and documents as may be required to effectuate the purposes of this Capital Lease Agreement and to consummate the transactions contemplated hereby.

IN WITNESS WHEREOF, the undersigned, intending to be legally bound hereby, have duly executed and delivered this Lease as of the date first above written.

ATTEST:

Loran A. Munn  
Secretary  
Treasurer

THE PITTSBURGH WATER AND  
SEWER AUTHORITY

By: Joseph P. Patton Jr  
Chairman

ATTEST:

M. Linda Langewere  
Secretary to the Mayor

CITY OF PITTSBURGH

By: F. M. [Signature]  
Mayor

Approved as to Form:

Suzanne K. [Signature]  
City Solicitor

Countersigned:

By: [Signature]  
City Controller

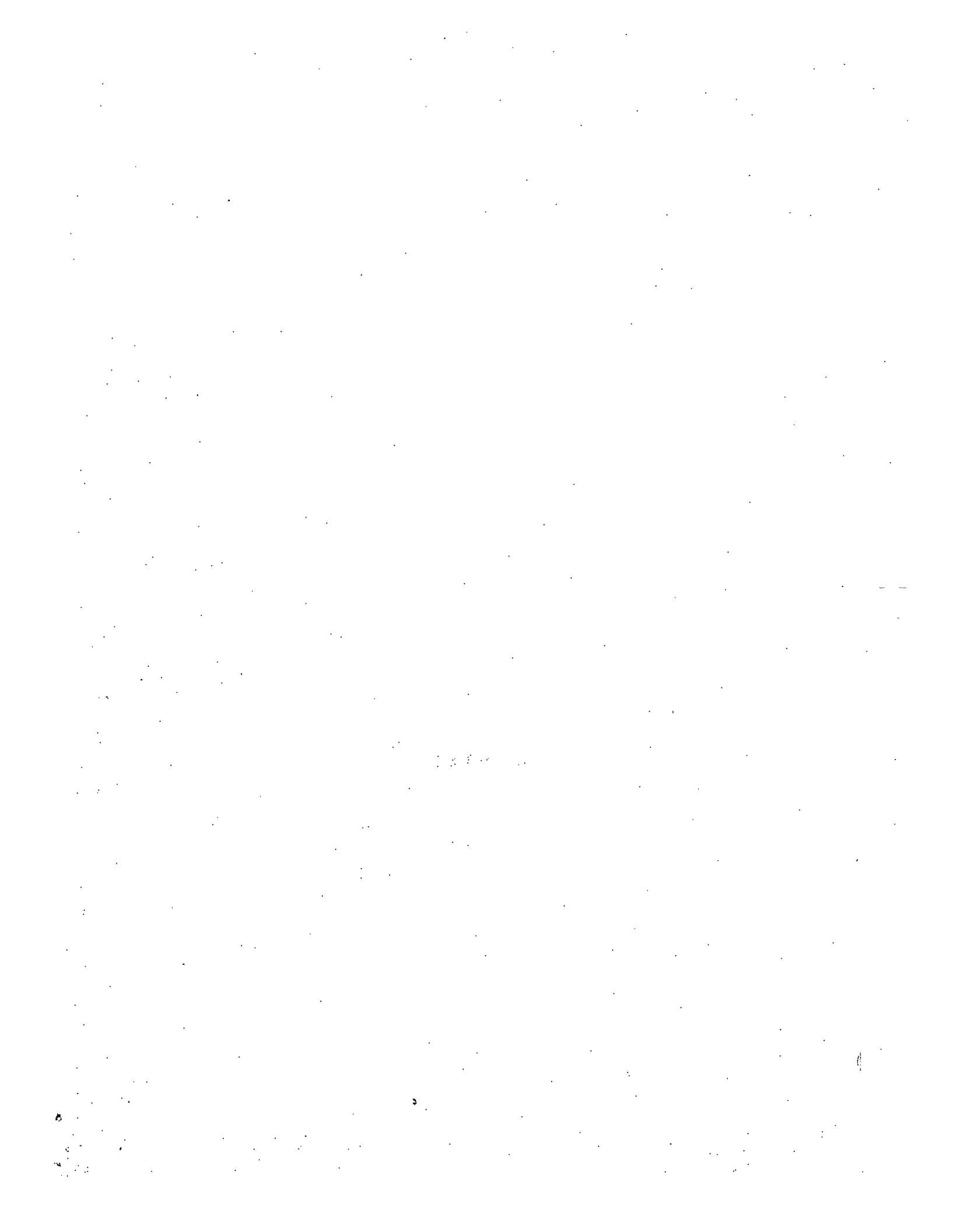
Approved as to form:  
By: [Signature] & Chilcote, P.C.,  
Secretary to the Controller,  
City of Pittsburgh

[Signature]  
City Controller

EXHIBITS

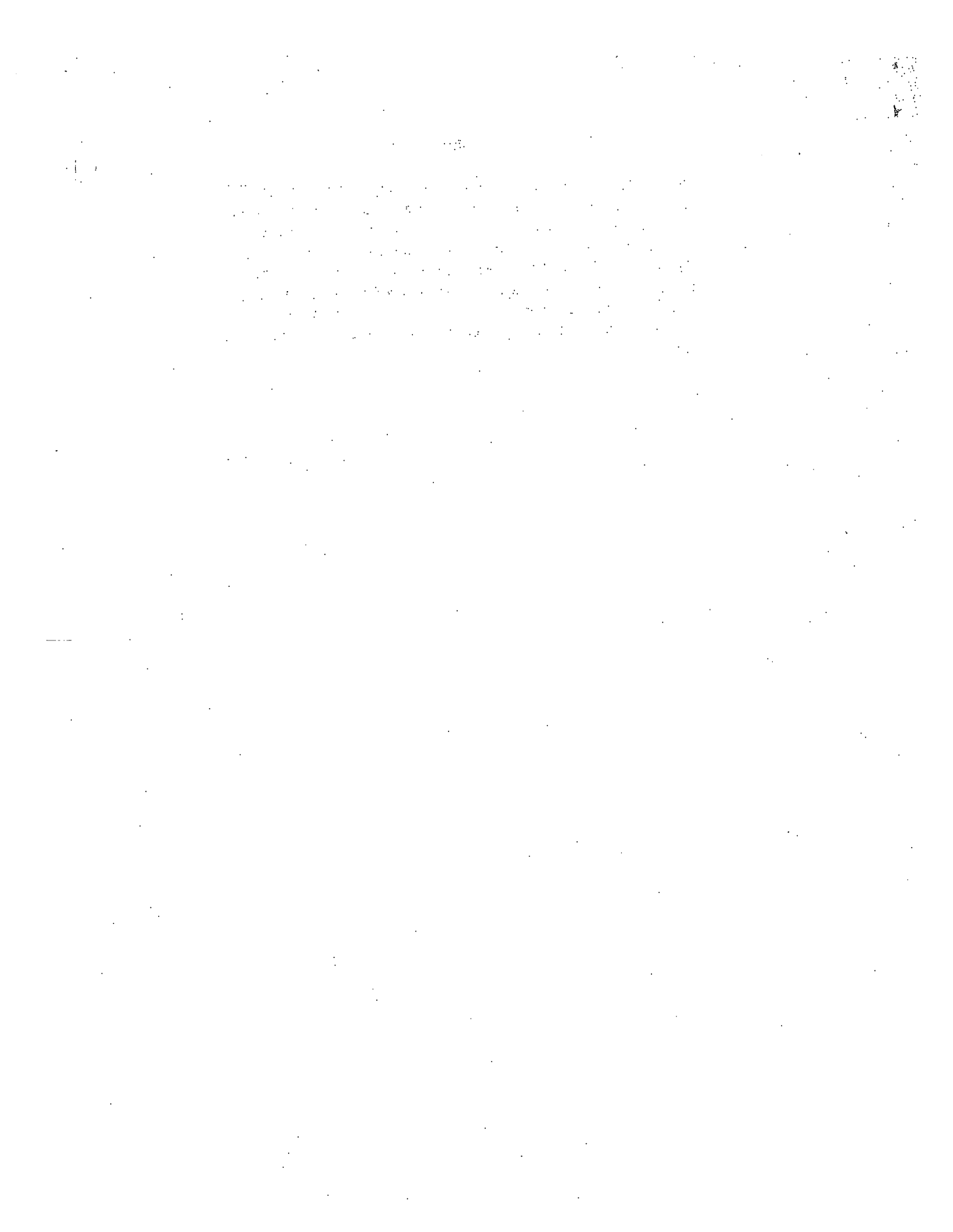
- A. Leased Property and Contracts.
- B. Excluded Assets
- C. Description of certain recent changes or events affecting the Lessor.
- D. Description of liens, security interests and encumbrances on property.
- E. Description of litigation involving the Leased Property.
- F. List of approvals, authorizations, consents, licenses and permits required in connection with the operation of the business.
- G. Environmental Matters.
- H. Description of litigation against the Lessee.

**EXHIBIT A**



## Exhibit A

The System includes the plants and equipment, structures, facilities, lands, easements, rights of way, water lines and sewer lines, patents, copyrights, contracts with municipalities or authorities outside the boundaries of the City, water treatment plants, pumping facilities, reservoirs, storage tanks, distribution mains, service lines and appurtenances, sewers, inlets, manholes, diversion structures, pumping stations and force mains, including but not limited to the properties and contracts set forth in Exhibit A.



**PITTSBURGH WATER & SEWER AUTHORITY**  
**FACILITY BLOCK & LOT NUMBERS, DEED REGISTRY RECORDS**  
**DEC PROJECT NO. 95700**

1) **WATER TREATMENT PLANT**

Block & Lot No. 171-B-1  
 Deed Book Volume 1092, Page 542

No. 1: Nov. Term 1901 U.S. Court  
 Confirmed 5-5-1902 (32 Acres) + (7 Acres)

No. 36: May Term 1905 U. S. Court  
 Confirmed 1-14-1906

City of Pittsburgh Ordinance No. 12	Passed	05-27-1904
Volume 16, Page 65 (55 Acres) + (21.57 Acres)		
Deed Book Volume 1092, Page 542	Passed	12-06-1900
(47 1/2 Acres) + (3 1/2 Acres)		

From the PA. Railroad to City of Pittsburgh		
Deed Book Volume 2841, Page 315		05-02-1945
1,326 Acres Subject to PA Route #70 Relocation		

Part Sold to U.R.A.		
Block & Lot No. 171-F-50	Deed Date 11-21-1977	
59.12 Acres	Deed Book Volume 5701, Page 983	09-03-1975

2) **CENTRAL WAREHOUSE - 25th Street**

Block & Lot No. 25-P-3		
Deed Book Volume 3628, Page 125		08-22-1957

3) **ALLENTOWN TANKS**

Block & Lot No. 3-J-180		
Deed Book Volume 2523, Page 386		10-31-1935

Condemnation Proceedings No. 4822	January Term 1928 (Docket "D")	
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- 4) **GARFIELD TANK**
- Block & Lot No. 50-H-334  
Deed Book Volume 3692, Page 562 04-01-1958
- Vacating 20' & 10' Ways Ordinance # 160 04-14-1958
- Part Sold to Housing Authority  
Block & Lot No. 50-H-333 Lot 60'x 52'x 45'x 52.24 03-23-1959
- 5) **SQUIRREL HILL TANKS**
- Block & Lot No. 55-M-306  
Deed Book Volume 2567, Page 114 01-30-1937
- For difference see Ordinance No. 41 01-27-1939
- Condemnation for Water System See Survey Plan No. 2963
- Treasurer Deed Book No. 5, Page 349 12-30-1948
- 6) **HIGHLAND PARK RESERVOIR Nos. 1 & 2**
- Block & Lot No. 82-H-1  
Deed Book Volume 907, Page 197 06-26-1895  
Deed Book Volume 296, Page 49 03-28-1872
- Deed Description (See Highland Park File)
- Vacating Serpentine Drive, Ordinance No. 417 09-20-1966
- 7) **Mc NAUGHER RESERVOIR**
- Block & Lot No. 46-L-240  
Deed Book Volume 2333, Pages 138, 139, 140, 141, 142
- Lots taken by Condemnation Lot Nos. 238 to 241, and 272  
Ordinance Book No. 39, Page 87 Approved 06-30-1927  
April Term 1928 C.P. No. 3323

Vacating and Relocating Glenrose Avenue  
Old Allegheny Ordinance Approved

09-22-1898

Vacating Lafayette Avenue Ordinance No. 774

12-01-1927

Part sold out of deed  
Block & Lot No. 46-L-187  
Deed Book Volume 4059, Page 374  
Deed Date January 11 & May 13, 1963

8) **BRASHEAR TANKS**

Block & Lot No. 162-S-25  
Deed Book Volume 833, Page 600

05-22-1893

Deed made out to City of Allegheny

Mountain Street vacated by virtue of the City of Pittsburgh using the property as a reservoir.

9) **SPRING HILL TANKS**

Block & Lot No. 47-P-271  
Deed Book Volume 2358, Page 228  
Deed Book Volume 543, Page 505

04-05-1928  
09-25-1886

10) **HERRON HILL RESERVOIR & TANK**

Block & Lot No. 26-P-250  
Deed Book Volume 296, Page 331  
Deed Book volume 292, Page 227

05-06-1872  
06-29-1872

11) **LINCOLN TANK**

Block & Lot No. 173-6-104  
Deed Book Volume 2647, Page 3

11-16-1930

12) LAMPHER RESERVOIR

Block & Lot No. 119-B-300

Deed Book Volume - - - - Page - - - -

C.P.C.

82	March Term	1912	83	March Term	1912
84	March Term	1912	95	March Term	1912
86	March Term	1912	93	March Term	1912
87	March Term	1912	92	March Term	1912
96	March Term	1912	2338	January Term	1913
88	March Term	1912	2340	January Term	1913
91	March Term	1912	85	March Term	1913

34,2236 Acres

13) HERRON HILL PUMP STATION

Block & Lot No. 27-D-35

Deed Book Volume 409, Page 141	10-17-1879
Deed Book Volume 957, Page 195	10-30-1896
Deed Book Volume 972, Page 197	06-19-1897

Parts sold out of deed:

Deed Book Volume 2443, Page 435	05-06-1931
Deed Book Volume 2538, Page 532	03-31-1931

For difference see:

Ordinance No. 528	10-15-1931
Ordinance No. 369	11-29-1904

14) BRILLIANT PUMP STATION

Block & Lot No. 122-L-50

Deed Book Volume 907, Page 197	06-26-1895
Deed Book Volume 296, Page 49	03-28-1872

Deeds read to Allegheny River. Additional land acquired by U.S. Harbor line. Larger part of this acreage used by Highland Park and Allegheny Valley Railroad.

15) LINCOLN PUMP STATION

Block & Lot No. 123-R-12  
Deed Book Volume . . . . ., Page . . . . .

Taken by Condemnation City Ordinance No. 174

Old Deed: 1969, Page 112

2903, Page 695

2770, Page 242

04-11-1950

07-01-1947

08-27-1946

09-16-1943

16) HIGHLAND PARK PUMP STATION

Block & Lot No. 82-H-1  
Deed Book Volume 907. Page 197  
Deed Book Volume 296. Page 49  
(See No. 14 Brilliant Pump Station)

17) MISSION PUMP STATION

Block & Lot No. 12-P-152  
Deed Book Volume 2825. Page 512

06-15-1946

18) HOWARD STREET PUMP STATION

Block & Lot No. 46-S-87  
Deed Book Volume 1192. Page 10  
Deed Book Volume 712. Page 262  
Deed Book Volume 704. Page 65  
Deed Book Volume 434. Page 187

02-27-1902

06-25-1890

05-05-1890

10-19-1881

Deed overall 143 x 85.083 x ? x 80 x 95 x 30 x 66 x ? x 102  
Subject to widening of Howard and Compromise Street



22) **MIFFLIN ROAD**

Block & Lot No. 243-G-144

Deed Book Volume . . . . , Page . . . .

12-19-1950

Sewer Pump Station, Built 1951

23) **BROWNS HILL SEWER PUMP STATION**

Block & Lot No. 89-C-64

Deed Book Volume 2619

Page 87

12-16-1938

R/W for Homestead High Level Bridge, Allegheny County  
Grand Jury Map No. 2775

Sewer Pump Station, Built 1970

—

BE ADVISED THAT THE CITY OF PITTSBURGH AND/OR PITTSBURGH WATER AND SEWER AUTHORITY HAVE AGREEMENTS IN PRINCIPAL OR WRITING TO PROVIDE WATER TO THE FOLLOWING MUNICIPALITIES:

1. Boro of Aspinwall
2. Boro of Blawnox
3. Boro of Etna
4. Fox Chapel Boro
5. O'Hara Township
6. Boro of Millvale
7. Reserve Township
8. Shaler Township
8. Borough of Sharpsburg
10. West Veiv Water Authority

THE AUTHORITY IS ALSO UNDER CONTRACT TO PROVIDE WATER TO THE PENNSYLVANIA-AMERICAN WATER COMPANY.

100

100  
100

**AGREEMENT PARTIES  
DATE**

5/6/21 Agreement: Louis A. Meyran & City of Pittsburgh

5/9/22 Agreement: Sarah Nancy Benedum/Clara H. Brown/Charles M. Brown/Margaret B. Blair and Antoinette Goldy Kuhn & City of Pittsburgh

7/27/22 Agreement: W. Frank Bingler and City of Pittsburgh

7/27/22 Agreement: W.E. Hamnett & City of Pittsburgh

4/11/23 Agreement: T.A. Watkins & City of Pittsburgh

7/28/26 Agreement: Pittsburgh Railways Company & City of Pittsburgh

7/30/26 Agreement: Pennsylvania Railroad Company & City of Pittsburgh

9/1/26 Agreement: Pennsylvania Railroad Company & City of Pittsburgh

3/2/27 Agreement: Borough of Blawnox & City of Pittsburgh

4/11/27 Agreement: Irene E. Given/John L. Given/Howard Heinz/Elizabeth Rust Heinz/Clifford E. Heinz/Sarah Y. Heinz & City of Pittsburgh

4/26/27 Agreement: Pennsylvania College for Women & City of Pittsburgh

9/2/27 Agreement: Adolph Luebbert/Ceceli Luebbert & City of Pittsburgh

9/25/30 Contract: University of Pittsburgh & City of Pittsburgh

1946 Agreement: City of Pittsburgh & Ross Township

11/30/54 Agreement: City of Pittsburgh & Auth. E.L.Smith

4/18/56 Agreement: City of Pittsburgh and Robert O. Pfendler/Betty C. Pfendler

4/19/56 Agreement: City of Pittsburgh & Franklin Land Company

1/4/57 Agreement: City of Pittsburgh & Joseph Kane

8/13/58 Agreement: City of Pittsburgh & South Pittsburgh Water Company

1972 Agreement: City of Pittsburgh & Western Pennsylvania Water Company

3/25/58 Agreement: Commonwealth of Pennsylvania & City of Pittsburgh

8/13/73 Agreement: City of Pittsburgh & The Mercy Hospital of Pittsburgh

2/24/41 Agreement: Vira I. Hein / H.J. Heinz II & City of Pittsburgh

12/4/79 Agreement & Payment Schedule: City of Pittsburgh & Point Park College

**AGREEMENT PARTIES  
DATE**

8/27/56 City of Pittsburgh & Reserve Township

3/1/56 Negotiated Contract for Water and Sewer Services U.S. Naval and Marine Corps Reserve Center, Pittsburgh, PA & City of Pittsburgh, Department of Water

12/7/68 Modification of Contract (above)

10/1/86 Modification of Contract (above)

5/1/15 City of Pittsburgh & Reserve Township

3/24/49 Agreement: City of Pittsburgh & John Becker

12/21/56 City of Pittsburgh & Reserve Township

12/21/56 Agreement: City of Pittsburgh & Reserve Township

7/2/59 (Supplemental Agreement 8/27/56) City of Pittsburgh Reserve Township

8/1/03 Agreement: Security Investment Company & City of Pittsburgh

2/19/25 Agreement: City of Pittsburgh & Shady Side Academy and Fox Chapel Golf Club

3/2/27 Agreement: City of Pittsburgh & Borough of Blawnox

12/17/27 Agreement: City of Pittsburgh & Aspinwall - Delafield Company

12/16/57 Agreement: City of Pittsburgh & Borough of Blawnox

Undated (1948) Agreement: City of Pittsburgh & Ross Township Authority

1/4/57 Agreement: City of Pittsburgh & Joseph Kane

5/16/62 Agreement: City of Pittsburgh & Arthur Piscitelli

4/15/42 Agreement: Township of Reserve & City of Pittsburgh & Ross Township Authority

4/15/42 Agreement: City of Pittsburgh & Ross Township Authority

4/23/42 Agreement: City of Pittsburgh & Township of Ross & Ross Township Authority

9/20/54 Agreement: City of Pittsburgh & Reserve Township

12/30/55 Agreement: City of Pittsburgh & Reserve Township

10/17/60 Agreement: City of Pittsburgh & Township of Reserve

11/19/68 Agreement: City of Pittsburgh & Township of Reserve

**AGREEMENT PARTIES  
DATE**

1/21/82	Agreement: City of Pittsburgh & Township of Reserve
7/2/29	Agreement: Borough of Sharpsburg & City of Pittsburgh
5/21/30	Agreement: Shaler Township & City of Pittsburgh
4/13/48	Agreement: City of Pittsburgh & Keystone Box Company
5/2/50	Agreement: City of Pittsburgh & Keystone Box Company
12/7/59	Agreement: City of Pittsburgh & Borough of Greentree
4/2/63	Agreement: City of Pittsburgh & Borough of Greentree
2/19/88	Agreement: City of Pittsburgh & Borough of Greentree
1/84	Agreement: City of Pittsburgh & Buncher Company
2/7/73	Agreement: City of Pittsburgh & Buncher Company
10/27/87	Agreement: City of Pittsburgh & Pittsburgh Allegheny County Company Vietnam Veterans Monument Fund Charitable Trust
Spring 78	Agreement: City of Pittsburgh & Charles W. Goodwin
3/24/88	Agreement: The Pittsburgh and Lake Erie Railroad Company & City of Pittsburgh
5/1/68	Agreement: City of Pittsburgh & Allegheny County Sanitary Authority & General Wire Spring Company
10/12/88	Agreement: POA Company & City of Pittsburgh
9/27/60	Agreement: The County of Allegheny/City of Pittsburgh & H.W. Bliss Company
5/11/66	Agreement: City of Pittsburgh & Tasso Katselas, George Metz & Paul Kyros. t/d/b/a Tosso Katselas and Assoc.
7/22/66	Agreement: Associated Realty Company, Inc. & City of Pittsburgh
7/1/82	Agreement: Allegheny Mobile Home Park & City of Pittsburgh
1/27	Agreement: City of Pittsburgh & J&L Steel Company
1/27	Agreement: City of Pittsburgh & Monongahela Connecting Railroad Company
1/31	Agreement: Wilbur/Bertha Parshley & City of Pittsburgh
1/57	Agreement: Pennsylvania Railroad Company & City of Pittsburgh
1/62	Agreement: Matthews and Arent & City of Pittsburgh

**AGREEMENT PARTIES  
DATE**

5/28/59 Agreement City of Pittsburgh & Borough of Baldwin & Municipal Authority of the Borough Baldwin

7/13/59 Release - Verona - Penn Construction, Inc. to City of Pittsburgh

12/27/63 Agreement: City of Pittsburgh & Borough of Baldwin & Municipal Authority of the Borough Baldwin

6/5/35 Agreement: Baltimore and Ohio Railroad & City of Pittsburgh

9/10/46 Agreement: County of Allegheny & City of Pittsburgh

8/9/21 Agreement: City of Pittsburgh & James and Laughlin Steel Company

2/8/31 Agreement: City of Pittsburgh & Borough of Ingram

4/15/35 Agreement: Pittsburgh and West Virginia Railway Company & City of Pittsburgh

8/16/61 Agreement: City of Pittsburgh & Borough of Ingram

12/8/39 Release: City of Pittsburgh & Copper Range Company, f/k/a C.G. Hussey and Company

3/1/45 Agreement: City of Pittsburgh & Atlas Equipment Corporation

4/11/55 Agreement: Scott Township & City of Pittsburgh

6/10/66 Agreement: City of Pittsburgh & Borough of Munhall

5/15/33 Agreement: City of Pittsburgh & Borough of Swissvale

4/30/46 Agreement: United Construction Company & City of Pittsburgh

3/23/25 Release: A. Wolczanski to Shadeland Realty Company on City of Pittsburgh

11/1/30 Agreement: Pittsburgh, Crafton and Mansfield Street Railway Company, Pittsburgh Railways Company & city of Pittsburgh

12/7/36 Agreement: Borough of Greentree & City of Pittsburgh

2/9/42 Agreement: Pittsburgh Railways Company & City of Pittsburgh

8/8/60 Agreement: Township of Reserve & Margareta Rapp Stroh

8/8/60 Agreement: Township of Reserve & Frank / Helen Mizgorski

10/17/60 Agreement: City of Pittsburgh & Township of Reserve

6/22/70 Agreement: City of Pittsburgh & Pittsburgh National Bank & Oliver Tyrone Corp.

**AGREEMENT PARTIES  
DATE**

6/1/65	Agreement: Township of Ross & City of Pittsburgh
6/1/66	Agreement: City of Pittsburgh & ALCOSAN & Papercraft Properties, Inc.
6/10/66	Agreement: City of Pittsburgh & Borough of Munhall
3/1/68	Agreement: City of Pittsburgh & ALCOSAN & Carlyton School District
11/1/69	Agreement: City of Pittsburgh & ALCOSAN & United States Steel Corporation
7/21/70	Agreement: City of Pittsburgh & Township of Penn Hills
9/1/71	Agreement: City of Pittsburgh & ALCOSAN & Jacob H. Kutz and Kutz Engineering
2/1/74	Agreement: Borough of Wilkinsburg & City of Pittsburgh
2/15/74	Agreement: City of Pittsburgh & Borough of Crafton
1/30/75	Agreement: City of Pittsburgh & Borough of Munhall & Borough of West Homestead & County of Allegheny
9/8/87	Agreement: ALCOSAN & City of Pittsburgh & McDonald Borough
10/8/87	Agreement: ALCOSAN & City of Pittsburgh & Oakdale Borough & Oakdale Municipal Authority
3/21/91	Agreement: ALCOSAN & City of Pittsburgh & Oakdale Borough & Oakdale Municipal Authority
3/21/91	Agreement: ALCOSAN & City of Pittsburgh & McDonald Borough
3/21/91	Agreement: ALCOSAN & City of Pittsburgh & North Fayette Township
10/12/93	Service Agreement: ALCOSAN & City of Pittsburgh & Municipality of Penn Hills
1 /58	Agreement: School District of Pittsburgh & City of Pittsburgh
3/7/29	Agreement: City of Pittsburgh & Pitometer Company, Inc.
4/22/30	Agreement: City of Pittsburgh & Pitometer Company, Inc.
2/5/32	Agreement: City of Pittsburgh & Pitometer Company, Inc.
10/27/38	Agreement: City of Pittsburgh & Pitometer Company, Inc.
2/27/56	Agreement: City of Pittsburgh & Pitometer Associates Engineers
7/5/56	Agreement: City of Pittsburgh & Pitometer Associates Engineers

**AGREEMENT PARTIES  
DATE**

3/17/58 Agreement: City of Pittsburgh & Pitometer Associate Engineers

3/30/60 Agreement: City of Pittsburgh & Pitometer Associate Engineers

Undated Agreement: City of Pittsburgh & ALCOSAN (Saw Mill Run Agreement) pursuant to resolution #24 of 3/9/90

2/ 157 Agreement: Township of Penn & City of Pittsburgh

1 / 166 Agreement: City of Pittsburgh & ALCOSAN & Blaw-Knox Company

1 / 167 Agreement: City of Pittsburgh & Borough of Aspinwall

1 / 170 Agreement: City of Pittsburgh & ALCOSAN & Township of Robinson

1 / 173 Agreement: Borough of Wilksburg & City of Pittsburgh

1 / 174 Agreement: City of Pittsburgh & Borough of Munhall & Borough of West Homestead & Authority For Improvements in Municipalities of Allegheny County

1 / 174 Agreement: City of Pittsburgh & ALCOSAN & The Municipal Authority of the Township of Upper St. Clair & Upper St. Clair Township & South Fayette Township & The Municipal Authority of the Township of South Fayette

1 / 174 Agreement: City of Pittsburgh & ALCOSAN & Township of North Huntingdon/North Huntingdon Township Municipal Authority/Township of Penn, Penn Township Sewage Authority Westmoreland Municipal Authority

1 / 176 Agreement: City of Pittsburgh & ALCOSAN & Township of Collier

1 / 177 Agreement: City of Pittsburgh & Richard Township Municipal Authority

1 / 179 Agreement: City of Pittsburgh & Municipal Authority of the Borough of West View

1 / 179 Agreement: City of Pittsburgh & ALCOSAN

1 / 179 Supplemental Agreement: City of Pittsburgh & Westinghouse Broadcasting Company, Inc. (unsigned - 1st page only)

9/11/30 Agreement: Borough of Crafton & City of Pittsburgh

10/14/36 Agreement: Brentwood Borough & City of Pittsburgh

1/50/50 Agreement: City of Pittsburgh & ALCOSAN & Westinghouse Electric Corporation

2/1/50 Agreement: City of Pittsburgh & ALCOSAN & Borough of Trafford

**AGREEMENT PARTIES  
DATE**

7/17/35 Agreement: Pennsylvania Railroad Company & City of Pittsburgh

11/22/40 Agreement: City of Pittsburgh & Housing Authority of City of Pittsburgh

12/5/40 Agreement: City of Pittsburgh & Housing Authority of City of Pittsburgh

5/8/41 Agreement: Township of Baldwin & City of Pittsburgh

4/23/42 Release: City of Pittsburgh to Housing Authority of City of Pittsburgh

10/13/19 Agreement: City of Pittsburgh & Borough of Wilkinsburg

6/6/58 Agreement: Pennsylvania Railroad Company & City of Pittsburgh

5/1/59 Agreement: Pennsylvania Railroad Company & City of Pittsburgh

4/9/28 Agreement: Henry A. Phillips and Sara B. Holland, Trustees for the Sara M. Phillips Knoll Trust & City of Pittsburgh

4/7/31 Lease: City of Pittsburgh & John L. Hubbard

10/31/25 Agreement: City of Pittsburgh & Boroughs of Dormont, Knoxville, Carrick, Brentwood, Overbrook, Castle Shannon, Mt. Oliver and Mt. Lebanon Township

3/15/43 Release: City of Pittsburgh & Ernest E. Meier / Stella E. Meier

5/1/63 Lease Rider: City of Pittsburgh & B&I Motor Express

6/1/65 Agreement: Ross Township & City of Pittsburgh

Fall 87 Agreement: ALCOSAN & City of Pittsburgh & North Fayette Township

4/46 Agreement: Alcosan & City of Pittsburgh

1949 Agreement: City of Pittsburgh & ALCOSAN

1990 Agreement: City of Pittsburgh & Pittsburgh Water and Sewer Authority and ALCOSAN

5/4/28 Agreement: City of Pittsburgh & Borough of Crafton

2/8/31 Agreement: City of Pittsburgh & Borough of Ingram

5/8/41 Agreement: Township of Baldwin & City of Pittsburgh

7/16/45 Agreement: ALCOSAN & City of Pittsburgh

5/18/48 Agreement: ALCOSAN & City of Pittsburgh

7/8/49 Agreement: ALCOSAN & City of Pittsburgh

**AGREEMENT PARTIES**  
**DATE**

8/1/49 Agreement: ALCOSAN & City of Pittsburgh

8/1/49 Agreement: ALCOSAN & City of Pittsburgh

2/1/52 Agreement: City of Pittsburgh & ALCOSAN & Boroughs of Blawnox and Verona and Townships of O'Hara and Penn & Allegheny Company Work House and Irebriate Asylum

3/1/52 Agreement: City of Pittsburgh & ALCOSAN & Commonwealth of Pennsylvania

6/1/53 Agreement: City of Pittsburgh & ALCOSAN & Universal Cyclops Steel Corporation

9/1/53 Agreement: City of Pittsburgh & ALCOSAN & The Pittsburgh Railroad Company

9/1/53 Agreement: City of Pittsburgh & ALCOSAN & The PA Railroad Company

8/1/55 Agreement: City of Pittsburgh & ALCOSAN & Borough of Monroeville

9/2/58 Supplemental Agreement: City of Pittsburgh & ALCOSAN & Borough of Trafford

9/4/58 Agreement: City of Pittsburgh & ALCOSAN

12/23/58 Agreement: City of Pittsburgh & ALCOSAN

2/1/60 Agreement: City of Pittsburgh & Township of Ross & Borough of Bellevue & ALCOSAN

4/1/60 Agreement: City of Pittsburgh & ALCOSAN & Borough of Monroeville & Township of Penn & Penn Township Sewage Authority Westmoreland Company, Pennsylvania

1/1/62 Agreement: City of Pittsburgh & ALCOSAN & Universal Cyclops Steel Corporation

5/1/62 Agreement: City of Pittsburgh & Borough of West Mifflin

4/18/63 Agreement: City of Pittsburgh & Township of Penn Hills

12/1/63 Agreement: City of Pittsburgh & ALCOSAN & Borough of Franklin Park

5/1/64 Agreement: City of Pittsburgh & ALCOSAN & Three Rivers Company

9/1/64 Agreement: City of Pittsburgh & ALCOSAN & Upper St. Clair Township & Municipal Authority of the Township of Upper St. Clair & Peters Township, Washington County

**AGREEMENT PARTIES**  
**DATE**

2/1/50 Agreement: City of Pittsburgh & ALCOSAN & Kennedy/Kilbuck/Upper  
St. Clair

2/1/50 Agreement: City of Pittsburgh & ALCOSAN & American Cyanamid  
Company

2/1/50 Agreement: City of Pittsburgh & ALCOSAN &  
Acheson Manufacturing Company  
Armour & Company  
A.M. Byers Company  
The Cruikshank Brothers Company  
Falk & Company  
Fried & Reineman Packing Company  
General Electric Company  
H.J. Heinz Company  
Lutz & Scuramm, Inc.  
National Lead Company  
Pittsburgh Melting Company  
Rockwell Manufacturing Company  
The P. McGraw Wool Company

5/1/55 Agreement: ALCOSAN & City of Pittsburgh

2/1/60 Agreement: City of Pittsburgh & Township of Ross & Borough of  
Bellevue & ALCOSAN

7/28/60 Agreement: City of Pittsburgh & Borough of Greentree

4/8/63 Agreement: City of Pittsburgh & Township of Penn Hills

3/18/64 Agreement: City of Pittsburgh & Regional Industrial Development  
Corporation of Southwestern Pennsylvania

3/22/65 Agreement: County of Allegheny & City of Pittsburgh

6/1/65 Agreement: Township of Ross & City of Pittsburgh

7/21/66 Stand-By Water Agreement: City of Pittsburgh & Borough of Homestead

10/17/67 Agreement: City of Pittsburgh & Aspinwall

3/1/68 Agreement: City of Pittsburgh & ALCOSAN & The American Oil  
Company

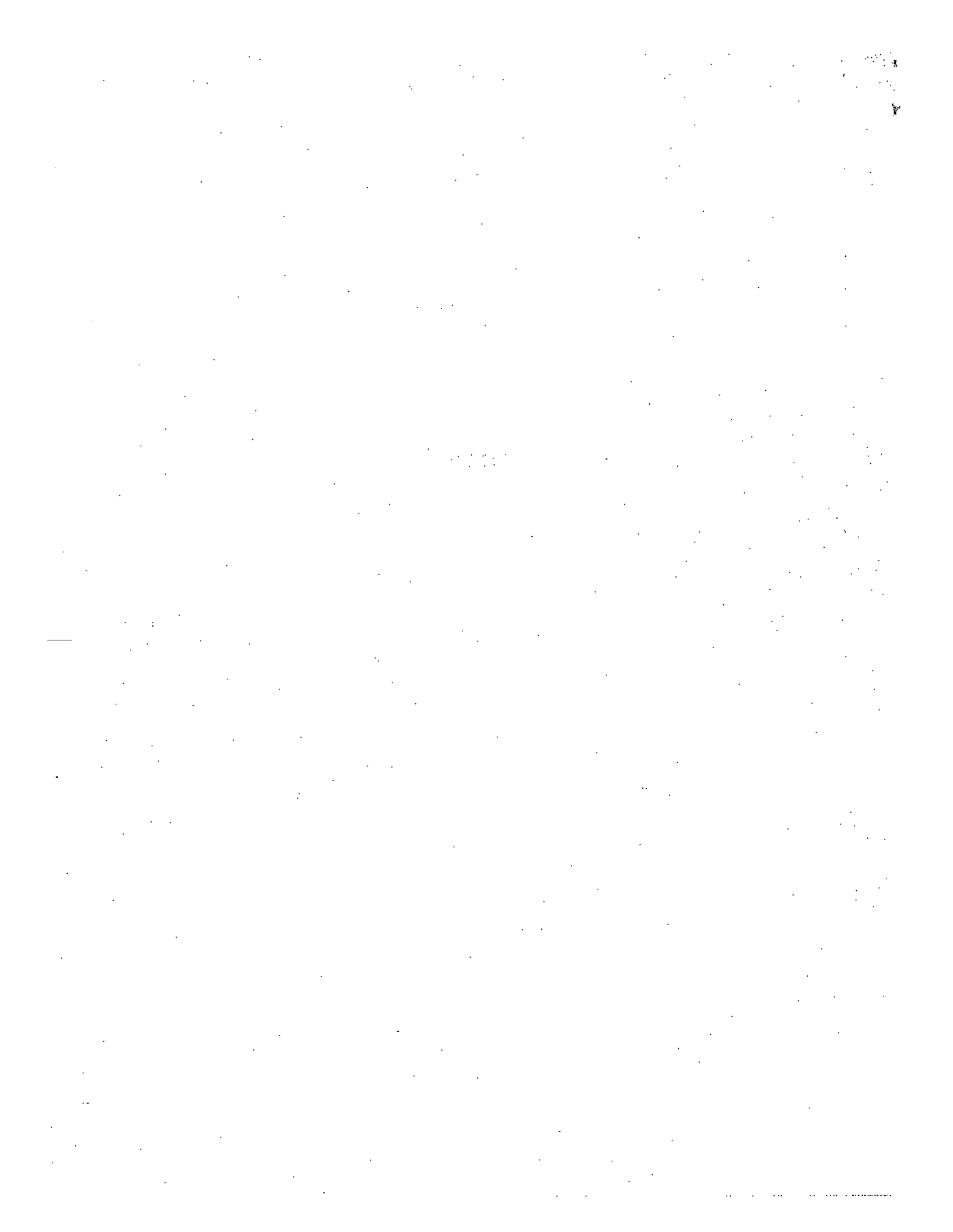
7/9/68 Agreement: Borough of West Homestead & City of Pittsburgh

7/18/68 Agreement: City of Pittsburgh & Municipal Authority of the Borough of  
West View

**AGREEMENT PARTIES**  
**DATE**

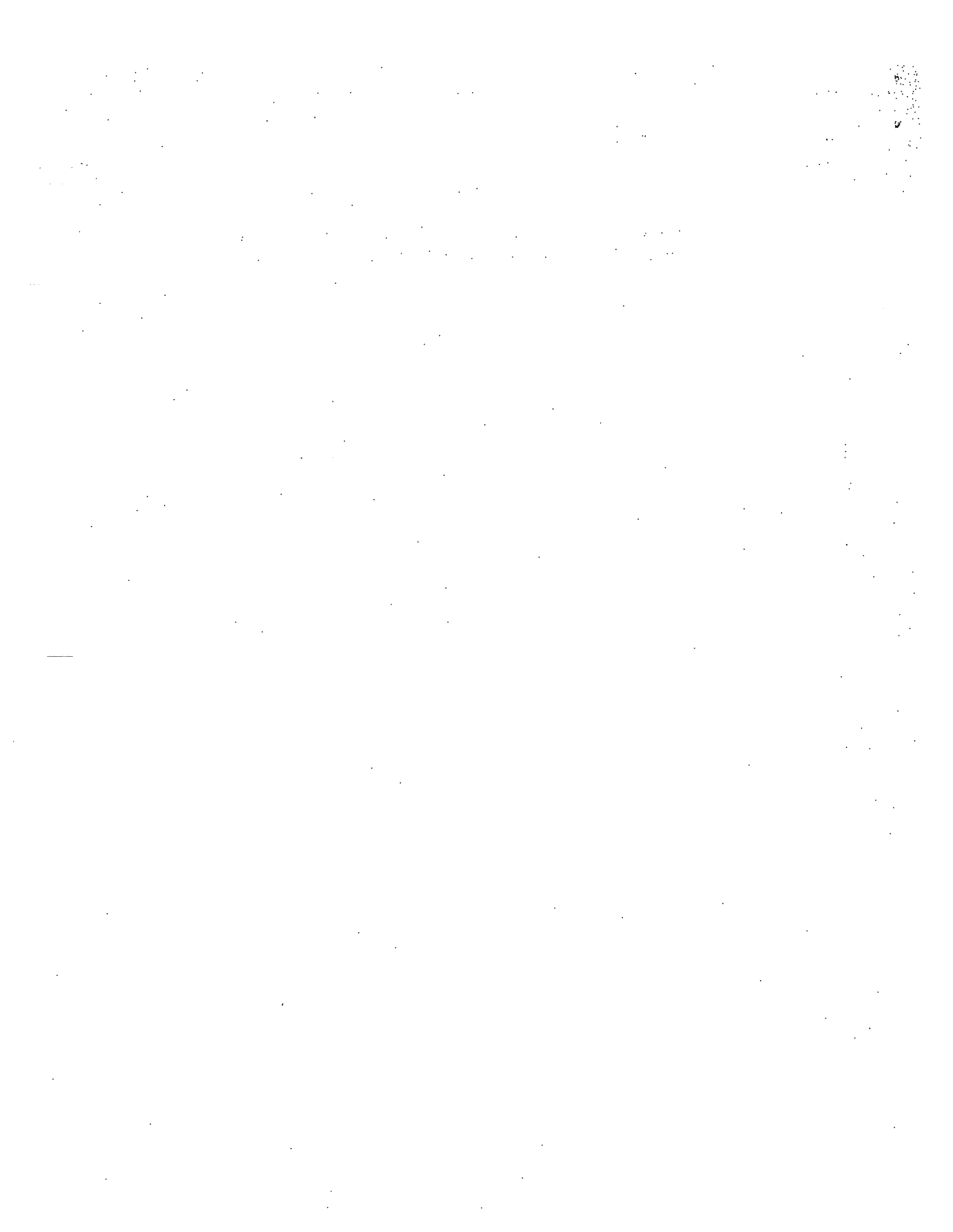
12/1/68 Agreement: City of Pittsburgh & ALCOSAN & Armour Company  
5/1/69 Agreement: City of Pittsburgh & ALCOSAN & Ohio Township  
7/21/70 Agreement: City of Pittsburgh & Township of Penn Hills  
10/1/70 Agreement: City of Pittsburgh & ALCOSAN & Indiana Township  
12/1/70 Supplementary Agreement City of Pittsburgh & ALCOSAN & Borough  
of West Mifflin  
6/1/71 Agreement: City of Pittsburgh & ALCOSAN & Township of Robinson  
1/1/73 Agreement: City of Pittsburgh & ALCOSAN & Armour and Company  
5/7/74 Agreement: City of Pittsburgh & ALCOSAN & The Municipal  
Authority of the Township of Upper St. Clair  
9/12/83 Agreement: ALCOSAN & City of Pittsburgh & South Fayette Township  
9/12/83 Agreement: ALCOSAN & City of Pittsburgh & South Fayette  
Township/Municipal Authority of the Township of South Fayette  
2/19/91 Agreement: ALCOSAN & City of Pittsburgh & Franklin Park Borough  
2/19/91 Agreement: ALCOSAN & City of Pittsburgh  
5/22/91 Amendment Agreement: ALCOSAN & City of Pittsburgh & Borough of  
Plum/Plum Borough Municipal Sewer Authority  
12/13/93 Amendment Agreement: ALCOSAN & City of Pittsburgh & Borough of  
Plum/Plum Borough Municipal Sewer Authority

**EXHIBIT B**



**Exhibit B**

Vehicles subleased by the Lessor to the Lessee that Lessor leases through the Equipment Leasing Authority.



THE PITTSBURGH WATER AND SEWER AUTHORITY  
 1991 BOND ISSUE  
 CAPITAL IMPROVEMENT PROGRAM  
 STATUS REPORT AS OF 6/30/93

COMPLETED PROJECTS

WATER SYSTEM - TREATMENT PLANT.

EXH. NUMBER	CITY	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1944 BONDS		COMPLETED PROJECTS AS OF JULY 11, 1991										
1944 BONDS		COMPLETED PROJECTS AS OF JULY 11, 1991										
A-14	3-11	84037 REHAB. TREAT. PLANT - ORN.	59-83	40-82	13-80	KIMBALL	DEKLEWA	229,737.64	222,433.44	7,124.00	229,737.64	229,737.64
A-14	3-11	84037 REHAB. TREAT. PLANT - HVAC	59-83	40-82	12-80	KIMBALL	EASTLEY	713,962.81	604,900.00	64,032.27	469,632.27	469,632.27
A-14	3-11	84037 REHAB. TREAT. PLANT - ELEC.	59-83	40-82	11-80	KIMBALL	MOLRTZ	0.00	41,400.00	126,121.33	167,521.33	167,521.33
2A-10	1A	84000-01 CLARIFIER COVERS - GENERAL	9-87	9-86	2-89	MOS. & SYRAK.	JOHN DEKLEWA	2,383,041.23	2,313,900.00	71,141.23	2,383,041.23	2,383,041.23
2A-10	1B	84000-02 CLARIFIER COVERS - MECII.	9-87	9-86	2-89	MOS. & SYRAK.	W. G. TOMKO	334,723.00	328,000.00	6,723.00	334,723.00	334,723.00
2A-10	1C	84000-03 CLARIFIER COVERS - ELEC.	9-87	9-86	2-89	MOS. & SYRAK.	MOLETTZ	231,357.13	215,000.00	13,497.13	231,357.13	231,357.13
2A-10	2A	84037-01 SEDIMENTATION REMOVAL	59-83	40-87	6-90	KIMBALL	SPINIELLO LTD.	3,360,000.00	3,340,000.00	0.00	3,340,000.00	3,340,000.00
2A-10	2B	84037-04 SEDIMENTATION BASINS	59-83	40-87	31-90	KIMBALL	SPINIELLO LTD.	3,314,002.72	3,239,330.00	73,672.72	3,314,002.72	3,314,002.72
2A-10	4A	64036 FILTERS - GENERAL	10-87	119-87	31-88	KIMBALL	JOHN DEKLEWA	3,339,737.12	3,315,000.00	24,737.12	3,339,737.12	3,339,737.12
2A-10	4B	84036 FILTERS - MECHANICAL	10-87	119-87	31-88	KIMBALL	WAYNE GROUP	1,129,411.34	930,450.00	199,961.34	1,129,411.34	1,129,411.34
2A-10	4C	84036 FILTERS - ELEC.	10-87	119-87	31-88	KIMBALL	M A K ELEC.	637,327.34	318,400.00	139,127.34	637,327.34	637,327.34
2A-10	8A	64003-01 CHEMICAL FEED - ORN.	8-87	43-88	110-90	O'BRIEN & OEBB	JOHN DEKLEWA	1,973,390.36	1,874,000.00	299,390.36	1,973,390.36	1,973,390.36
2A-10	8B	64003-02 CHEMICAL FEED - ELEC.	8-87	43-88	110-90	O'BRIEN & OEBB	AHECK	351,000.00	106,300.00	41,700.00	151,000.00	151,000.00
2A-10	12A	64019-01 RES. HANDLING - ORN.	04-89	20-93	37-93	BCM	DEKLEWA	633,649.99	667,000.00	26,449.99	633,649.99	633,649.99
TOTALS								23,265,230.33	21,492,992.27	1,772,238.06	23,265,230.33	23,265,230.33

THE PITTSBURGH WATER AND SEWER AUTHORITY  
1991 BOND ISSUE  
CAPITAL IMPROVEMENT PROGRAM  
STATUS REPORT AS OF 6/30/91

COMPLETED PROJECTS

WATER SYSTEM - TOOLS & EQUIPMENT

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGNEMOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1994 BONDS		COMPLETED PROJECTS AS OF JULY 11, 1991										
1994 BONDS		COMPLETED PROJECTS AS OF JULY 11, 1991										
2A-11	1L	AA SPECTROPHOTOMETER	N/A	30-08	91-00	DEPT. WATER	PERKIN ELMER	882,311.88	819,723.84	(6,412.04)	882,311.88	882,311.88
2A-11	1P	METER TESTING EQUIP.	N/A	1-00	11-91	DEPT. WATER	SCHLUMBERGER	31,937.67	31,894.00	(43.67)	31,937.67	31,937.67
2A-11	1R	BACKHOE ATTACHMENTS	N/A	61-00	10-91	DEPT. WATER	DOYLEB EQUIP.	8,500.00	8,500.00	0.00	8,500.00	8,500.00
2A-11	1S	COMPOUND MICROSCOPE	N/A	113-00	86-91	DEPT. WATER	CARL ZEISS	26,463.00	26,463.00	0.00	26,463.00	26,463.00
2A-11	2H	PLASTIC DITCH PLATES	N/A	90-00	104-00	DEPT. WATER	R. P. SCHEIDER	21,044.00	21,044.00	0.00	21,044.00	21,044.00
2A-11	3K	TRAVELING SCREEN PARTS	N/A	113-00	1-91	DEPT. WATER	IND. SUPPLIES	21,000.20	21,000.20	(4,877.23)	21,000.20	21,000.20
2A-11	3P	CONCRETE WALL DIVIDERS	N/A	110-00	11-91	DEPT. WATER	BEAVER VALLEY	17,300.00	17,300.00	0.00	17,300.00	17,300.00
2A-11	3E	DETECTOR EQUIPMENT	N/A	137-00	121-00	DEPT. WATER	HEALTH CONSULT.	10,000.00	10,000.00	0.00	10,000.00	10,000.00
2A-11	3P	TAPPING MACHINE	N/A	79-00	31-91	DEPT. WATER	MUELLER CO.	16,100.00	16,100.00	0.00	16,100.00	16,100.00
2A-11	3O	DIELECTRIC MATTING	N/A	20-91	MOTION 1-10-92	DEPT. WATER	JBB DANIHURS	74,912.49	81,996.91	(10,996.91)	74,912.49	74,912.49
2A-11	4A	VALVE TURNING EQUIPMENT	N/A	74-91	104-91	DEPT. WATER	S. H. WACHS	3,320.00	3,320.00	0.00	3,320.00	3,320.00
2A-11	4B	BAR CODING EQUIPMENT	N/A	83-91	103-91	DEPT. WATER	GENERAL DATA	41,410.00	41,410.00	(3,000.00)	41,410.00	41,410.00
2A-11	4C	GAS CHROMATOGRAPH	N/A	74-91	14-91	DEPT. WATER	FINNIGAN CORP.	16,544.01	14,000.00	(2,544.01)	16,544.01	14,364.01
2A-11	4D	ELECTRONIC SECURITY SYS.	N/A	43-92	69-91	DEPT. WATER	IBN. ALARM	104,239.00	104,239.00	0.00	104,239.00	104,239.00
2A-11	4P	PIPE SAWS (31)	N/A	54-92	71-91	DEPT. WATER	CONSTR. TOOL	41,363.00	31,000.00	(10,363.00)	41,363.00	41,363.00
2A-11	4O	PAVING BREAKERS (15)	N/A	34-91	71-91	DEPT. WATER	DOYLEB EQUIP.	21,223.00	21,223.00	0.00	21,223.00	21,223.00
2A-11	4H	HYD. PUNCH & MILLING MACH.	N/A	34-92	74-91	DEPT. WATER	TMT MACHINERY	23,000.00	23,000.00	0.00	23,000.00	23,000.00
2A-11	4I	PONKLIPT	N/A	113-91	04-91	DEPT. WATER	EQUIPCO	30,310.26	30,310.26	0.00	30,310.26	30,310.26
2A-11	4J	BENCH LATHE - DRILL PRESS	N/A	24-92	97-91	DEPT. WATER	BARNEY MACIL	10,750.00	10,750.00	0.00	10,750.00	10,750.00
2A-11	4K	BRIDLOADER	N/A	60-91	80-91	DEPT. WATER	J RIVERS FORD	27,332.00	27,332.00	0.00	27,332.00	27,332.00
2A-11	4L	19-INCH LATHE	N/A	64-91	30-91	DEPT. WATER	TMT MACHINERY	60,844.00	60,844.00	0.00	60,844.00	60,844.00
2A-11	4N	VEHICLE FOR EXEC. DIR.	N/A	1-91	43-91	PW&A	MICK'S CRYSLER	31,420.00	31,420.00	0.00	31,420.00	31,420.00
								33,845.00	33,845.00	(3,000)	33,845.00	33,845.00

THE PITTSBURGH WATER AND SEWER AUTHORITY

TOTAL CAPITAL IMPROVEMENT PROGRAM  
STATUS REPORT AS OF 04/01/95

	AMOUNT BUDGETED	COMPLETED CONTRACTS	ACTIVE CONTRACTS	AUTHORIZED FOR BIDDING	TOTAL	AMOUNT PAID TO DATE
	-----	-----	-----	-----	-----	-----
WATER SYSTEM						
DISTRIBUTION SYSTEM	\$65,622,760.50	\$56,845,596.64	\$8,296,334.46	\$482,555.24	\$65,624,486.34	\$64,552,074.43
PUMPING AND STORAGE	31,274,117.66	17,432,377.95	9,269,825.26	3,290,000.00	29,992,203.21	21,506,028.78
TREATMENT PLANT	24,245,083.52	23,265,290.33	975,682.71	250,000.00	24,490,973.04	24,189,380.81
TOOLS AND EQUIPMENT	2,998,833.21	2,030,997.85	212,377.36	107,570.74	2,350,945.95	2,068,495.85
MISCELLANEOUS	6,227,466.57	2,658,116.57	3,070,496.00	0.00	5,728,612.57	5,257,018.22
TOTAL WATER SYSTEM	130,368,261.46	102,232,379.34	21,824,715.79	4,130,125.98	128,187,221.11	117,572,998.09
SEWER SYSTEM	33,723,779.15	26,773,621.48	4,078,098.16	1,067,198.90	31,918,918.54	28,951,114.09
CITY AND URA PROJECTS	22,868,062.53	10,674,987.74	11,219,493.29	0.00	21,894,481.03	18,238,150.47
ENGINEERING & CONSTRUCTION MANAGEMENT	24,164,100.96	5,607,700.96	18,086,980.45	0.00	23,694,681.41	22,001,592.37
CONTINGENCIES	1,652,795.90	0.00	0.00	0.00	0.00	0.00
TOTALS	212,777,000.00	145,288,689.52	55,209,287.69	5,197,324.88	205,695,302.09	186,763,855.02
PERCENT OF BUDGET		68.28%	25.95%	2.44%	96.67%	87.77%

THE PITTSBURGH WATER AND SEWER AUTHORITY  
 1993 BOND ISSUE  
 CAPITAL IMPROVEMENT PROGRAM  
 STATUS REPORT AS OF 9/30/93

ACTIVE PROJECTS

WATER SYSTEM - DISTRIBUTION

BXII. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RFS	BID RFS	CONSTR RFS	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
3A-1	7	SECOND AVE. - EMER.	N/A	N/A	MOTION PWSA (1-13-93)		L.M.D. INC.	100,000.00	60,000.00	0.00	60,000.00	70,000.70
								100,000.00	60,000.00	0.00	60,000.00	70,000.70

THE PITTSBURGH WATER AND SEWER AUTHORITY  
 1993 BOND ISSUE  
 CAPITAL IMPROVEMENT PROGRAM  
 STATUS REPORT AS OF 04/01/93

ACTIVE PROJECTS

WATER SYSTEM - PUMPING AND STORAGE

EXH. MBBR LINE	CITY NUMBER	DESCRIPTION	DESIGN RBS	BID RBS	CONSTR RES	DESIGN ENOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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ACTIVE PROJECTS

WATER SYSTEM - TREATMENT PLANT

BXII. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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ACTIVE PROJECTS

WATER SYSTEM - TOOLS & EQUIPMENT

EXH. MBBA LINE	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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ACTIVE PROJECTS

WATER SYSTEM - MISCELLANEOUS

EXII. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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## ACTIVE PROJECTS

## SEWER SYSTEM

EXH. MBBR	LINE	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
3B-1	4A	94001	1994 SEWER CONTRACT • KENTON WAY • HAMPTON WAY • CENTER AVENUE • SANKEY • BURDOCK WAY • STRACHAN & MADISON • OUCKERT AT MADISON • MIFFLIN ROAD	N/A	100-93	11-94	DEPT. B & C	TEDESCO & SON	630,000.00	480,852.30	142,499.31	443,031.82	449,813.36
3B-1	9	93003	KENTON WAY STEPS	N/A	40-94	74-94	DEPT. B & C	PUGLIANO	130,000.00	149,892.00	0.00	149,892.00	0.00
3B-1	10	93011	HOWE STREET	N/A	30-94	33-94	DEPT. B & C	OSIRIS	330,000.00	449,213.00	0.00	449,213.00	0.00
3B-1	13	---	LUSTER AVE. - BMER.	N/A	N/A	93-94	DEPT. B & C	D & L PLUMBING	14,000.00	13,349.31	0.00	13,349.31	13,349.31
TOTALS									1,266,000.00	1,893,400.01	162,499.31	1,230,100.33	623,104.77

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ACTIVE PROJECTS

CITY & URA PROJECTS

EXII. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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 ENGINEERING AND CONSTRUCTION MANAGEMENT

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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ACTIVE PROJECTS

WATER SYSTEM - PUMPING AND STORAGE

BXH. NUMBER	LINE	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
2A-0	3B	00010	HIGHLAND - SLURRY WALL	21-89	4-89	119-90	DEPT. E & C	ICOS/NISHIMATSU	2,430,000.00	2,080,000.00	334,884.18	2,428,884.18	2,414,711.73
2A-0	4A	00001	HERRON HILL RESERVOIR	19-91	112-94	2-95	MICHAEL BAKER	JOHN DEKLEWA	6,426,839.71	3,149,140.00	0.00	3,148,140.00	0.00
2A-0	9A	04040	01 - BRILLIANT W.JI. - GEN	57-87	---	77-89	GREELY-HANSEN	K.A. GLANCY	1,660,000.00	1,382,861.00	276,837.00	1,658,899.00	1,658,899.00
2A-0	18A	---	HERRON HILL - ELEC.	N/A	N/A	111-93	DEPT. WATER	CITY "B"	34,900.00	34,900.00	0.00	34,900.00	0.00
TOTALS									10,551,739.71	8,834,901.00	614,922.18	9,260,823.28	4,073,610.73

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ACTIVE PROJECTS

WATER SYSTEM - TREATMENT PLANT

BXII. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1A-10	12B	88419	02 - RES. HANDLING - ELEC.	34-89	MOTION 7-9-93	57-93	BCM	LIGHTHOUSE	136,793.19	136,400.00	4,393.19	136,793.19	134,817.53
1A-10	13	85016	01 - PROCESS CONTR. - III	N/A	1-93	31-93	DEPT. E & C	MARVEL ELEC.	630,000.00	706,313.00	119,576.32	823,889.32	776,763.13
1A-10	13	---	CONTROL SYS. - EMER.	N/A	N/A	MOTION 8-1-93	DEPT. WATER	STANTON	11,000.00	11,000.00	0.00	11,000.00	11,316.00
TOTALS									979,793.19	851,713.00	123,969.71	975,882.71	924,896.66

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ACTIVE PROJECTS

WATER SYSTEM - TOOLS & EQUIPMENT

BXIL NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGOR ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
3A-11	4B	AUTO. METER READING	N/A	41-92	71-92	DEPT. WATER	SCILUM BERGER	39,300.00	39,300.00	0.00	39,300.00	37,498.00
3A-11	4P	PARTS - SLUDGE COLL.	N/A	31-94	76-94	DEPT. WATER	IND. RUBBER	72,199.34	72,199.34	0.00	72,199.34	0.00
3A-11	4Q	TRAVELING SCREEN - I	N/A	92-94	4-93	PWSA - WATER	JEFFERY	29,634.00	29,634.00	0.00	29,634.00	0.00
3A-11	4R	TRAVELING SCREEN - II	N/A	93-94	5-93	PWSA - WATER	ENVIREX	37,849.00	37,849.00	0.00	37,849.00	0.00
3A-11	4S	COMPRESSORS	N/A	N/A	31-93	PWSA - WATER	MACHINE RENTAL	7,000.00	7,000.00	0.00	7,000.00	0.00
3A-11	4T	TRASH PUMPS	N/A	113-94	11-93	PWSA - WATER	ATLAS EQUIP.	6,991.00	6,991.00	0.00	6,991.00	0.00
TOTALS								312,107.34	312,377.34	0.00	312,377.34	37,498.00

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ACTIVE PROJECTS

WATER SYSTEM - MISCELLANEOUS

EXII NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENOR, DEPT. B & C	CONTRACTOR	BUDGET	ORIGINAL CONTR. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
2A-12	1	CADD SYSTEM - DEC	N/A	N/A	41-88	DEPT. B & C	SCHEIDER	1,740,000.00	474,931.00	1,284,309.00	1,739,460.00	1,391,019.91
2A-12	1B	CADD - SEWER SYSTEM	N/A	N/A	24-93	DEPT. B & C	S. B. TECHNOLOGY	306,000.00	300,000.00	0.00	300,000.00	262,100.00
2A-13	1C	COMPUTER HYD. MODELING	N/A	N/A	48-90	DEPT. B & C	STONER ASSOC.	490,000.00	309,731.00	183,731.00	493,444.00	463,183.21
2A-13	4B	SEWER SYS. STUDY	N/A	N/A	23-93	DEPT. B & C	CHIBSTER	200,000.00	180,000.00	0.00	190,000.00	197,001.72
2A-13	6C	PHASE III SOFTWARE	N/A	N/A	41-93	DEPT. B & C	CHIBSTER	119,330.00	119,330.00	0.00	119,330.00	82,340.31
TOTALS								3,845,330.00	1,653,331.00	1,308,200.00	3,078,494.00	2,350,001.43

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ACTIVE PROJECTS  
 SEWER SYSTEM

EXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENOR. DEPT. E & C	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1B-1	33	86632	FERNERY - GLENBURY PARKLYN - AARON	N/A	100-85	72-98	DEPT. E & C	MUSCATELLO	970,000.00	662,313.00	100,300.00	900,000.00	907,299.00
1B-1	33A	89015	PROVOST/PAIKIJAIVEN A	N/A	100-85	34-93	DEPT. E & C	ALLISON PARK	590,000.00	513,550.00	0.00	513,550.00	0.00
1B-1	33B	89015	PROVOST/PAIKIJAIVEN B	N/A	100-85	34-93	DEPT. E & C	INDEPENDENT	193,000.00	633,065.00	0.00	633,065.00	0.00
1B-1	73	---	CATCH BASINS - 1994	N/A	40-93	33-94	PUBLIC WORKS	INDEPENDENT	700,000.00	349,140.73	109,832.05	658,918.00	305,000.01
1B-1	74	---	MANHOLELS - 1994	N/A	31-94	3-93	PUBLIC WORKS	CUTTER ASSOC.	13,701.00	13,701.00	0.00	13,701.00	0.00
1B-1	3B	---	TELE-METERING EQ.	N/A	31-94	3-93	PUBLIC WORKS	CUTTER ASSOC.	13,701.00	13,701.00	0.00	13,701.00	0.00
TOTALS									2,470,701.00	3,607,337.73	210,332.05	3,010,989.85	1,332,307.01

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ACTIVE PROJECTS

CITY & URA PROJECTS

EXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
ATT. A-13	A-13		(EAST STREET)	N/A	CITY	34-87	DEPT. E A C	PENN DOT	368,000.00	138,373.00	128,931.29	239,418.39	8.00
1A-1	1		ORANT/LIBERTY - PHASE III	N/A	CITY	94-94	DEPT. E A C	GOLDEN TRI.	1,334,000.00	1,330,810.23	0.00	1,330,810.23	419,875.33
1A-1	6		ARLINGTON AVE. - PHASE II	N/A	CITY	92-99	DEPT. E A C	MOSCATELLO	1,210,814.79	1,202,194.00	(64,669.21)	1,210,814.79	1,211,046.38
1A-1	7		ARLINGTON AVE. - PHASE III	N/A	CITY	4-91	DEPT. E A C	MOSCATELLO	1,010,000.00	1,051,848.00	31,931.00	1,450,000.00	1,432,930.39
1A-1	33	88601	STONELEA STREET	N/A	CITY	99-91	DEPT. E A C	CASCIA TO BRGS.	215,000.00	215,000.00	0.00	211,000.00	197,834.33
1A-1	36		CRAWFORD/ROBERTS - URA	N/A	URA	1-91	URA		4,845,000.00	4,145,000.00	680,000.00	4,913,000.00	4,333,346.82
1A-1	41		WASHINGTON LAND - URA	N/A	URA	103-94	URA		1,330,000.00	1,330,000.00	0.00	1,330,000.00	7,731.04
1A-1	43		FIFTH AVE./ROSS - PHASE I	N/A	CITY	114-94	DEPT. E A C	FRANK ZOTTOLA	620,000.00	372,183.00	0.00	372,183.00	8.00
TOTALS									11,303,814.79	10,434,193.21	763,310.00	11,210,493.20	7,563,181.33

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ACTIVE PROJECTS

ENGINEERING AND CONSTRUCTION MANAGEMENT

EXHIBIT NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
ATT-A	B	PUMP STATION REHAB & CONT SYS. (01810 & 05010)	38-03	N/A	N/A	CHIESTER	N/A	800,000.00	310,300.00	487,500.00	800,000.00	797,284.41
ATT-A	B	BRILLIANT WAREHOUSE	37-07	N/A	N/A	GREELY - HANSEN	N/A	161,000.00	50,000.00	106,100.00	165,000.00	164,931.00
ATT-1A	B	REIMB. DEPT B & C	N/A	N/A	N/A	N/A	N/A	1,821,000.00	1,875,000.00	0.00	1,875,000.00	1,444,232.84
ATT-1A	B	CONSTR. MANAGEMENT	10-05	N/A	N/A	CHIESTER	N/A	9,300,000.00	9,300,000.00	0.00	9,300,000.00	9,231,122.93
ATT-1A	B	McNIBLY ROAD	MOTION 1-8-94	N/A	N/A	CHIESTER	N/A	51,000.00	55,000.00	0.00	55,000.00	48,134.33
ATT-2A	B	HIBRON HILL & BEDFORD	N/A	N/A	N/A	MICHAEL BAKER	N/A	690,000.00	418,940.70	266,370.91	689,319.92	631,122.67
ATT-3A	B	HIGHLAND NO. 2	N/A	N/A	N/A	D'APOLONIA	N/A	130,000.00	115,219.79	0.00	115,219.79	121,045.71
ATT-3A	B	RT. 6, 10 & N. WASIL	04-94	N/A	N/A	DATA PLAN	N/A	70,000.00	70,000.00	0.00	70,000.00	0.00
ATT-3A	B	FRUCE WAY	N/A	N/A	N/A	D & L ENGINEERS	N/A	3,000.00	1,162.86	0.00	1,162.86	1,162.86
ATT-2A	B	MISC. SEWER DESIGN	41-93	N/A	N/A	QAL CONSULT.	N/A	440,000.00	453,027.71	71,939.23	524,966.94	503,013.36
ATT-2A	B	ROUTE 6	03-94	N/A	N/A	IRG, INC.	N/A	15,000.00	13,400.00	0.00	13,400.00	0.00
ATT-1A	B	VARIOUS WATER & SEWER	113-90	N/A	N/A	KILLAM ASSOC.	N/A	400,000.00	531,162.11	64,338.83	397,300.84	343,419.49
ATT-2A	B	PLANT CHLORINATION	31-93	N/A	N/A	MALCOLM FIRNIE	N/A	515,000.00	439,231.00	71,035.00	510,232.00	394,330.43
ATT-2A	B	LAMPHER RES. COVER	130-93	N/A	N/A	MONTG. WATSON	N/A	830,000.00	440,000.00	100,110.00	620,120.00	309,153.74
ATT-2A	B	MILLVALE PUMP STA.	71-93	N/A	N/A	MS CONSULTANTS	N/A	400,000.00	398,730.00	0.00	398,730.00	130,890.40
ATT-3A	B	HIOILAND #2	31-89	N/A	N/A	O'BRIEN - KRBIT	N/A	370,000.00	125,037.00	405,943.70	349,402.70	0.00
ATT-2A	B	HIOILAND #1 - STUDY	139-94	N/A	N/A	PIRNIE - BAKER	N/A	240,000.00	230,031.67	0.00	230,031.67	0.00
ATT-2A	B	GARFIELD TANK - INSP.	MOTION 1-10-93	N/A	N/A	RUST INT'L	N/A	35,000.00	24,000.00	6,512.24	23,610.14	23,610.14
ATT-3A	B	PERMITS - PENNDOT	N/A	N/A	N/A	PENNDOT	N/A	1,000.00	430.00	0.00	430.00	0.00
ATT-B	7	SEWER DESIGN (101004)	19-83	N/A	N/A	DUNCAN, LANOISE	N/A	360,000.00	44,389.40	335,610.60	380,000.00	373,593.70
ATT-D	7	SEWER DESIGN	3-87	N/A	N/A	LORENZI, DODDS, DUNNILL	N/A	105,000.00	100,199.77	71,522.00	105,711.37	100,071.71
ATT-3B	B	REIMB. DEPT B & C	N/A	N/A	N/A	N/A	N/A	793,000.00	781,000.00	0.00	793,000.00	784,130.87

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COMPLETED PROJECTS

WATER SYSTEM - DISTRIBUTION

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN NO.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
3A-1	4	RIVER RD. - CEMENT LIN.	N/A	133-93	1-94	DEPT. B & C	SPINIELLO	434,161.00	317,718.00	116,443.00	434,161.00	434,161.00
3A-1	5	HAMPTON ST. - EMER.	N/A	N/A	MOTION 3-13-94	DEPT. B & C	C. COLOSIMO	46,328.29	46,328.29	0.00	46,328.29	46,328.29
3A-1	6	SHALER ST. - EMER.	N/A	N/A	MOTION 9-23-94	DEPT. B & C	L.M.P. INC.	26,650.80	38,658.00	0.00	26,650.80	26,650.80
								509,131.59	392,699.29	116,443.00	509,131.59	509,131.59

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COMPLETED PROJECTS  
WATER SYSTEM - PUMPING AND STORAGE

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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COMPLETED PROJECTS

WATER SYSTEM - TREATMENT PLANT

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CDNT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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WATER SYSTEM - TOOLS & EQUIPMENT

BXII. NUMBER	CITY LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
JA-4	1A	---	COMPUTER EQUIP.	N/A	61-94	77-94	PWSA	GOVT. ACQUIS.	30,149.00	30,149.00	0.00	30,149.00	30,149.00
JA-4	1B	---	OFFICE COPIER	N/A	78-94	110-94	PWSA	XEROX	14,123.00	14,338.00	(413.00)	14,123.00	14,123.00
									44,272.00	44,487.00	(413.00)	44,272.00	44,272.00

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COMPLETED PROJECTS

WATER SYSTEM - MISCELLANEOUS

BXII. 'MBBR	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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COMPLETED PROJECTS  
 SEWER SYSTEM

EXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
3B-1	11	94017	BURDOCK WAY - E.MER.	N/A	N/A	75-94	DEPT. B & C	SPINIELLO LTD.	147,822.19	73,773.00	74,947.19	147,822.19	147,822.19
		94018	COAST AVE. - E.MER.						147,822.19	73,773.00	74,947.19	147,822.19	147,822.19

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COMPLETED PROJECTS

CITY & URA PROJECTS

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
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COMPLETED PROJECTS

WATER SYSTEM - DISTRIBUTION

EXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1984 BONDS									37,438,313.17	37,334,713.92	161,791.25	37,438,313.17	37,438,313.17
COMPLETED PROJECTS AS OF JULY 11, 1991													
1986 BONDS									7,199,812.39	7,514,236.41	(314,423.83)	7,199,812.39	7,199,812.39
2A-1	3	86012	HAZELWOOD - SWISS PARK	N/A	75-91	76-91	DEPT. B & C	INDEP. ENTERPRISE	812,366.82	741,467.44	71,899.38	812,366.82	812,366.81
2A-1	4	89006	JANE STREET	N/A	71-90	72-91	DEPT. B & C	INDEP. ENTERPRISE	412,626.26	483,783.00	(71,156.74)	412,626.26	412,626.26
2A-1	10	---	WOODVILLE AVENUE	N/A	N/A	MOTION 8-9-91	DEPT. WATER	M. PACCHIANO	13,879.30	16,993.00	(3,113.70)	13,879.30	13,879.30
2A-1	3R	---	CRUCIBLE / LORENZ RD.	N/A	N/A	MOTION 8-9-91	DEPT. WATER	JCAB CORP.	26,349.20	28,109.00	(1,759.80)	26,349.20	26,349.20
2A-1	10	90003	BELTZHOVER & LELIA COWAN	N/A	14-92	15-92	DEPT. B & C	SCIULLI BROS.	381,877.31	339,714.00	41,263.31	381,877.31	381,877.31
2A-1	11	90004	WYLIB AVE. & WATTS LANE	N/A	1-93	25-93	DEPT. B & C	DAN CONSTR.	422,760.21	389,330.00	33,230.21	422,760.21	422,760.21
2A-1	12	---	SER. LINES - LOW VOL II	N/A	61-90	82-90	DEPT. WATER	DAN SCIULLO	403,333.87	381,700.23	21,833.62	403,333.87	403,333.87
2A-1	13	90008	WYDMINO STREET	123-90	29-91	32-91	KILLAM ASSOC.	SCIULLI BROS.	162,889.91	163,777.00	(887.09)	162,889.91	162,889.91
2A-1	13	91012	SYCAMORE ST. - EMER.	N/A	EMER.	MOTION 12-12-91	DEPT. B & C	GOLDEN TRI.	103,826.49	109,877.10	(6,050.71)	103,826.49	103,826.49
2A-1	14	---	HEINZ ST. - EMER.	N/A	EMER.	41-92	DEPT. B & C	M. PACCHIANO	8,197.22	8,197.22	0.00	8,197.22	8,197.22
2A-1	17A	---	BACKFLOW PREVENTERS	N/A	68-92	104-92	DEPT. WATER	IRON CITY WATER	23,403.60	23,403.60	0.00	23,403.60	23,403.60
2A-1	17C	---	14-INCH METER	N/A	4-93	19-93	DEPT. WATER	SCHLUMBERGER	8,130.00	8,130.00	0.00	8,130.00	8,130.00
2A-1	17D	92017	METER VAULTS	N/A	22-93	76-93	DEPT. B & C	OSIRIS	201,948.97	106,635.00	95,293.97	201,948.97	201,948.97
2A-1	18	---	HEINZ STREET	N/A	EMER.	MOTION 16-9-92	DEPT. B & C	DUQUESNE LIGHT	3,440.00	3,440.00	0.00	3,440.00	3,440.00
2A-1	19	---	PERRULE REMOVAL	N/A	19-93	47-93	DEPT. WATER	JCAB, INC.	249,733.37	146,367.30	103,367.07	249,733.37	249,733.37
2A-1	20	92023	SER. LINES - HOMEWOOD	N/A	24-92	124-93	DEPT. B & C	INDEPENDENT	449,222.33	419,399.00	29,823.33	449,222.33	449,222.33
2A-1	20A	92026	SER. LINES - BLOOMFIELD	N/A	24-93	99-93	DEPT. B & C	GOLDEN TRI.	376,713.36	386,873.73	(10,160.37)	376,713.36	376,713.36
2A-1	21	---	60 IN. LINE - EMER.	N/A	EMER.	MOTION 12-12-92	DEPT. B & C	SPINIELLO CONSTR.	52,122.62	52,122.62	0.00	52,122.62	52,122.62
2A-1	21	---	FT. PITT BLVD. - EMER.	N/A	EMER.	MOTION 11-18-92	DEPT. B & C	CITY "D"	28,022.39	100,000.00	(71,977.61)	28,022.39	28,022.39

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WATER SYSTEM - MISCELLANEOUS

EXH. NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
COMPLETED PROJECTS AS OF JULY 11, 1991												
COMPLETED PROJECTS AS OF JULY 11, 1991												
ATT. A	D-3	BILLING SYS. - LIC. AOR 1B.	N/A	N/A	37-86	DEPT. WATER	COMPT. SYS.	33,438.44	33,999.00	(44.16)	33,438.44	33,438.44
2A-12	1A	CADD SYSTEM - WATER	N/A	N/A	63-89	DEPT. WATER	SCHEIDER	43,000.00	49,000.00	(13,000.00)	43,000.00	43,000.00
2A-13	1B	FLOW METERS	N/A	33-89	181-89	DEPT. B & C	M. D. PASQUALE	403,876.00	403,876.00	0.00	403,876.00	403,876.00
2A-13	6A	STORM WATER NFDRS	41-91	N/A	N/A	CHESTER	N/A	733,876.30	626,176.00	133,494.30	733,876.30	733,876.30
2A-13	7	LOCAL - DEPT. SER.	N/A	N/A	N/A	N/A	BCKERT-SEAMENS	30,742.00	34,336.00	(3,444.10)	30,742.00	30,742.00
TOTALS								2,638,114.37	3,031,130.00	444,978.37	3,436,116.37	3,436,116.37

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TOTALS	1,984,723.83	1,967,726.98	(20,995.13)	1,984,723.83	1,984,723.83
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COMPLETED PROJECTS

WATER SYSTEM - PUMPING AND STORAGE

BXII. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN BNOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANG ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
COMPLETED PROJECTS AS OF JULY 11, 1991													
1986 BONDS									10,032,277.38	9,326,960.44	715,316.94	10,032,277.38	10,032,277.38
COMPLETED PROJECTS AS OF JULY 11, 1991													
1A-9	1N	---	ASBESTOS - ASPIN. A MISSION	N/A	N/A	82-86	DEPT. E A C	CITY "B"	778,048.30	930,434.26	(172,405.96)	778,048.30	778,048.30
2A-9	1B	03011	14 - MISSION - GENERAL	38-83	44-88	91-86	KLH ENOR.	SHERRY & O'LEARY	0.00	31,440.00	(31,440.00)	0.00	0.00
2A-9	1C	03011	11 - MISSION - ELEC.	38-83	91-88	113-88	KLH ENOR.	MOLETZ	437,342.34	429,000.00	28,342.34	437,342.34	437,342.34
2A-9	1D	---	MISSION - DUO. LIGHT	N/A	N/A	MOTION 9-8-89	DEPT. E A C	DUQUESNE LIGHT	99,396.03	84,730.00	14,666.03	99,396.03	99,396.03
2A-9	1C	90004	BEDFORD TANK	19-91	13-91	37-92	MICHAEL BAKER	DePASQUALE	0.00	1,832.00	(1,832.00)	0.00	0.00
2A-9	2D	93007	CLBAN LANPHER RES.	N/A	46-93	100-93	DEPT. E A C	DePASQUALE	1,301,797.03	1,443,569.12	50,227.91	1,301,797.03	1,301,797.03
2A-9	2B	93004	LANPHER - CONC. REPAIR	138-93	1-94	---	MONTO. WATSON	SPINIELLO	124,690.01	216,000.00	1,490.01	124,690.01	124,690.01
2A-9	4B	03010	10 - ASPINWALL - GENERAL	38-83	27-88	109-89	CHESTER	GENERAL IND.	1,301,619.30	1,310,733.00	(17,133.42)	1,301,619.30	1,301,619.30
2A-9	6C	03010	11 - ASPINWALL - HVAC	38-83	27-86	109-89	CHESTER	W. G. TOMCO	964,036.30	797,400.00	147,436.30	964,036.30	964,036.30
2A-9	6D	03010	12 - ASPINWALL - ELEC.	38-83	27-86	109-89	CHESTER	MOLETZ	213,744.13	206,000.00	9,744.13	213,744.13	213,744.13
2A-9	8	03016	01 - PUMP CONTROL SYS.	38-83	139-87	90-88	CHESTER	TRANSMITTON	173,037.00	161,040.00	13,197.00	173,037.00	173,037.00
2A-9	6A	92012	AUX. AIR CONDITIONING	N/A	83-91	25-92	DEPT. B A C	EAST-WEST	316,991.40	229,000.00	207,093.40	316,991.40	316,991.40
2A-9	9B	04040	02 - BRILLIANT W.II. - HVAC	37-87	---	77-89	OREELY-HANSEN	WAYNE CROUSE	48,171.00	46,000.00	2,171.00	48,171.00	48,171.00
2A-9	9C	04040	03 - BRILLIANT W.II. - PLUMB.	37-87	---	77-89	OREELY-HANSEN	W.O. TOMKO	374,906.33	333,300.00	19,706.33	374,906.33	374,906.33
2A-9	9D	04040	04 - BRILLIANT W.II. - ELEC.	37-87	---	77-89	OREELY-HANSEN	VERN'S ELECTRIC	91,762.16	79,790.00	11,972.16	91,762.16	91,762.16
2A-9	10	---	ASBESTOS - VAR. LOCATIONS	N/A	N/A	108-88	DEPT. B A C	CITY "B"	202,032.66	160,314.00	41,310.66	202,032.66	202,032.66
2A-9	11	---	OARFIELD TANK - EMER.	N/A	N/A	MOTION 12-13-91	DEPT. WATER	PDM	0.00	93,000.00	(93,000.00)	0.00	0.00
2A-9	11A	91016-01	OARFIELD TANK - RIGGING	N/A	EMER.	MOTION 1-10-92	DEPT. B A C	STEEL CITY	2,100.00	2,100.00	0.00	2,100.00	2,100.00
2A-9	11B	91016-02	OARFIELD TANK - INT. PAINT.	N/A	EMER.	MOTION 4-11-92	DEPT. B A C	CORROSION CONT.	62,180.00	109,000.00	42,980.00	62,180.00	62,180.00
2A-9	11C	91016-03	OARFIELD TANK - EXT. PAINT.	N/A	1-93	36-93	DEPT. B A C	KEYSTONE	113,003.00	109,000.00	3,913.00	113,003.00	113,003.00
2A-9	11C	91016-03	OARFIELD TANK - EXT. PAINT.	N/A	1-93	36-93	DEPT. B A C	KEYSTONE	33,100.00	33,000.00	1,100.00	33,100.00	33,100.00

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2A-9	12	---	---	34-92	86-92	DEPT. WATER	USX CORP.	18,299.00	0.00	18,299.00	18,299.00
2A-9	14	---	---	EMBR.	MOTION DEPT. WATER <td>2-12-93 <td>LIMITORQUE <td>1,827.87 <td>0.00 <td>1,827.87 <td>1,827.87</td> </td></td></td></td></td>	2-12-93 <td>LIMITORQUE <td>1,827.87 <td>0.00 <td>1,827.87 <td>1,827.87</td> </td></td></td></td>	LIMITORQUE <td>1,827.87 <td>0.00 <td>1,827.87 <td>1,827.87</td> </td></td></td>	1,827.87 <td>0.00 <td>1,827.87 <td>1,827.87</td> </td></td>	0.00 <td>1,827.87 <td>1,827.87</td> </td>	1,827.87 <td>1,827.87</td>	1,827.87
2A-9	15	---	---	EMBR.	MOTION DEPT. WATER <td>3-12-93 <td>WAYNE CROUSE <td>47,391.00 <td>0.00 <td>47,391.00 <td>47,391.00</td> </td></td></td></td></td>	3-12-93 <td>WAYNE CROUSE <td>47,391.00 <td>0.00 <td>47,391.00 <td>47,391.00</td> </td></td></td></td>	WAYNE CROUSE <td>47,391.00 <td>0.00 <td>47,391.00 <td>47,391.00</td> </td></td></td>	47,391.00 <td>0.00 <td>47,391.00 <td>47,391.00</td> </td></td>	0.00 <td>47,391.00 <td>47,391.00</td> </td>	47,391.00 <td>47,391.00</td>	47,391.00
2A-9	16	---	---	N/A	HERRON HILL - DUAL SERVICE <td>118-93</td> <td>DUO LIGHT <td>123,494.97 <td>(1,395.63) <td>122,099.34 <td>122,099.34</td> </td></td></td></td>	118-93	DUO LIGHT <td>123,494.97 <td>(1,395.63) <td>122,099.34 <td>122,099.34</td> </td></td></td>	123,494.97 <td>(1,395.63) <td>122,099.34 <td>122,099.34</td> </td></td>	(1,395.63) <td>122,099.34 <td>122,099.34</td> </td>	122,099.34 <td>122,099.34</td>	122,099.34
TOTALS								17,432,377.93	1,110,467.26	16,321,910.67	17,432,377.93

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2A-1	23	9993-62	WELSH A BROSVILLE	N/A	1-93	34-93	DEPT. B & C	INDEPENDENT	324,357.73	224,070.00	99,487.73	324,357.73	324,357.73
2A-1	24	---	SOUTHERN AVE. A LOTIOP	N/A	EMER.	9-93	DEPT. B & C	CITY REIMB.	41,313.89	41,313.89	0.00	41,313.89	41,313.89
2A-1	25	---	B. CARSON ST. - EMER.	N/A	EMER.	MOTION	DEPT. WATER	SPINIELLO CONSTR.	98,686.30	100,000.00	(1,313.30)	98,686.30	98,686.30
2A-1	26	---	FORT PITT BLVD. - EMER.	N/A	EMER.	MOTION	DEPT. B & C	CITY "B"	0.00	100,000.00	(100,000.00)	0.00	0.00
2A-1	27	---	39TH ST. - LINE CLEAN.	N/A	EMER.	MOTION	DEPT. WATER	FLOWMORE	4,271.46	4,271.46	0.00	4,271.46	4,271.46
2A-1	28	---	FT. DUQ. BRIDGE - EMER.	N/A	EMER.	MOTION	DEPT. B & C	SPINIELLO	37,586.95	37,200.00	386.95	37,586.95	37,586.95
2A-1	29	---	STANWIX ST. - EMER.	N/A	EMER.	MOTION	DEPT. WATER	ICAB, INC.	8,367.99	8,367.99	0.00	8,367.99	8,367.99
2A-1	30	93062	HATFIELD A LEMINOTCH	N/A	EMER.	82-93	DEPT. B & C	CITY "B"	39,426.83	70,000.00	(10,373.37)	39,426.83	39,426.83
2A-1	31	93013	BOODS AVE. - EMER.	N/A	EMER.	MOTION	DEPT. B & C	ICAB, INC.	72,053.86	43,073.00	4,980.86	72,053.86	72,053.86
2A-1	32	---	SMALLMAN ST. - EMER.	N/A	EMER.	MOTION	DEPT. WATER	SPINIELLO	33,691.43	33,691.43	0.00	33,691.43	33,691.43
2A-1	33	---	LIBERTY A SMITHFIELD - EMER.	N/A	EMER.	MOTION	DEPT. B & C	PACCHIANO	1,389.87	4,034.87	(4,327.00)	1,389.87	1,389.87
2A-1	34	---	88-INCH AT HILLVALE	N/A	EMER.	MOTION	DEPT. WATER	SPINIELLO	397.84	1,390.84	(1,193.00)	397.84	397.84
2A-1	37	---	LIBERTY - 30 TO 31 ST.	N/A	EMER.	17-94	DEPT. B & C	CITY "B"	24,213.37	30,000.00	(23,764.83)	24,213.37	24,213.37
2A-1	38	---	SECOND AVE, EMER.	N/A	EMER.	MOTION	DEPT. B & C	LMD, INC.	7,201.63	20,065.63	(21,664.00)	7,201.63	7,201.63
2A-1	39	---	SMITHFIELD A FORBES	N/A	EMER.	MOTION	DEPT. B & C	LMD, INC.	30,220.73	36,220.73	0.00	30,220.73	30,220.73
2A-1	40	---	FIRST AVE. AT TRY ST.	N/A	34-92	74-92	DEPT. B & C	FRADICON	493,419.37	476,384.38	10,514.87	493,419.37	493,419.37
2A-1	41	---	BELTZHOVER - EMER.	N/A	EMER.	93-94	DEPT. B & C	CITY "B"	1,271.00	1,271.00	0.00	1,271.00	1,271.00
2A-1	42	---	SHALER ST. I - EMER.	N/A	EMER.	93-94	DEPT. B & C	CITY "B"	13,140.43	13,140.43	0.00	13,140.43	13,140.43
2A-1	43	---	GRANDVIEW - EMER.	N/A	EMER.	93-94	DEPT. B & C	CITY "B"	3,981.48	3,981.48	0.00	3,981.48	3,981.48
2A-1	44	---	SHALER ST. II - EMER.	N/A	EMER.	93-94	DEPT. B & C	CITY "B"	7,344.39	7,344.39	0.00	7,344.39	7,344.39
2A-3	1	99912	VALVE REPLACEMENT	N/A	28-91	31-91	DEPT. B & C	SPINIELLO	489,847.24	364,310.00	124,737.24	489,847.24	489,847.24
2A-4	40	99911	PIRE HYDRANT REPL.	N/A	29-91	41-91	DEPT. B & C	ICAB CORP.	117,530.10	124,999.73	330.33	117,530.10	127,530.10

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2A-4	4C	---	BLOW OFF HYDRANTS	N/A	43-92	73-92	DEPT. WATER	TRUMBULL INC.	9,015.00	9,015.00	0.00	9,015.00	9,015.00	
2A-5	4B	---	PUSH ON 6-INCH PIPE	N/A	5-90	90-90	DEPT. WATER	FAMOUS SUPPLY	2,945.00	2,945.00	0.00	2,945.00	2,945.00	
2A-5	4D	---	LARGE OATH VALVES	N/A	42-91	81-91	DEPT. WATER	AM. CAST IRON	132,230.00	132,230.00	0.00	132,230.00	132,230.00	
2A-5	4E	---	CAST IRON RISERS	N/A	113-91	14-92	DEPT. WATER	ALLEO. FOUNDRY	19,223.75	19,223.75	0.00	19,223.75	19,223.75	
2A-5	4F	---	HYD. LOCKING DEVICES	N/A	15-91	46-91	DEPT. WATER	MCGARD, INC.	17,304.00	17,304.00	0.00	17,304.00	17,304.00	
2A-5	5B	---	20 IN. VALVE - HERRON HILL	N/A	93-92	15-93	DEPT. WATER	TRUMBULL IND.	17,199.00	17,199.00	0.00	17,199.00	17,199.00	
2A-5	5C	---	20 IN. ADAPTOR - HERRON HILL	N/A	93-92	15-93	DEPT. WATER	IRON CITY	1,267.62	1,267.62	0.00	1,267.62	1,267.62	
2A-5	5D	---	12 IN. VALVE - HERRON	N/A	95-92	15-93	DEPT. WATER	W.C. WEIL	16,939.00	16,939.00	0.00	16,939.00	16,939.00	
2A-5	5E	---	PUMP PARTS - HERRON HILL	N/A	93-92	42-93	DEPT. WATER	ITT FUEL TECH.	12,812.93	12,916.45	(103.52)	12,812.93	12,812.93	
2A-5	6	---	RISERS & LIDS	N/A	105-92	31-93	DEPT. WATER	ALLEG. FOUNDRY	40,562.30	40,562.30	0.00	40,562.30	40,562.30	
2A-5	7	---	FIRE HYDRANTS - 1990	N/A	34-93	74-93	DEPT. WATER	AM CAST IRON PIPE	176,633.00	176,633.00	0.00	176,633.00	176,633.00	
2A-7	1	---	REMOTE METERS 87-90	N/A	N/A	87-88	DEPT. WATER	DEPT. WATER	2,515,362.15	2,200,000.00	315,362.15	2,515,362.15	2,515,362.15	
	2	---	REMOTE METERS 88-91											
	3	---	REMOTE METERS 89-92											
	4	---	REMOTE METERS 90-91											
2A-7	5B	---	FLAT RATE METERS	N/A	94-90	75-91	DEPT. WATER	VANOUARD	46,441.96	106,600.00	(59,856.04)	46,441.96	46,441.96	
2A-8	1	89009	BRADDOCK AVE.	N/A	1-92	36-92	DEPT. E & C	SPINIELLO	2,412,427.10	2,453,930.00	(41,522.90)	2,412,427.10	2,412,427.10	
									TOTALS	56,336,465.05	56,000,945.04	335,519.21	56,336,465.05	56,336,465.05

THE PITTSBURGH WATER AND SEWER AUTHORITY  
 1996 BOND ISSUE - CAPITAL IMPROVEMENT PROGRAM  
 STATUS REPORT AS OF 07/11/91

COMPLETED PROJECTS

SEWER SYSTEM - CONTINGENCIES, ENGINEERING AND CONSTR. MANAGEMENT (ATT 2B - LINE E)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	MD RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
		NONE TO DATE										
TOTALS								0.00	0.00	0.00	0.00	0.00

THE PITTSBURGH WATER AND SEWER AUTHORITY  
 1998 BOND ISSUE - CAPITAL IMPROVEMENT PROGRAM  
 STATUS REPORT AS OF 07/11/01

COMPLETED PROJECTS

SEWER SYSTEM - EQUIPMENT, TOOLS & VEHICLES (RB-4)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENDR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
		NONE TO DATE										
TOTAL \$								0.00	0.00	0.00	0.00	0.00

THE PITTSBURGH WATER AND SEWER AUTHORITY

1984 BOND ISSUE - CAPITAL IMPROVEMENT PROGRAM  
STATUS REPORT AS OF 07/31/81

Account	Project	Phase	Location	Contract	Estimate	Actual	Balance	Interest	Principal	Total
A-1 31A 00007	MORGAN STREET	N/A	N/A	48-00 DEPT E & C	128,000.48	128,000.00	0.00	0.00	0.00	128,000.48
A-1 34 00012	MT. WASH. - GRANDVIEW	N/A	47-00	06-00 DEPT E & C	900,007.00	900,000.00	7.00	0.00	0.00	900,007.00
A-1 26 00012	ALPENA	N/A	47-00	06-00 DEPT E & C	30,825.90	30,000.00	825.90	0.00	0.00	30,825.90
A-1 41 00008	36 INCH FORCE PUMP STATION	N/A	N/A	47-00 DEPT E & C	900,100.00	900,000.00	100.00	0.00	0.00	900,100.00
A-1 42 ---	WATER WORKS MALL - EMERGENCY	N/A	N/A	70-00 DEPT S & C	8,870.00	8,870.00	0.00	0.00	0.00	8,870.00
A-1 43 ---	REIMB. CITY - ASPHALT	N/A	N/A	N/A N/A	314,841.00	314,841.00	0.00	0.00	0.00	314,841.00
A-1 44 00046	HETH'S RUN RELOCATOR	N/A	47-00	06-00 DEPT E & C	273,478.47	228,387.00	45,091.47	0.00	0.00	273,478.47
A-2 1 04400	GRANT ST. - PHASE I	N/A	CITY	70-04 DEPT E & C	847,148.00	847,000.00	148.00	0.00	0.00	847,148.00
A-2 1A 04400	GRANT ST. - PHASE II	N/A	CITY	49-07 DEPT E & C	208,748.00	482,004.00	(273,256.00)	0.00	0.00	208,748.00
A-2 2 04404	BROWN'S HILL ROAD	N/A	CITY	06-06 DEPT E & C	200,100.00	200,100.00	0.00	0.00	0.00	200,100.00
A-2 3 04818	BLOOMFIELD BRIDGE - PHASE III	N/A	CITY	03-00 DEPT E & C	344,184.04	343,000.00	1,184.04	0.00	0.00	344,184.04
A-2 10 04810	DOELTMAN	N/A	CITY	04-00 DEPT E & C	97,812.48	96,146.00	1,666.48	0.00	0.00	97,812.48
A-2 20 ---	CARSON ST.	N/A	LRA	06-00 ---	16,000.00	16,000.00	0.00	0.00	0.00	16,000.00
A-2 24 ---	GRAHAM PLACE	N/A	N/A	0-13-00 DEVELOPER MOTION	8,000.00	8,000.00	0.00	0.00	0.00	8,000.00
A-2 26 04418	PENN CIRCLE MALL	N/A	CITY	06-06 DEPT E & C	200,100.01	210,000.00	(9,899.99)	0.00	0.00	200,100.01
A-2 28A ---	PITT. TECH. CTR. - ENGR. I	N/A	LRA	18-06 ---	77,019.00	30,000.00	47,019.00	0.00	0.00	77,019.00
A-2 28B ---	PITT. TECH. CTR. - ENGR. II	N/A	LRA	18-06 ---	148,200.00	110,000.00	38,200.00	0.00	0.00	148,200.00
A-2 28C ---	PITT. TECH. CTR. - CONSTR. - 1	N/A	LRA	18-06 ---	497,333.32	228,000.00	269,333.32	0.00	0.00	497,333.32
A-2 28D ---	PITT. TECH. CTR. - CONSTR. - 4	N/A	LRA	18-06 ---	1,481,703.42	1,410,750.77	70,952.65	0.00	0.00	1,481,703.42
A-2 28E ---	PITT TECH CTR - 6A	N/A	LRA	18-06 ---	228,422.48	200,703.45	27,719.03	0.00	0.00	228,422.48
A-2 27 ---	LANDS & RIGHTS OF WAY	N/A	N/A	N/A DEPT S & C	43,011.00	43,011.00	0.00	0.00	0.00	43,011.00
A-3 1 04010	VROBLE	N/A	04-04	17-00 DEPT S & C	130,498.78	110,470.00	20,028.78	0.00	0.00	130,498.78
A-3 1A 04010	ROSLYN	N/A	N/A	N/A DEPT S & C	130,498.78	110,470.00	20,028.78	0.00	0.00	130,498.78
A-3 4 04017	GEORGE KAY	N/A	N/A	N/A DEPT S & C	130,498.78	110,470.00	20,028.78	0.00	0.00	130,498.78
A-3 7 04011	ROBETTA	N/A	N/A	N/A DEPT S & C	130,498.78	110,470.00	20,028.78	0.00	0.00	130,498.78
A-3 8 00006	RAOGLIFF & GALADONIA	N/A	78-00	00-00 DEPT E & C	207,330.18	490,748.70	(283,418.52)	0.00	0.00	207,330.18

THE PITTSBURGH WATER AND SEWER AUTHORITY  
 1994 BOND ISSUE - CAPITAL IMPROVEMENT PROGRAM  
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COMPLETED PROJECTS

WATER SYSTEM - DISTRIBUTION (A-1 THRU A-24)

EXH. NUMBER	LINE	CITY NUMBER	DESCRIPTION	DESIGN REB	BID REB	CONSTR REB	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
A-1	1	84001	BOVERIGH	N/A	82-84	88-88	DEPT E & C	GOLDEN TRI	363,088.00	368,854.00	(18,486.70)	363,088.20	363,088.20
	2	84002	RODENBAUGH										
	3	84003	VAN BUREN										
	4	84004	MONTVILLE										
	5	84005	POND WAY										
A-3	23	84018	VOBCAMP										
A-1	8	84053	PEACHTREE	88-84	82-88	82-88	CHESTER	ANJO CONSTR	838,718.27	863,847.00	(24,128.83)	838,718.27	838,718.27
	18	84053	IVORY										
	23	84053	NELSON RUN										
	29	84053	VALLEY VIEW										
	30	84053	PORT WAY										
	33	84053	ZANE PLACE										
A-1	7	84028	OHIO RIVER CROSSING	88-84	88-88	82-88	WESTMORELAND	SPINIELLO	2,338,488.87	2,378,000.00	(39,511.13)	2,338,488.87	2,338,488.87
A-1	8	84028	ATLANTIC	N/A	47-88	88-88	DEPT E & C	SPINIELLO	888,848.88	848,808.00	40,040.88	888,848.88	888,848.88
A-1	10	88010	MONROE	N/A	47-88	88-88	DEPT E & C	SPINIELLO	0.00	178,781.00	(178,781.00)	0.00	0.00
A-1	12	84061	AUBURN	88-84	82-88	82-88	CHESTER	J-JAG	848,888.81	838,878.88	10,010.93	848,888.81	848,888.81
	13	84061	CARYER										
	17	84061	MAYFLOWER										
	22	84061	ST. ANDREWS										
A-1	14	84052	GOODMAN	88-84	82-88	82-88	CHESTER	DAN SCIULLO	1,088,148.88	1,188,881.02	(100,732.14)	1,088,148.88	1,088,148.88
	18	84052	AMBERSON										
	21	84052	BENNETT										
A-1	18	84048	LINCOLN AVE.	88-84	82-88	82-88	CHESTER	J-JAG	1,248,888.82	1,288,818.78	(39,929.96)	1,248,888.82	1,248,888.82
A-1	24	84008	FRIENDSHIP, BALM - S. PACIFIC	N/A	21-84	80-88	DEPT E & C	J-JAG	808,872.88	788,888.00	20,084.88	808,872.88	808,872.88
A-1	24A	84044	FRIENDSHIP, S. PACIFIC - PEIJN										
A-1	26	84080	LIBERTY AVE	N/A	83-84	8-88	DEPT E & C	SPINIELLO	814,731.88	188,400.00	61,331.88	814,731.88	814,731.88
A-1	28	88014	ROBERTS STREET	N/A	47-88	88-88	DEPT E & C	SPINIELLO	81,347.88	871,784.00	(180,436.12)	81,347.88	81,347.88
A-1	27	88011	HAZELWOOD & MT. WASHINGTON	N/A	47-88	88-88	DEPT E & C	SPINIELLO	883,881.82	888,888.00	(5,006.18)	883,881.82	883,881.82
A-1	28	88012	SERVICE LINE REPL.	N/A	87-84	43-88	DEPT WATER	SCIULLI BYNOS	81,447.12	88,488.00	(7,040.88)	81,447.12	81,447.12

THE PITTSBURGH WATER AND SEWER AUTHORITY  
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COMPLETED PROJECTS

WATER SYSTEM - CONTINGENCIES, ENGINEERING AND CONSTR. MANAGEMENT (ATT A - LINE 2)

EXH. NUMBER	CITY	DESCRIPTION	DESIGN RES	BD RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
ATT. A	E	REIMB. DEPT E & C	N/A	N/A	N/A	N/A	N/A					
ATT. A	E	RESIDENT INSP.	84-86	N/A	N/A	GREEN	N/A	871,804.06	871,804.06	0.00	871,804.06	871,804.06
ATT. A	E	MISCELLANEOUS		N/A	N/A	GREEN/CHESTER	N/A	117,722.40	117,722.40	0.00	117,722.40	117,722.40
ATT. A	E	CONSTR. MANAGEMENT	10-86	N/A	N/A	CHESTER	N/A	87,810.82	87,810.82	0.00	87,810.82	87,810.82
ATT. A	E	WATER LINE DESIGN (84048, 84051, 84052 & 84053)	86-84	N/A	N/A	CHESTER	N/A	2,463,819.87	2,463,819.87	0.00	2,463,819.87	2,463,819.87
ATT. A	E	FILTER REHAB STUDY	11-86	N/A	N/A	CHESTER	N/A	28,308.00	28,308.00	0.00	28,308.00	28,308.00
ATT. A	E	OPEN RESERVOIR STUDY	86-84	N/A	N/A	GANNETT-FLEMING	N/A	12,803.10	12,800.00	(33.10)	12,803.10	12,800.00
ATT. A	E	BRASHEAR TANKS	80-86	N/A	N/A	GANNETT-FLEMING	N/A	87,478.41	84,806.48	26,671.93	87,478.41	87,478.41
ATT. A	E	TANK PAINTING - DESIGN	86-84	N/A	N/A	KIMBALL	N/A	86,861.14	86,180.00	681.14	86,861.14	86,861.14
ATT. A	E	TANK PAINTING - INSP (84048)	86-87	N/A	N/A	MOODY - TOLTRUP	N/A	12,822.86	12,822.86	0.00	12,822.86	12,822.86
ATT. A	E	OHIO RIVER CROSSING	86-84	N/A	N/A	WESTMORELAND	N/A	12,224.22	8,883.00	3,341.22	12,224.22	12,224.22
ATT. A	E	CEMENT LINING	86-84	N/A	N/A	WESTMORELAND	N/A	28,734.72	44,448.88	(15,714.16)	28,734.72	28,734.72
ATT. A	E	P & LE PERMIT - RIVER CROSSING	8-13-86	N/A	N/A	N/A	N/A	113,846.03	113,846.03	0.00	113,846.03	113,846.03
ATT. A	E	P & LE PERMIT - 86400		N/A	N/A	N/A	N/A	2,100.00	2,100.00	0.00	2,100.00	2,100.00
ATT. A	E							2,100.00	2,100.00	0.00	2,100.00	2,100.00
TOTALS								3,727,834.82	3,870,840.43	143,005.61	3,727,834.82	3,727,834.82



THE PITTSBURGH WATER AND SEWER AUTHORITY  
 1964 BOND ISSUE - CAPITAL IMPROVEMENT PROGRAM  
 STATUS REPORT AS OF 07/1/78

COMPLETED PROJECTS

WATER SYSTEM - MISCELLANEOUS (A-18 THROUGH A-19)

EXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN REQ.	BID REQ.	CONTR. REQ.	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CORR. TO DATE	PAYMENTS TO DATE
A-18	3		LEAK DETECTION EQUIPMENT	N/A	81-80	83-80	DEPT. WATER	FLUID CONV. SYS.	83,424.00	83,488.00	(64.00)	83,484.00	83,484.00
A-18	8A		BOILER TUBE CLEANER	N/A	72-84	80-87	DEPT. WATER	GOODWAY TOOLS	8,100.00	8,100.00	0.00	8,100.00	8,100.00
A-18	8B	7	OIL FILTER SYSTEM	N/A	72-84	80-87	DEPT. WATER	NAVARD	8,131.80	8,131.80	0.00	8,131.80	8,131.80
A-18	8C		VIBRATION METER	N/A	72-84	80-87	DEPT. WATER	BRUEL & KJAER	8,111.00	8,111.00	0.00	8,111.00	8,111.00
A-18	8D		PORTABLE SAND BLASTER	N/A	72-84	80-87	DEPT. WATER	LEWIS & COULTER	8,481.00	8,481.00	0.00	8,481.00	8,481.00
A-18	8E		HYDRAULIC TOOLS	N/A	72-84	44-87	DEPT. WATER	DOERR BROS.	32,738.00	32,738.00	0.00	32,738.00	32,738.00
A-18	8F		FICHE READERS	N/A	72-84	44-87	DEPT. WATER	PENN RECORD	8,710.00	8,710.00	0.00	8,710.00	8,710.00
A-18	8G		METERING PUMP	N/A	72-84	83-87	DEPT. WATER	WALLACE & TIERNAN	2,018.00	2,018.00	0.00	2,018.00	2,018.00
A-18	8H		TRACTOR-MOWER	N/A	72-84	84-87	DEPT. WATER	PASCOE	8,898.00	8,898.00	0.00	8,898.00	8,898.00
A-18	8I		TRACTOR	N/A	72-84	80-87	DEPT. WATER	GRIFFITH	13,300.00	13,300.00	0.00	13,300.00	13,300.00
A-18	8J		MICROFILM JACKETS	N/A	72-84	78-87	DEPT. WATER	BELL & HOWELL	8,300.00	8,300.00	0.00	8,300.00	8,300.00
A-18	8K		LEAK DETECTION EQUIP.	N/A	82-87	104-87	DEPT. WATER	FLUID CONV. SYS.	4,117.70	4,117.70	7.70	4,117.70	4,117.70
A-18	8L		TOXIC GAS DETECTORS	N/A	84-87	104-87	DEPT. WATER	INDUS. SC. CORP.	8,828.00	8,828.00	0.00	8,828.00	8,828.00
A-18	8M		TAMPER & GENERATORS	N/A	78-84	82-87	DEPT. WATER	METRO EQUIP.	23,374.88	23,374.88	0.00	23,374.88	23,374.88
A-18	8N		TRASH PUMP, HAMMER & DRILLS	N/A	72-84	83-87	DEPT. WATER	A-ACTION RENTAL	20,898.28	20,898.28	0.00	20,898.28	20,898.28
A-18	8P		BREAKERS & TAMPERS	N/A	72-84	84-87	DEPT. WATER	MACHINE RENTAL	11,820.00	11,820.00	0.00	11,820.00	11,820.00
A-18	8Q		DEMOLITION HAMMERS	N/A	72-84	118-87	DEPT. WATER	H. K. McJUNKIN	3,800.00	3,800.00	0.00	3,800.00	3,800.00
A-18	8R		ELECTRIC HAMMERS	N/A	72-84	118-87	DEPT. WATER	H. K. McJUNKIN	8,890.00	8,890.00	0.00	8,890.00	8,890.00
A-18	8S		GAS POWERED SAWS	N/A	72-84	117-87	DEPT. WATER	LEWIS & COULTER	8,800.00	8,800.00	0.00	8,800.00	8,800.00
A-18	8T		TRAVELING WATER SCREENS	N/A	72-84	7-84	DEPT. WATER	DREGER	88,848.36	88,848.36	0.00	88,848.36	88,848.36
A-18	8U		BORING MACHINES	N/A	82-84	48-84	DEPT. WATER	MACHINERY RENTAL	18,281.80	18,281.80	0.00	18,281.80	18,281.80
A-18	8V		BACKFLOW TEST KIT	N/A	84-84	84-84	DEPT. WATER	MEYER'S II & P. BLITZ	281.00	281.00	0.00	281.00	281.00

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## COMPLETED PROJECTS

## WATER SYSTEM - TREATMENT PLANT (A-13 THRU A-18)

EXH. NUMBER	LINE	CITY NUMBER	DESCRIPTION	DESIGN REB	BID REB	CONSTR REB	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
A-13	1A	---	CLARIFIER FLIGHTS - 1	N/A	84-84	86-86	DEPT WATER	ENVIREX, INC	86,817.00	86,817.00	0.00	86,817.00	86,817.00
A-13	1C	00017	JT REPAIRS - CLARIFIERS	N/A	87-88	82-86	DEPT E & C	COST CORP.	484,840.01	76,864.00	374,786.01	484,840.01	484,840.01
A-14	1	04043	ROOF REPLACEMENT	N/A	84-84	13-88	DEPT E & C	TOM MISTICK	290,540.00	275,530.00	2,010.00	290,540.00	290,540.00
A-14	1B	04027	REPAIR OF CLARIFIERS	86-86	40-87	86-87	KIMBALL	KLANICK	1,448,828.00	1,393,000.00	83,828.00	1,448,828.00	1,448,828.00
AIT-A	C-4	---	ENGR. STUDY - PUMP STA.	87-84	N/A	N/A	GREEN/CHESTER	N/A	170,067.83	170,067.83	0.00	170,067.83	170,067.83
TOTALS									2,378,982.84	1,948,006.83	430,984.01	2,378,982.84	2,378,982.84

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A-9	1M	80005	RETUBE BOILER - ROSS	N/A	8-80	43-85	DEPT E & C	EASLEY, INC	44,928.00	44,928.00	0.00	44,928.00	44,928.00
A-9	1P	80011	ROOF: LINC. - HQHLD. - BRILL	N/A	22-86	82-86	DEPT E & C	DELMAR	84,808.00	80,828.00	8,880.00	84,808.00	84,808.00
A-10	ALL	84036	BOOSTER CL. - GENERAL	88-88	27-88	78-88	KIMBALL	GUARDIAN	840,748.08	834,878.10	18,087.18	853,842.28	853,842.28
A-10	ALL	84036	BOOSTER CL. - ELEC.	88-88	27-88	78-88	KIMBALL	MOLETZ	0.00	188,884.34	8,812.00	181,808.34	181,808.34
A-10	ALL	84036	BOOSTER CL. - HVAC	88-88	27-88	78-88	KIMBALL	W. G. TOMKO	0.00	112,000.00	12,800.00	128,800.00	128,800.00
A-11	1	84028	GARFIELD TANK	88-84	32-88	82-88	KIMBALL	CHRISTOP	182,831.28	833,118.00	(80,887.74)	182,831.28	182,831.28
	2	84028	ALLEN TOWN TANK										
	3	84028	LINCOLN TANK										
	4	84028	SPRING HILL TANK										
A-11	3	84042	BOURBON HILL TANK	N/A	34-84	8-88	DEPT E & C	INTERSTATE	137,283.78	148,840.00	(11,808.28)	137,283.78	137,283.78
	4	84042	MERRON HILL TANK										
A-12	1A	84038	BRASHEAR TANKS	88-88	8-88	88-88	GANNETT FLEMING	HYDROSTORAGE	3,703,287.18	3,788,400.00	(82,142.81)	3,703,287.18	3,703,287.18
A-12	1B	88004	CLEAN OPEN RESERVOIR	N/A	81-88	41-88	DEPT E & C	M. DePASQUALE	483,818.80	881,000.00	172,818.80	483,818.80	483,818.80
A-12	1C	---	DEMO - HOUSE	N/A	CITY	88-88	DEPT. E & C	-----	2,700.00	2,700.00	0.00	2,700.00	2,700.00
TOTALS									10,002,877.86	9,828,980.44	728,818.84	10,004,877.86	10,004,877.86

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COMPLETED PROJECTS

WATER SYSTEM - PUMPING AND STORAGE (A-B THRU A-12)

EXH. NUMBER	LINE	CITY NUMBER	DESCRIPTION	DESIGN RES	SIO RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
A-8	1AA	80010	01 ROSS - GENERAL	86-86	87-86	86-86	CHESTER	WAYNE CROUSE	878,808.77	841,400.00	81,408.77	878,808.77	878,808.77
A-8	1AB	80010	02 ROSS - HVAC	86-86	87-86	86-86	CHESTER	HUCKENSTEIN	844,478.00	838,480.00	7,998.00	844,478.00	844,478.00
A-8	1AQ	80010	03 ROSS - SPRINKLER	86-86	87-86	86-86	CHESTER	WAYNE CROUSE	8,000.00	8,800.00	(800.00)	8,000.00	8,000.00
A-8	1AD	80010	04 ROSS - ELECTRICAL	86-86	87-86	86-86	CHESTER	MOLETZ	183,825.88	134,800.00	49,178.88	183,825.88	183,825.88
A-8	1CA	80010	07 HOWARD - GENERAL	86-86	87-86	82-86	CHESTER	KRANICK	890,880.00	818,831.00	83,748.00	890,880.00	890,880.00
A-8	1CB	80010	08 HOWARD - HVAC	86-86	87-86	82-86	CHESTER	WAYNE CROUSE	78,002.86	88,772.00	7,830.86	78,002.86	78,002.86
A-8	1CC	80010	08 HOWARD - ELEC.	86-86	87-86	82-86	CHESTER	MOLETZ	148,880.88	117,800.00	87,780.88	148,880.88	148,880.88
A-8	1DA	80010	08 SALINE - GENERAL	86-86	87-86	86-86	CHESTER	WAYNE CROUSE	282,880.18	841,100.00	81,480.18	282,880.18	282,880.18
A-8	1DB	80010	08 SALINE - ELEC.	86-86	87-86	86-86	CHESTER	MOLETZ	88,181.00	81,130.00	8,001.00	88,181.00	88,181.00
A-8	1EA	80010	01 BRILLIANT - GENERAL	86-86	87-86	74-86	KLH	BIKLOH	388,320.82	372,100.00	(2,778.88)	388,320.82	388,320.82
A-8	1EB	80011	02 BRILLIANT - HVAC	86-86	87-86	74-86	KLH	L.J. COMER	72,744.80	88,000.00	8,744.80	72,744.80	72,744.80
A-8	1EC	80011	03 BRILLIANT - ELEC.	86-86	87-86	74-86	KLH	MOLETZ	88,807.00	70,888.00	87,848.00	88,807.00	88,807.00
A-8	1FA	80011	07 HERRON HILL - GENERAL	86-86	87-86	8-87	KLH	WAYNE CROUSE	812,888.00	818,828.00	88,740.00	812,888.00	812,888.00
A-8	1FB	80011	08 HERRON HILL - HVAC	86-86	87-86	8-87	KLH	L.J. COMER	42,481.81	41,000.00	1,481.81	42,481.81	42,481.81
A-8	1FD	80011	09 HERRON HILL - ELEC.	86-86	87-86	8-87	KLH	MOLETZ	188,137.00	138,400.00	88,737.00	188,137.00	188,137.00
A-8	1HA	80011	10 HIGHLAND & LINCOLN - GENERAL	86-86	87-86	101-88	KLH	KRANICK	141,848.00	181,861.00	10,884.00	141,848.00	141,848.00
A-8	1HB	80011	11 HIGHLAND & LINCOLN - HVAC	86-86	87-86	101-88	KLH	W.G. TOMKO	88,340.00	88,000.00	840.00	88,340.00	88,340.00
A-8	1HC	80011	12 HIGHLAND & LINCOLN - ELEC.	86-86	87-86	101-88	KLH	MOLETZ	38,480.00	84,878.00	10,818.00	38,480.00	38,480.00
A-8	1JA	80011	04 MISSION - GENL.	86-86	87-86	73-88	KLH	DELMAR	442,888.48	414,884.00	88,108.48	442,888.48	442,888.48
A-8	1JB	80011	06 MISSION - HVAC	86-86	87-86	73-88	KLH	EAST - WEST	41,388.87	84,708.00	8,808.87	41,388.87	41,388.87
A-8	1JC	80011	08 MISSION ELEC.	86-86	87-86	73-88	KLH	MOLETZ	48,818.00	82,800.00	17,818.00	48,818.00	48,818.00
A-8	1L	84023	PUMP AND MOTOR	N/A	47-80	8-88	DEPT E & C	MCGRAW EDISON	488,383.80	881,843.00	208,480.80	488,383.80	488,383.80

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A-7	12	87001	PENN AVE - NEBLEY TO 30TH	N/A	8-86	06-86 06-87	DEPT E & C	SPINIELLO	1,231,184.30	1,642,810.00	(361,456.70)	1,231,184.30	1,231,184.30
A-7	14	86018	SARAH STREET	N/A	47-86	06-86 06-86	DEPT E & C	SPINIELLO	472,660.36	469,770.00	(17,209.87)	472,660.36	472,660.36
A-7	18	86018	EAST CARBON STREET	N/A	47-86	06-86 06-86	DEPT E & C	SPINIELLO	340,804.20	429,800.00	(99,048.80)	340,804.20	340,804.20
A-7	16	86008	PUMP LINE NO. 3	N/A	N/A	06-86 71-87	DEPT E & C	SPINIELLO	627,762.70	866,800.00	(37,847.30)	627,762.70	627,762.70
A-7	18	87008	EAST OHIO - MILLVALE	N/A	82-87	2-86	DEPT E & C	SPINIELLO	7,423,186.13	7,812,870.00	(189,700.87)	7,423,186.13	7,423,186.13
	20	87008	RAWING MAINS - HERRON HILL										
	21	87008	TROY HILL - VONCAMP										
	22	87008	TROY HILL - MADISON										
	23	87008	TROY HILL - BRIGHTON ROAD										
	24	87008	BRIGHTON - COLUMBUS										
	25	87008	COLUMBUS - PENNSYLVANIA										
	26	87008	EAST ST - FEDERAL										
	27	87008	BRASHEAR - MCNAUGHIER										
	28	87008	PERRYVILLE - BRIGHTON										
A-8	1A	84021	S. NEBLEY - PHASE I	N/A	CITY	28-84	DEPT E & C	SPINIELLO	801,038.78	281,200.00	218,836.78	801,038.78	801,038.78
A-8A	1D	86013	BRINTELL - COLEBRIDGE	N/A	8-86	18-87	DEPT E & C	GOLDEN TRIANGLE	1,098,264.20	1,184,878.00	(28,824.20)	1,098,264.20	1,098,264.20
A-8	1	84014	OPREYSTONE			78-86							
TOTALS									48,177,448.87	41,921,978.04	800,071.23	48,177,448.87	48,177,448.87

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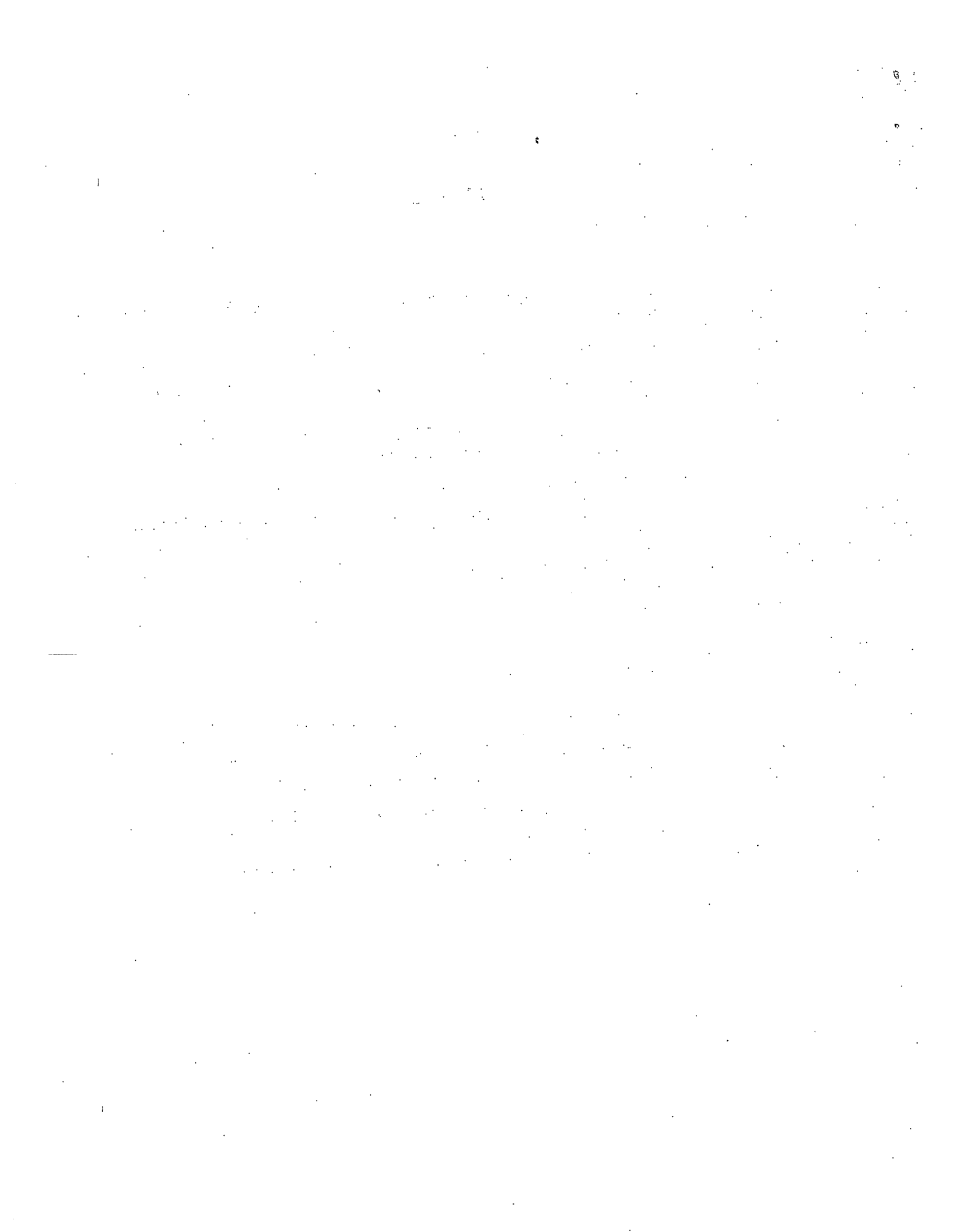
	12	80008	MERIDIAN										
	13	80008	HALLOCK										
	14	80008	PLYMOUTH										
	16	80008	EDITH										
	17	80008	CAIRO										
	20	80008	WILLIS										
A-3	21	80007	WEBBELL	N/A	72-80	80-80	DEPT E & C	CAMP MEETING	171,800.18	100,000.00	18,510.18	171,800.18	171,800.18
	22	80007	FLECK										
	23	80007	BOTHWELL										
	26	80007	LARD										
A-4	1	84048	VALVE REPL. - PHASE I	N/A	8-80	29-80	DEPT E & C	SPINIELLO	811,848.77	477,000.00	434,848.77	811,848.77	811,848.77
A-4	B & 2	88014	VALVE REPL. - R & W	N/A	47-80	04-80	DEPT E & C	SPINIELLO	808,808.81	800,000.00	8,808.81	808,808.81	808,808.81
						88-88							
A-8	1	80001	FIRE HYD. PROGRAM	N/A	8-80	84-84	DEPT E & C	SPINIELLO	204,080.73	200,000.00	4,080.73	204,080.73	204,080.73
						88-88							
A-8	B1-A	---	FIRE HYD & VALVES	N/A	80-80	83-86	DEPT WATER	MAHONING MON	44,820.00	44,820.00	0.00	44,820.00	44,820.00
A-8	B1-B	---	VALVES - 1987	N/A	80-80	83-86	DEPT WATER	AMERICAN DARLING	27,862.00	27,862.00	0.00	27,862.00	27,862.00
A-8	B1-C	---	CAST IRON PIPERS	N/A	80-80	82-87	DEPT WATER	ALLEGHENY FOUNDR	18,881.00	23,100.00	(7,148.00)	18,881.00	18,881.00
A-8	B1-D	---	CAST IRON PIPERS	N/A	88-87	27-88	DEPT WATER	ALLEGHENY FOUNDR	8,710.00	8,710.00	0.00	8,710.00	8,710.00
A-8	B2-A	---	FIRE HYD - 1987	N/A	80-80	118-87	DEPT WATER	AM CAST IRON PIPE	148,800.00	148,800.00	0.00	148,800.00	148,800.00
A-8	C-1	---	REHAB. LARGE METER	N/A	43-84	13-88	DEPT WATER	ROCKWELL	78,808.00	78,808.00	0.00	78,808.00	78,808.00
A-8	C-2A	---	REHAB. LARGE METER	N/A	81-87	106-87	DEPT WATER	ROCKWELL	88,488.00	88,488.00	0.00	88,488.00	88,488.00
A-7	1	84018	8ND AVE. - GREENFLD. TO DOWNT.	88-84	32-80	82-80	WESTMORELAND	SPINIELLO	8,872,883.71	8,044,800.00	(73,808.29)	8,872,883.71	8,872,883.71
	2	84024	MISSION PUMP STATION TO 13TH										
	13	86018	SMITHFIELD - BLVD. ALLIES TO 7TH										
A-7	3	84024	GREENWOOD	88-84	8-88	78-88	WESTMORELAND	SPINIELLO	4,843,844.81	4,832,878.00	10,866.81	4,843,844.81	4,843,844.81
	8	84024	PENN. BRADDOCK TO PENN										
	8	84024	WASHINGTON										
	9	84024	LARIMER										
A-8	10	85018	NORTH NEGLEE										
A-7	4	84041	SMALLMAN - 84TH TO 30TH	N/A	84-84	22-88	DEPT E & C	SPINIELLO	2,274,880.24	2,080,428.00	214,256.24	2,274,880.24	2,274,880.24
	7	84041	BUTLER - McCANDLESS TO 34TH										
A-7	10	84020	ROSS PUMPING LINE	N/A	8-80	08-80	DEPT E & C	SPINIELLO	448,817.88	387,878.00	81,842.88	448,817.88	448,817.88
A-8	18	84034	S. NEGLEE - PHASE II										
A-7	11	88030	SMALLMAN STREET	N/A	8-80	86-88	DEPT E & C	SPINIELLO	1,207,487.48	1,008,840.00	187,817.48	1,207,487.48	1,207,487.48
						79-88							

EXHIBIT C

None.

EXHIBIT D

AGREEMENT DATE	PARTIES
Undated/ Unsigned	Right of Way Agreement between City of Pittsburgh & Waterworks Phase II
Undated	License Agreement: Norfolk & Western Rail Road & City of Pittsburgh
6/1/89	License Agreement: Port Authority Allegheny County & City of Pittsburgh
8/92	Assignment and Quit Claim of Easement: City of Pittsburgh to KLS Development Company, Beechwood (assigned)
9/10/90	Deed of Easement: KLS Development & City of Pittsburgh
5/31/92	Assignment of Easements: City of Pittsburgh to KLS Development Company
1993	Waterline & Sewer Easement Agreement: Diocese of Pittsburgh to City of Pittsburgh
4/28/93	Underground Right-of-Way Agreement: Catholic Institute of Pittsburgh to City of Pittsburgh
8/2/90	Pipeline Crossing Agreement: CSX Transportation Inc & City of Pittsburgh
10/15/57	License Agreement: City of Pittsburgh & Aspinwall School District
7/1992	Easement: School District of Pittsburgh & City of Pittsburgh
7/22/94	License Agreement: City of Pittsburgh & ALCOSAN
9/27/94	Deed of Easement: City of Pittsburgh & ALCOSAN & Pittsburgh Water and Sewer Authority
2/28/95	Amend to License Agreement: City of Pittsburgh & ALCOSAN



**EXHIBIT D**



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COMPLETED PROJECTS  
 SEWER SYSTEM - EQUIPMENT, TOOLS & VEHICLES (P-30)

EXH. NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
B-3	D2A	DUAL ENG. VACTORS	N/A	41-87	PUBLIC WORKS	GEORGE DAVIS	279,112.00	279,112.00	0.00	279,112.00	279,112.00
B-3	D2B	SINGLE ENG. VACTORS	N/A	41-87	PUBLIC WORKS	A & H EQUIP.	279,990.00	279,990.00	0.00	279,990.00	279,990.00
B-3	D3	TRUCK MOUNTED TV	N/A	81-84	PUBLIC WORKS	CUES, INC.	110,990.00	110,990.00	0.00	110,990.00	110,990.00
B-3	D4A	SEWER TV EQUIP	N/A	10-86	PUBLIC WORKS	CUES, INC.	48,990.00	48,990.00	0.00	48,990.00	48,990.00
TOTALS							708,942.00	710,942.00	0.00	708,942.00	708,942.00

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COMPLETED PROJECTS

SEWER SYSTEM - CONTINGENCIES, ENGINEERING AND CONSTR. MANAGEMENT (ATT B - LINE 7)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	QID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
ATT. B	7	REIMB. DEPT. E & C	N/A	N/A	N/A	N/A	N/A	308,278.91	308,278.91	0.00	308,278.91	308,278.91
TOTALS								308,278.91	308,278.91	0.00	308,278.91	308,278.91

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COMPLETED PROJECTS

SEWER SYSTEM - (1-270) RELOCATION (B-08)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
		NONE TO DATE										
TOTALS								0.00	0.00	0.00	0.00	0.00

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COMPLETED PROJECTS

SEWER SYSTEM - UNSEWERED AREAS (B-SC)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
		NONE TO DATE						0.00	0.00	0.00	0.00	0.00
TOTALS								0.00	0.00	0.00	0.00	0.00

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COMPLETED PROJECTS

SEWER SYSTEM - OTHER CITY PROJECTS (B-9)

LINE	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR. DEPT # & C	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
B-2	1	GRANT ST. - PHASE I	N/A	CITY	80-84	DEPT # & C	TRUMBULL	234,106.88	181,700.00	78,406.88	234,106.88	234,106.88
B-2	1A	GRANT ST. - PHASE II	N/A	CITY	48-87	DEPT # & C	COLOSIMO	877,098.80	306,448.00	(78,348.40)	877,098.80	877,098.80
B-2	2	BLOOMFIELD BRIDGE PHASE III	N/A	CITY	33-86	DEPT # & C	ANJO	20,718.14	31,836.00	828.86	20,718.14	20,718.14
B-2	8	COETTMAN	N/A	CITY	04-86	DEPT # & C	NICHILSON	82,828.00	82,828.00	0.00	82,828.00	82,828.00
3-2	10	CARBON STREET	N/A	LRA	88-88	LRA	---	208,732.83	84,818.00	81,818.83	208,732.83	208,732.83
TOTAL B								1,001,830.26	877,486.00	84,106.26	1,001,830.26	1,001,830.26

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COMPLETED PROJECTS  
 SEWER SYSTEM - PUMPING STATIONS (B-3A)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	CONTR. RES	DESIGN ENDR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
		NONE TO DATE					0.00	0.00	0.00	0.00	0.00
TOTALS							0.00	0.00	0.00	0.00	0.00

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COMPLETED PROJECTS  
 SEWER SYSTEM - EXISTING SEWERS (B-1)

EXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
B-1	1	84031	STRAWBERRY WAY	N/A		04-84	DEPT E & C	PRESSURE CONC	129,864.00	129,864.00	0.00	129,864.00	129,864.00
B-1	2A	84032	WATSON - PHASE I	N/A	84-84	17-86	DEPT E & C	FACCIHANO	80,480.87	81,880.00	8,760.87	80,480.87	80,480.87
B-1	3A	84033	WM PENN - PHASE I	N/A	84-84								
B-1	4A	84034	FORBES - PHASE I	N/A	84-84								
B-1	12A	84035	STANWIX - PHASE I	N/A	84-84								
B-1	2B	84032	WATSON - PHASE II	N/A	84-84	02-86	DEPT E & C	INBITUFORM	800,181.80	408,486.00	80,702.86	800,181.80	800,181.80
B-1	3B	84033	WILLIAM PENN - PHASE II	N/A	84-84								
B-1	4B	84034	FORBES - PHASE II	N/A	84-84								
B-1	10	80009	HABLADE		82-86								
B-1	18	80008	LOWRIE		82-86								
B-1	100	84039	STANWIX - PHASE II		84-84								
B-1	24	80006	FOURTH AVENUE		82-86								
B-1	5	80003	NORTH NEVILLE	19-86	47-86	73-86	DUNCAN, LANGOISE	DMK INC.	1,062,130.86	1,068,865.80	(7,868.86)	1,068,180.86	1,068,180.86
B-1	11	80003	47TH STREET										
B-1	17	80003	SCHOOL WAY										
B-1	19	80003	MAUCHI										
B-1	7	80020	CHARTERS	45-86	47-86	73-86	DUNCAN, LANGOISE	DOMINIC NICASBIO	368,878.16	268,808.30	87,067.86	368,878.16	368,878.16
B-1	26	80020	CRYSLER										
B-1	9	84036	TAPPACONA	N/A	T2-86	81-86	DEPT E & C	CARNEGIE ENGR.	181,270.86	180,864.20	(2,813.34)	181,270.86	181,270.86
B-1	13	84037	PINECASTLE	N/A	8-86	86-87	DEPT E & C	INDEP. ENTERPRISES	338,801.86	318,822.00	80,229.86	338,801.86	338,801.86
B-1	23A	80021	WOOD STREET - EMERGENCY	N/A	N/A	48-86	DEPT E & C	INTER QUHITE	44,186.40	44,186.40	0.00	44,186.40	44,186.40
B-1	23A	80044	LUSTER	N/A	74-87	81-87	DEPT E & C	INBITUFORM EAST	868,887.83	868,238.86	488.07	868,887.83	868,887.83
B-1	43	80044	DARRAGH										
B-1	48	80044	JOSEPHINE										
B-1	50	80044	ALBURN										
B-1	84	80044	FOUR MILE RUN										
B-1	87	80044	HENDERSON										
B-1	88	80044	WESTMINSTER PL										
B-1	88	80044	OLEN MANOR										
B-1	80	80044	HARCORE										
B-1	81	80044	MERRIMAG										
B-1	28A	---	REHAB MANHOLES	N/A	14-86	88-88	PUBLIC WORKS	FACCIHANO	204,304.36	207,890.00	(2,845.81)	204,304.36	204,304.36
B-1	28B	---	REHAB MANHOLES - H	N/A	14-86	88-88	PUBLIC WORKS	CASCIATO BROS.	828,773.30	828,130.00	868,643.80	828,773.30	828,773.30

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8-1	80C	---	REHAB MANHOLES - 1967	N/A	14-87	43-87	PUBLIC WORKS	FACCHIANO	296,100.70	296,722.00	432.78	296,196.78	296,196.78
8-1	80A	---	PINECASTLE - EMER.	N/A	N/A	MOTION	DEPT E & C	J-JAC	78,014.83	100,000.00	(24,985.47)	78,014.83	78,014.83
8-1	80B	---	PAULINE - EMER.	N/A	N/A	MOTION	DEPT E & C	DAN SCIULLO	223,953.18	230,000.00	(6,046.82)	223,953.18	223,953.18
8-1	80C	---	LITTLE SAW MILL RUN	N/A	EMER	130-87	DEPT E & C	DEPARQUALE	56,205.00	34,205.00	22,000.00	29,205.00	29,205.00
8-1	80D	---	CHIBLETT ST - EMERGENCY	N/A	N/A	MOTION	DEPT E & C	DAN SCIULLO	90,811.83	90,811.83	0.00	90,811.83	90,811.83
8-1	30	---	OTTILLA ST - MT. OLIVER	N/A	N/A	8-88	GATEWAY	PERENELLA	10,812.20	13,490.00	(2,677.80)	10,812.20	10,812.20
8-1	30	80023	EXCHANGE WAY - EMERGENCY	N/A	N/A	86-86	DEPT E & C	D H KING	140,786.98	182,828.00	42,041.02	140,786.98	140,786.98
8-1	34	80002	SPANROOVE	N/A	14-87	42-87	DEPT E & C	DAN SCIULLO	242,770.87	237,719.86	5,051.01	242,770.87	242,770.87
8-1	37	80020	PRICE ST.	8-87	82-87	78-87	DUNIGAN, LAGNESE	INDEP. ENTERPRISES	477,878.87	508,296.00	(30,417.13)	477,878.87	477,878.87
8-1	41	80020	GRANDVIEW AVE.										
8-1	48	80020	FIFTH AVE. EXT.										
8-1	24	80023	SPRING WAY & 17TH ST.	7-87	74-87	18-86	LORENZI, DODD8	PENN PAVING	267,868.86	268,182.80	(315.94)	267,868.86	267,868.86
8-1	51	80023	MULBERRY										
8-1	44	80022	CHAUNCEY										
8-1	50	80022	MARTLAND	7-87	74-87	40-86	LORENZI, DODD8	INDEP. ENTERPRISES	260,900.87	260,787.80	113.07	260,900.87	260,900.87
8-1	48	80021	COLTART, MORSES, PROVOISE	N/A	86-87	119-87	DEPT E & C	MORGATIELLO	648,863.26	878,413.00	(229,549.74)	648,863.26	648,863.26
8-1	49	80024	OKOROVE	N/A	81-87	80-87	DEPT E & C	M. FACCHIANO	173,806.00	170,206.00	3,600.00	173,806.00	173,806.00
8-1	53	80024	LYTLE										
8-1	52	87011	CYPRESS ST.	N/A	128-87	83-86	DEPT E & C	INDEP. ENTERPRISES	112,078.02	78,860.00	33,218.02	112,078.02	112,078.02
8-1	53	86043	BROWN'S HILL ROAD	N/A	128-87	84-86	DEPT E & C	DOMENIC NICASBIO	86,486.86	86,200.00	286.86	86,486.86	86,486.86
TOTALS									7,484,486.08	7,890,031.86	174,444.41	7,484,486.08	7,484,486.08

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2B-1	66	---	MANHOLE - 1891	N/A	63-93	PUBLIC WORKS	FACCHIANO	237,699.81	159,813.00	73,786.81	237,699.81	337,699.81
2B-1	65	91011	PENN AVE. - EMBR.	N/A	MOTION 7-18-93	DEPT. E A C	SPINIELLO	38,150.00	38,150.00	(400.00)	38,150.00	38,150.00
2B-1	64	91015	SEWER LININO	N/A	66-92	DEPT. E A C	INSITUFORM EAST	777,536.34	532,355.61	245,202.55	777,536.34	777,536.34
2B-1	67	91010	JUNILLA ST. - EMBR.	N/A	MOTION 10-9-92	DEPT. E A C	INDEPENDENT ENT.	237,376.83	178,990.00	36,306.83	237,376.83	237,376.83
2B-1	68	91010	CLYDE STREET	N/A	1-93	DEPT. E A C	INDEPENDENT	649,833.82	349,833.00	79,878.82	649,833.82	649,833.82
2B-1	69	91012	WILKINS/DENNISTON	N/A	63-93	DEPT. E A C	COLOREN TRI.	131,462.57	127,420.13	4,042.43	131,462.57	131,462.57
2B-1	70	91033	LAWN ST. - EMBR.	N/A	MOTION 1-13-93	DEPT. E A C	INDEPENDENT ENT.	134,393.12	132,777.30	(16,104.37)	134,393.12	134,393.12
2B-1	71	91041	ANNUAL SEWER CONT.	N/A	101-92	DEPT. E A C	TEDESCO	0.00	0.00	0.00	0.00	0.00
2B-1	72A	91041	CIBESS STREET	N/A	103-92	DEPT. E A C	TEDESCO	34,484.13	43,102.13	9,301.00	34,484.13	34,484.13
2B-1	72B	91041-02	CHARLES ANDERSON	N/A	103-93	DEPT. E A C	TEDESCO	74,431.37	84,114.28	(16,692.01)	74,431.37	74,431.37
2B-1	72C	91041-03	JUNILLA ST.	N/A	101-92	DEPT. E A C	TEDESCO	40,795.16	24,380.00	14,397.10	40,795.16	40,795.16
2B-1	72D	91041-04	TREVANION ST.	N/A	103-93	DEPT. E A C	TEDESCO	37,693.39	37,693.39	0.00	37,693.39	37,693.39
2B-1	72E	91041-05	BELLINGHAM ST.	N/A	103-93	DEPT. E A C	TEDESCO	109,276.61	139,436.33	49,834.20	109,276.61	109,276.61
2B-1	72F	91041-06	BOSSART STREET	N/A	103-93	DEPT. E A C	TEDESCO	313,148.44	183,086.33	18,442.11	313,148.44	313,148.44
2B-1	72G	91041-07	BROOKLINE BLVD.	N/A	103-93	DEPT. E A C	TEDESCO	109,191.43	171,033.33	16,142.12	109,191.43	109,191.43
2B-1	72H	91041-08	KEARBOE STREET	N/A	103-93	DEPT. E A C	TEDESCO	33,931.34	33,931.33	28,990.93	33,931.34	33,931.34
2B-1	73	91015	CLYDE ST. - EMBR.	N/A	N/A	MOTION 11-11-93	SPINIELLO	71,109.00	71,109.00	(2,321.00)	71,109.00	71,109.00
2B-2	1A	04031	CAMPUS STREET	N/A	63-93	DEPT. E A C	M. FACCHIANO	22,835.40	22,835.40	(822.40)	22,835.40	22,835.40
2B-2	1B	04012	SCHNITTORN ST.	N/A	13-87	DEPT. E A C	FRADICON	53,845.31	47,981.00	7,864.31	53,845.31	53,845.31
2B-2	1D	04031	TASSO STREET	N/A	103-92	DEPT. E A C	USIRIS	143,133.30	118,438.00	24,893.20	143,133.30	143,133.30
2B-2	1E	04019	OLASOODW STREET	N/A	13-94	DEPT. E A C	INDEPENDENT	304,444.82	298,733.00	5,805.82	304,444.82	304,444.82
2B-4	2A	---	ORADALL	N/A	14-91	PUBLIC WORKS	HIGHWAY BOUJIP.	210,413.30	210,413.30	0.00	210,413.30	210,413.30
2B-4	2A	---	OAS MONITORS	N/A	MOTION 2-11-94	PUBLIC WORKS	IND. SCIENTIFIC	22,107.60	22,107.60	0.00	22,107.60	22,107.60
TOTALS								3,613,797.29	25,408,133.33	3,317,673.33	3,613,797.29	3,613,797.29

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COMPLETED PROJECTS

SEWER SYSTEM

CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN HOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGES TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
COMPLETED PROJECTS AS OF JULY 11, 1991											
COMPLETED PROJECTS AS OF JULY 11, 1991											
B-1	19 81940 BANKSVILLE	19-81	47-81	13-87	DUNCAN, LAGNESH DANSCIULLO		7,116,361.37	6,684,984.64	649,316.91	7,334,301.33	7,234,389.37
B-1	24 81944 MONROE						9,173,316.86	8,899,893.83	372,444.81	9,173,316.86	8,173,316.86
B-1	26 81944 LUSTER						3,719,887.78	3,371,713.09	3,446,154.79	3,719,887.78	3,719,887.78
B-1	5 --- CATCH BASINS - 1999	N/A		14-99	PUBLIC WORKS	FACCIANO	318,316.31	497,331.09	21,014.31	318,316.31	318,316.31
B-1	6 --- CATCH BASINS - 1991	N/A	71-91	74-91	PUBLIC WORKS	FACCIANO	194,333.09	191,133.09	3,458.09	194,333.09	194,333.09
B-1	8 86818 DIVERSION STR. - CAPE MAY	N/A	91-91	1-91	DEPT. E A C	FACCIANO	131,849.39	88,461.09	63,384.38	131,849.39	131,849.39
B-1	16A 89940 ULYSSES II	N/A	18-89	33-89	DEPT. B A C	SPINIELLO LIMITED	437,819.33	387,418.09	60,384.33	437,819.33	437,819.33
B-1	17A 89940 DIULLUS WAY	N/A	44-88	18-98	DEPT. B A C	DANSCIULLO	346,933.16	463,388.78	64,363.38	346,933.16	346,933.16
B-1	32A 89940 RUTHERFORD II	N/A	91-91	9-91	DEPT. B A C	INDEPENDENT.	471,233.40	363,993.40	106,246.04	471,233.40	471,233.40
B-1	34 87818 NORTHUMBERLAND II	N/A	91-91	9-91	DEPT. B A C	INDEPENDENT.	471,233.40	363,993.40	106,246.04	471,233.40	471,233.40
B-1	32 89940 STONELEA	N/A	44-88	18-98	DEPT. B A C	DANSCIULLO	346,933.16	463,388.78	64,363.38	346,933.16	346,933.16
B-1	19 86918 3371ST. & BERLIN WAY	N/A	44-88	18-98	DEPT. B A C	DANSCIULLO	346,933.16	463,388.78	64,363.38	346,933.16	346,933.16
B-1	20 86918 DRESDEN WAY	N/A	44-88	18-98	DEPT. B A C	DANSCIULLO	346,933.16	463,388.78	64,363.38	346,933.16	346,933.16
B-1	30 99911 LINDBERG	N/A	91-91	9-91	DEPT. B A C	INDEPENDENT.	471,233.40	363,993.40	106,246.04	471,233.40	471,233.40
B-1	32 81918 SPRUCE WAY	N/A	91-91	9-91	DEPT. B A C	INDEPENDENT.	471,233.40	363,993.40	106,246.04	471,233.40	471,233.40
B-1	34 87818 MASSACHUSETTS	N/A	91-91	9-91	DEPT. B A C	INDEPENDENT.	471,233.40	363,993.40	106,246.04	471,233.40	471,233.40
B-1	21 86993 FAIRLANE - MID TO OAK	N/A	1-89	61-91	DEPT. B A C	INDEPENDENT BNT.	181,323.99	138,764.08	42,317.99	181,323.99	181,323.99
B-1	23 86993 FAIRLANE - END TO SINTON	N/A	1-89	61-91	DEPT. B A C	INDEPENDENT BNT.	181,323.99	138,764.08	42,317.99	181,323.99	181,323.99
B-1	21R --- CLYDE STREET	N/A	N/A	MOTION 11-14-98	PUBLIC WORKS	ROY MILLER	873.89	873.89	0.00	873.89	873.89
B-1	38 81993 PAULSEN & PARODY	N/A	37-91	64-91	DEPT. B A C	INSITUFORMEAST	183,203.60	199,933.09	4,360.09	183,203.60	183,203.60
B-1	39 81913 MAURICE ST. - EMER.	N/A	EMER. 13-13-91	MOTION 13-13-91	DEPT. B A C	CLASSIC CONST.	38,498.60	31,416.00	3,648.00	38,498.60	38,498.60
B-1	60 91999 GOULD AVE. - EMER.	N/A	EMER. 3-4-91	MOTION 3-4-91	DEPT. B A C	INDEPENDENT BNT.	34,976.99	39,196.00	(2,113.10)	34,976.99	34,976.99
B-1	61 91902 SCHAEFER ST.	N/A	14-91	71-91	DEPT. B A C	ALLISON PARK	197,137.32	161,888.00	31,337.32	197,137.32	197,137.32
B-1	82 81913 MAURICE ST. - PHASE II	N/A	EMER. 3-4-91	MOTION 3-4-91	DEPT. B A C	PRESSURE CONC.	89,547.60	63,993.60	23,474.00	89,547.60	89,547.60
B-1	63 --- CATCH BASINS - 1993	N/A	41-91	91-91	PUBLIC WORKS	FACCIANO	447,134.87	449,394.00	37,764.87	447,134.87	447,134.87

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COMPLETED PROJECTS

CITY & URA PROJECTS

BXII. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1984 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
1984 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
A-2	5	84214	BAUM BLVD. BRIDGE	N/A	CITY	118-91	DEPT. B & C	T. MOKIS & SONS	2,348,793.38	2,362,368.00	(21,374.44)	2,348,793.36	2,348,793.36
A-2	6	---	ANDERSON ST. BRIDGE	N/A	CITY	118-91	DEPT. B & C	MOSITES	2,674.21	2,674.21	0.00	2,674.21	2,674.21
A-2	7	---	B. H. SWINDELL BRIDGE	N/A	CITY	118-91	DEPT. B & C	MOSITES	1,834.39	1,834.39	0.00	1,834.39	1,834.39
A-2	8	---	SYLVANIA AVE. BRIDGE	N/A	CITY	118-91	DEPT. B & C	O.W.B. CORP.	10,492.50	10,492.50	0.00	10,492.50	10,492.50
A-1	11	84838	SOUTH CRAIG - WATER	N/A	CITY	6-83	DEPT. B & C	OJM CONSTR.	7,631.47	7,631.47	0.00	7,631.47	7,631.47
1A-1	1AA	---	ORANT ST. - PHASE IV	N/A	CITY	---	DEPT. B & C	---	79,313.23	89,000.00	(9,686.73)	79,313.23	79,313.23
1A-2	11	---	DAVIS AVE. BRIDGE	N/A	CITY	118-91	DEPT. B & C	MID STATES STEEL	3,800.00	3,800.00	0.00	3,800.00	3,800.00
1A-2	24	---	PENNSYLVANIA AVE. BRIDGE	N/A	CITY	118-91	DEPT. B & C	CONN CONSTR.	6,400.00	6,400.00	0.00	6,400.00	6,400.00
1A-2	29A	---	PITT. TECH. - ENGR	N/A	URA	MOTION 8-3-89	URA	URA	62,776.48	62,776.48	0.00	62,776.48	62,776.48
2A-2	31	---	EAST BUSWAY - PAV	N/A	N/A	107-89	PAT	---	128,876.44	80,000.00	48,876.44	128,876.44	128,876.44
2A-2	33	---	MOSSFIELD COURT	N/A	URA	121-89	URA	URA	30,000.00	30,000.00	0.00	30,000.00	30,000.00
2A-2	37	---	LARIMER AVE. BRIDGE	N/A	CITY	118-91	DEPT. B & C	CONN CONSTR.	96,347.23	133,000.00	(36,632.73)	96,347.23	96,347.23
2A-2	38	---	MELWOOD AVE. LANDSLIDE	N/A	CITY	118-91	DEPT. B & C	MORALCO	1,717.38	1,717.38	0.00	1,717.38	1,717.38
2A-2	39	---	HANCOCK ST. STEPS	N/A	CITY	118-91	DEPT. B & C	SCIULLI BROS.	73,100.80	73,100.80	0.00	73,100.80	73,100.80
1984 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
1986 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
B-1	16	84830	SOUTH CRAIG - SEWER	N/A	CITY	6-81	DEPT. B & C	OJM CONSTR.	10,600.00	10,400.00	0.00	10,600.00	10,600.00
1B-2	11	---	BROADWAY AVENUE	N/A	CITY	16-83	DEPT. B & C	1-3AC	1,001,330.36	977,433.00	24,103.36	1,001,330.36	1,001,330.36
									716,228.03	633,278.00	82,930.83	716,228.03	716,228.03
									177,745.87	243,179.00	(67,433.13)	177,745.87	177,745.87
									966,919.63	983,747.89	(16,848.26)	966,919.63	966,919.63
TOTALS									10,876,987.76	10,321,253.24	133,734.50	10,876,987.74	10,634,987.74

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COMPLETED PROJECTS

ENGINEERING AND CONSTRUCTION MANAGEMENT

BXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN BNOR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1984 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
1984 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
ATT. A	B	---	FILTER BACKWASH	10-87	N/A	N/A	KIMBALL	N/A	0.00	0.00	0.00	0.00	0.00
ATT. A	B	---	BODSTER CL. - PLANT REHAB.	39-81	N/A	N/A	KIMBALL	N/A	141,160.47	130,000.00	11,160.47	141,160.47	141,160.47
ATT. A	B	---	PUMP STA. REHAB.	38-83	N/A	N/A	KLIENORS.	N/A	382,393.23	377,000.00	141,393.23	382,393.23	382,393.23
ATT. A	B	---	CLARIFIER COVERS	9-87	N/A	N/A	MOS. & SYRAK.	N/A	213,904.89	159,700.00	53,304.89	213,904.89	213,904.89
ATT. A	B	---	POST CL A CIEM. FBBD	8-87	N/A	N/A	O'BRIEN & OBERE	N/A	94,603.00	74,173.00	20,430.00	94,603.00	94,603.00
ATT. A	B	---	PENNDOT INSP.	N/A	N/A	N/A	PENNDOT	N/A	173,331.17	98,000.00	75,331.17	173,331.17	173,331.17
ATT. A	B	---	PENNDER PERMIT	N/A	N/A	N/A	PENNDER	N/A	9,309.92	9,309.92	0.00	9,309.92	9,309.92
ATT. A	B	---	CADD MANAGEMENT	41-91	N/A	N/A	PLANORAPHICS	N/A	100.00	100.00	0.00	100.00	100.00
ATT. 2A	B	---	ADVERTISE FOR BIDS	N/A	N/A	N/A	DEPT. B & C	N/A	90,300.00	90,300.00	0.00	90,300.00	90,300.00
ATT. 2A	B	---	FLOW MBR. - HAZELWOOD	33-89	N/A	N/A	PITOMBER	N/A	7,803.10	7,802.10	0.00	7,803.10	7,803.10
ATT. 2A	B	---	PERF. SPEC. - HIGHLAND	21-89	N/A	N/A	D A L ENOR.	N/A	6,414.17	10,000.00	(3,585.83)	6,414.17	6,414.17
ATT. 2A	B	---	SEWER DESIGN	36-91	N/A	N/A	D A L ENOR.	N/A	346,300.00	346,300.00	0.00	346,300.00	346,300.00
ATT. 2A	B	---	LIC. ADARB. - CSX	113-90	N/A	N/A	N/A	N/A	47,173.14	48,273.00	(1,102.86)	47,173.14	47,173.14
ATT. 2A	B	---	PERMIT FEB 89013	N/A	N/A	N/A	N/A	N/A	0.00	300.00	(3,000.00)	0.00	0.00
1984 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
1984 BONDS COMPLETED PROJECTS AS OF JULY 11, 1991													
ATT. B	7	---	SEWER DESIGN	6-87	N/A	N/A	DUNCAN, LAGNESSE	N/A	0.00	0.00	0.00	0.00	0.00
									237,494.33	128,621.34	48,873.01	337,494.33	237,494.33
TOTALS									3,607,700.96	3,182,700.70	425,000.26	3,607,700.96	3,607,700.96

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## COMPLETED PROJECTS

## WATER SYSTEM - DISTRIBUTION (2A-1 THRU 2A-8)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
2A-1	2A	90018	N/A	04-90	18-90	DEPT. E & C	M. DEPASQUALE	848,108.82	890,084.18	(41,975.36)	848,108.82	848,108.82
2A-1	2A	---	N/A	N/A	12-9-90	DEPT. WATER	GOLDEN TRIANGLE	81,018.00	87,878.00	3,740.00	81,018.00	81,018.00
2A-1	2B	---	N/A	N/A	8-9-90	DEPT. WATER	J-JAC	78,888.82	80,302.00	(1,413.18)	78,888.82	78,888.82
2A-1	2C	---	N/A	N/A	8-11-90	DEPT. WATER	GOLDEN TRIANGLE	71,002.38	86,714.80	(14,712.42)	71,002.38	71,002.38
2A-1	2D	---	N/A	N/A	11-17-90	DEPT. WATER	MASCARO	14,800.00	14,800.00	0.00	14,800.00	14,800.00
2A-1	2E	---	N/A	N/A	1-12-90	DEPT. WATER	GOLDEN TRIANGLE	18,878.00	18,878.00	0.00	18,878.00	18,878.00
2A-1	2F	90001	N/A	N/A	8-9-90	DEPT. E & C	J-JAC	72,008.81	82,880.78	10,871.97	72,008.81	72,008.81
2A-1	2G1	90008	N/A	N/A	8-11-90	DEPT. E & C	SPINIELLO	7,800.00	7,800.00	0.00	7,800.00	7,800.00
2A-1	2G2	90008	N/A	N/A	8-9-90	DEPT. E & C	GOLDEN TRIANGLE	4,837.00	4,837.00	0.00	4,837.00	4,837.00
2A-1	2G3	90008	N/A	N/A	8-9-90	DEPT. E & C	MILLER PIPE	18,024.00	18,024.00	0.00	18,024.00	18,024.00
2A-1	2H	---	N/A	N/A	8-14-90	DEPT. WATER	M. DEPASQUALE	77,148.17	78,118.40	970.23	77,148.17	77,148.17
2A-1	2I	---	N/A	N/A	8-14-90	DEC	GOLDEN TRIANGLE	186,848.88	118,723.80	70,125.08	186,848.88	186,848.88
2A-1	2J	---	N/A	N/A	11-8-90	DEPT. WATER	SPINIELLO	83,000.00	83,000.00	0.00	83,000.00	83,000.00
2A-1	2K	---	N/A	N/A	11-8-90	DEPT. WATER	PRICE BROTHERS	4,234.28	3,818.00	416.28	4,234.28	4,234.28
2A-1	2M	---	N/A	N/A	12-14-90	DEPT. WATER	LMU, INC.	81,100.00	83,800.00	2,700.00	81,100.00	81,100.00
2A-1	2N	---	N/A	N/A		DEPT. WATER	MAUNIEK COIL	88,870.00	13,700.00	75,170.00	88,870.00	88,870.00



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2A-B	22	90002	PILING MAIN NO. 4	N/A	90-90	114-90	DEPT. E & C	SPINIELLO	310,033.30	300,000.00	(44,898.70)	310,033.30	310,033.30
2A-B	23	90018	DE - FIFTH AVENUE	N/A	17-90	7-90	DEPT. E & C	SPINIELLO	994,390.25	1,186,900.00	(223,804.75)	994,390.25	994,390.25
TOTALS									8,740,808.18	10,078,804.41	(230,896.23)	8,740,808.18	8,740,808.18

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COMPLETED PROJECTS

WATER SYSTEM - PUMPING AND STORAGE (2A-8)

EXH. NUMBER	LINE	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
2A-8	1A	87004	METER VAULT - WEST PENN	N/A	81-87	107-87	DEPT. E & C	DAN SCIULLO	142,041.04	122,208.00	20,862.04	142,841.04	142,841.04
2A-8	2A	---	SLOPE STABIL. - HIGH NO. 2	N/A	EMER.	28-88	DEPT. E & C	NORALCO	112,840.00	106,280.00	6,560.00	112,840.00	112,840.00
2A-8	6A	80010	12 - CEMENT LINE ADP.	88-88	27-88	118-88	CHESTER	SPINIELLO	818,262.00	718,800.00	(198,348.00)	818,208.00	818,208.00
2A-8	9E	---	POLE RELOCATION	N/A	N/A	10-18-89	DEPT. E & C	DUQUESNE LT.	6,318.28	6,318.28	0.00	6,318.28	6,318.28
TOTALS									778,048.30	600,404.28	(178,408.88)	778,048.30	778,048.30

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COMPLETED PROJECTS

WATER SYSTEM - TREATMENT PLANT (2A-10)

EXH. NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENDR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
1A-10	90014	CENTRAL WAREHOUSE RECON.	N/A	EMER.	131-86	DEPT. E & C	TRIANGLE ROOFING	71,434.00	99,804.00	1,830.00	71,434.00	71,434.00
1A-10	---	REMOTE READ - WPW	N/A	113-86	56-86	DEPT. WATER	BTR WATER MEAS.	8,928.84	8,928.84	0.00	8,928.84	8,928.84
1A-10	90017	REHAB. - RAILROAD BLDING	N/A	5-80	67-80	DEPT. E & D	A. C. RAILROAD BER.	196,394.00	190,800.00	8,184.00	196,394.00	196,394.00
TOTALS								828,787.84	822,833.84	7,124.00	828,787.84	828,787.84

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COMPLETED PROJECTS

WATER SYSTEM - MISCELLANEOUS (2A-11 THRU 2A-13)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	STD RES	CONTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
2A-11	1A	GAS CHROMATOGRAPH	N/A	44-88	83-88	DEPT. WATER	HEWLETT-PACKARD	84,296.00	84,296.00	0.00	84,296.00	84,296.00
2A-11	1B	AUTOCLAVE	N/A	88-88	118-88	DEPT. WATER	AM. STERILIZER	32,186.00	32,186.00	0.00	32,186.00	32,186.00
2A-11	1C	TOXIC GAS DETECTOR	N/A	88-88	88-88	DEPT. WATER	IND. SCIENTIFIC	11,077.88	11,077.88	0.00	11,077.88	11,077.88
2A-11	1D	PIPE SAWS - 10	N/A	44-88	88-88	DEPT. WATER	IND. WAREHOUSE BU	8,870.00	8,870.00	0.00	8,870.00	8,870.00
2A-11	1E	PIPE GROOVERS	N/A	44-88	88-88	DEPT. WATER	MEYERS PLUMB & HE	32,786.00	32,786.00	0.00	32,786.00	32,786.00
2A-11	1F	VENTILATING BLOWERS	N/A	88-88	123-88	DEPT. WATER	MACHINERY RENTAL	4,218.78	4,218.78	0.00	4,218.78	4,218.78
2A-11	1G	LEAK DETECTION EQUIP.	N/A	88-88	126-88	DEPT. WATER	FLUID CONV. SYS.	10,800.00	10,800.00	0.00	10,800.00	10,800.00
2A-11	1H	PUMP ALIGNMENT SYSTEM	N/A	18-88	88-88	DEPT. WATER	IND. MAINT. SYS.	7,400.00	7,400.00	0.00	7,400.00	7,400.00
2A-11	1I	PALLET RACKING	N/A	23-88	84-88	DEPT. WATER	BECKWITH	18,018.00	18,018.00	0.00	18,018.00	18,018.00
2A-11	1J	ELECTRIC FORKLIFT	N/A	23-88	82-88	DEPT. WATER	TYGARD	18,822.00	18,822.00	0.00	18,822.00	18,822.00
2A-11	1K	ROOF FANS	N/A	23-88	88-88	DEPT. WATER	EAST - WEST	13,818.00	13,818.00	0.00	13,818.00	13,818.00
2A-11	1M	WATER SOFTENING TANKS	N/A	88-88	100-88	DEPT. WATER	HUNGERFORD & TERN	22,218.12	22,218.12	0.00	22,218.12	22,218.12
2A-11	1N	TRACTOR - BACKHOE (3)	N/A	81-88	130-88	DEPT. WATER	DOYLE EQUIP.	182,112.00	182,112.00	0.00	182,112.00	182,112.00
2A-11	1Q	TOTAL ORGANIC CARBON INSL.	N/A	113-88	33-88	DEPT. WATER	BERRELL CORP.	30,000.00	30,000.00	0.00	30,000.00	30,000.00
2A-11	2A	HYD. TRENCH BORING	N/A	71-88	117-88	DEPT. WATER	HIGHWAY EQUIP.	7,128.78	7,128.78	0.00	7,128.78	7,128.78
2A-11	2B	ACC. FOR TAP MACHINE	N/A	71-88	118-88	DEPT. WATER	U.S. PIPE & FOUNDRY	8,880.00	8,880.00	0.00	8,880.00	8,880.00
2A-11	2C	HIGH PRESSURE WASHERS	N/A	71-88	88-88	DEPT. WATER	MORRIS PAPER CO.	8,887.88	8,887.88	0.00	8,887.88	8,887.88
2A-11	2D	CONCRETE WALL DIVIDERS	N/A	71-88	84-88	DEPT. WATER	BEAVER VALLEY	8,800.00	8,800.00	0.00	8,800.00	8,800.00
2A-11	2E	TRASH PUMPS	N/A	71-88	88-88	DEPT. WATER	ATLAS EQUIP. INC.	14,882.04	14,882.04	0.00	14,882.04	14,882.04
2A-11	2F	WALL DIVIDERS	N/A	122-88	48-88	DEPT. WATER	BEAVER VALLEY	7,800.00	7,800.00	0.00	7,800.00	7,800.00
2A-11	2G	TRAVELING SCREENS	N/A	71-88	88-88	DEPT. WATER	ENVIREX	48,844.00	48,844.00	0.00	48,844.00	48,844.00
2A-11	2H	CHLORINE ANALYZER	N/A	N/A	MOTION 10-18-88	DEPT. WATER	J.M. McILLOH	8,840.00	8,840.00	0.00	8,840.00	8,840.00

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2A-11	2J	---	LEAK DETECTION	N/A	90-90	180-90	DEPT. WATER	HYDRA-BTOP	90,420.00	0.00	90,420.00	90,420.00
2A-11	2L	---	CLAY DIGGER	N/A	90-90	3-91	DEPT. WATER	MACH. RENTAL	11,718.00	0.00	11,718.00	11,718.00
2A-11	2M	---	ROCK DRILLS	N/A	90-90	3-91	DEPT. WATER	DOYLE EQUIP.	18,806.00	0.00	18,806.00	18,806.00
2A-11	2N	---	PNEUMATIC PIERCING TOOLS	N/A	132-90	81-91	DEPT. WATER	HOIHWAY EQUIP. CO.	13,306.00	0.00	13,306.00	13,306.00
2A-11	2A	---	LINE STOPPING EQUIPMENT	N/A	78-99	180-99	DEPT. WATER	HYDRO-BTOP	47,878.00	(9,000.00)	47,878.00	47,878.00
2A-11	2B	---	LEAD CAL. BATTERIES	N/A	48-99	96-99	DEPT. WATER	EXIDE CORP.	4,814.00	0.00	4,814.00	4,814.00
2A-11	2C	---	BACKHOES (2)	N/A	113-99	124-99	DEPT. WATER	DOYLE EQUIP.	173,366.00	0.00	173,366.00	173,366.00
2A-11	2D	---	VACUUM PUMPS (2)	N/A	78-99	27-99	DEPT. WATER	HUBBARD PUMP	11,848.00	0.00	11,848.00	11,848.00
2A-12	1A	---	TAPS FOR PITOMETERS	N/A	N/A	MOTION 7-14-99	DEPT. E & C	DEPASQUALE	9,800.00	0.00	9,800.00	9,800.00
2A-12	2A	---	ANA. OF CHLORINE BYE.	N/A	N/A	134-99	CHESTER	N/A	18,206.44	(441.99)	18,206.44	18,206.44
TOTALS									927,770.36	(9,000.00)	927,770.36	927,770.36



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28-1	26M	---	BOUNDARY ST. - INSP.	N/A	N/A	MOTION PUBLIC WORKS	ROBINSON PIPE	10,802.40	10,800.00	(27.80)	10,802.40	10,802.40	
28-1	26N	---	JONCARE ST.	N/A	N/A	MOTION PUBLIC WORKS	L. VIGLIONE	88,186.83	88,186.83	0.00	88,186.83	88,186.83	
28-1	26P	---	NORTH NEVILLE - EMEF.	N/A	N/A	MOTION DEPT. WATER	FACCHIANO	86,233.12	86,230.00	8,003.12	86,233.12	86,233.12	
28-1	26Q	---	BROOK & BECKS RUN	N/A	N/A	MOTION PUBLIC WORKS	INDEPENDENT ENT.	80,184.48	82,280.00	7,904.48	80,184.48	80,184.48	
28-1	27	87007	PARKWOOD, DANIELS & GOLDBACK	N/A	88-88	103-88	DEPT. E & C	DAN SCIULLO	488,408.80	430,867.14	88,752.78	488,408.80	488,408.80
28-1	28	87008	COUTH EIGHTH	N/A	28-88	87-88	DEPT. E & C	PRESSURE CONCRET	481,818.87	284,044.00	87,472.87	481,818.87	481,818.87
	30	87017	BUTLER ST.										
28-1	28	87008	DIULLUS WAY	N/A	34-88	102-88	DEPT. E & C	TEDESCO & SON	181,018.03	138,038.00	48,983.03	181,018.03	181,018.03
	48	87008	NORTHUMBERLAND		88-88								
28-1	28	88018	WOOD - 8TH TO RIVER	N/A	8-88	80-88	DEPT. E & C	PRESSURE CONCRET	208,770.00	204,020.00	1,780.00	208,770.00	208,770.00
28-1	41	---	HOWARD ST.	N/A	CITY	MOTION DEPT. E & C	TRUMBALL	1,430,820.88	1,200,000.00	230,820.88	1,430,820.88	1,430,820.88	
28-1	48	88008	MISC. SEWERS	N/A	44-88	81-88	DEPT. E & C	DOMINIC NICASIO	1,834,848.81	1,828,888.00	408,862.81	1,834,848.81	1,834,848.81
	18	88008	ULYSSES										
	18	88008	SARAHAC										
	23	88008	RUTHERFORD										
	43	88008	NINE MILE RUN										
	44	88008	WEYMAN RUN										
	48	88008	DEPMAN RD.										
	48	88008	DARRAGH ST. - II										
	47	88008	THEONA & RODGERS										
28-1	81	88011	DARRAGH ST. - III	N/A	83-88	88-88	DEPT. E & C	FRADICON CORP.	108,484.88	108,880.00	(1,100.14)	108,484.88	108,484.88
28-1	88A	87012	DIV. CH. - DORCHESTER	N/A	40-88	128-88	DEPT. E & C	ALLIBON PARK	84,882.80	87,883.00	(3,320.40)	84,882.80	84,882.80
								TOTAL B	7,834,888.87	8,884,884.88	848,888.81	7,834,888.87	7,834,888.87

THE PITTSBURGH WATER AND SEWER AUTHORITY  
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COMPLETED PROJECTS

SEWER SYSTEM - EXISTING SEWERS (2B-1)

EXH. NUMBER	LINE NUMBER	CITY NUMBER	DESCRIPTION	DESIGN RES	910 RES	CONTR. RES	DESIGN ENDR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGOR ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
2B-1	1	90002	WEST FRUIT ROAD & THEODORE	N/A	71-84	101-84	DEPT. E & C	FACCHIANO	204,818.48	253,800.00	2,418.48	204,818.48	222,818.48
2B-1	3	---	CATCH BASINS 87-88	N/A	103-87	1-88	PUBLIC WORKS	FACCHIANO	53,181.10	274,870.00	48,921.10	53,181.10	68,181.10
2B-1	4	---	CATCH BASINS 88-89	N/A	113-88	9-89	PUBLIC WORKS	FACCHIANO	399,808.70	848,314.00	80,378.70	399,808.70	599,808.70
2B-1	12	90081	DIV. CRT. - RT. 81 & WASHINGTON	N/A	40-84	88-88	DEPT. E & C	COLIBIMO	130,000.00	132,490.00	2,490.00	130,000.00	138,000.00
2B-1	21	90004	BARTLETT ST. SEWER	N/A	44-84	90-84	DEPT. E & C	TEDESCO CONTR.	1,012,438.25	1,098,328.00	(73,889.75)	1,012,438.25	1,018,438.25
2B-1	20A	---	KENT WAY EMERGENCY	N/A	N/A	MOTION 8/10/84	DEPT. E & C	DAN SCULLO	109,234.89	109,234.89	0.00	109,234.89	109,234.89
2B-1	20B	---	42ND STREET - EMERGENCY	N/A	N/A	MOTION 8/12/84	PUBLIC WORKS	L. VIOLIONE	47,080.00	47,080.00	0.00	47,080.00	47,080.00
2B-1	20C	---	NANSEN ST. - EMER.	N/A	N/A	MOTION 10/14/84	PUBLIC WORKS	L. VIOLIONE	48,238.80	86,448.00	(7,209.20)	48,238.80	48,238.80
2B-1	20D	---	MT. WASH. - SAW MILL RUN	N/A	EMER.	18-88	DEPT. E & C	A & L, INC.	81,440.00	21,440.00	0.00	81,440.00	81,440.00
2B-1	20E	---	COAST AVE. - EMER.	N/A	N/A	MOTION 7-14-88	PUBLIC WORKS	M. FACCHIANO	27,804.70	17,040.00	10,484.70	27,804.70	27,804.70
2B-1	20F	---	HEPMAN ST. - EMER.	N/A	N/A	MOTION 8-1-88	PUBLIC WORKS	CILENTI	109,478.28	49,478.00	90,001.28	109,478.28	109,478.28
2B-1	20G	---	HEPMAN ST. - GRAVE RENO.	N/A	N/A	MOTION 11-17-88	PUBLIC WORKS	O'BRIEN'S	3,240.00	8,840.00	0.00	3,240.00	3,240.00
2B-1	20H	---	LAMARCO ST. - EMER.	N/A	N/A	MOTION 12-8-90	PUBLIC WORKS	L. VIOLIONE	42,082.80	36,700.00	8,382.80	42,082.80	42,082.80
2B-1	20I	---	PANTHER HOLLOW - EMER.	N/A	N/A	MOTION 10-8-80	PUBLIC WORKS	FACCHIANO	47,181.80	100,000.00	(52,818.20)	47,181.80	47,181.80
2B-1	20J	---	HOLLYWOOD ST. - EMER.	N/A	N/A	MOTION 8-8-80	PUBLIC WORKS	DICK CORP.	36,821.00	43,818.00	(7,997.00)	36,821.00	36,821.00
2B-1	20K	---	48ND ST. SEWER - EMER.	N/A	N/A	MOTION 8-8-80	PUBLIC WORKS	L. VIOLIONE	110,863.84	100,000.00	10,863.84	110,863.84	110,863.84
2B-1	20L	---	BRINGTON RD. - EMER.	N/A	N/A	MOTION 7-13-80	PUBLIC WORKS	INSTITUTION EAST	83,992.00	96,187.00	436.00	83,992.00	83,992.00

THE PITTSBURGH WATER AND SEWER AUTHORITY  
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COMPLETED PROJECTS

SEWER SYSTEM - OTHER CITY PROJECTS (20-2)

X11. SER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
8-2	1A	GRANT ST. - PHASE IV	N/A	CITY	81-88	DEPT. E & C	COLOSIMO	718,228.00	833,278.00	82,000.00	718,228.00	718,228.00
TOTALS								718,228.00	833,278.00	82,000.00	718,228.00	718,228.00

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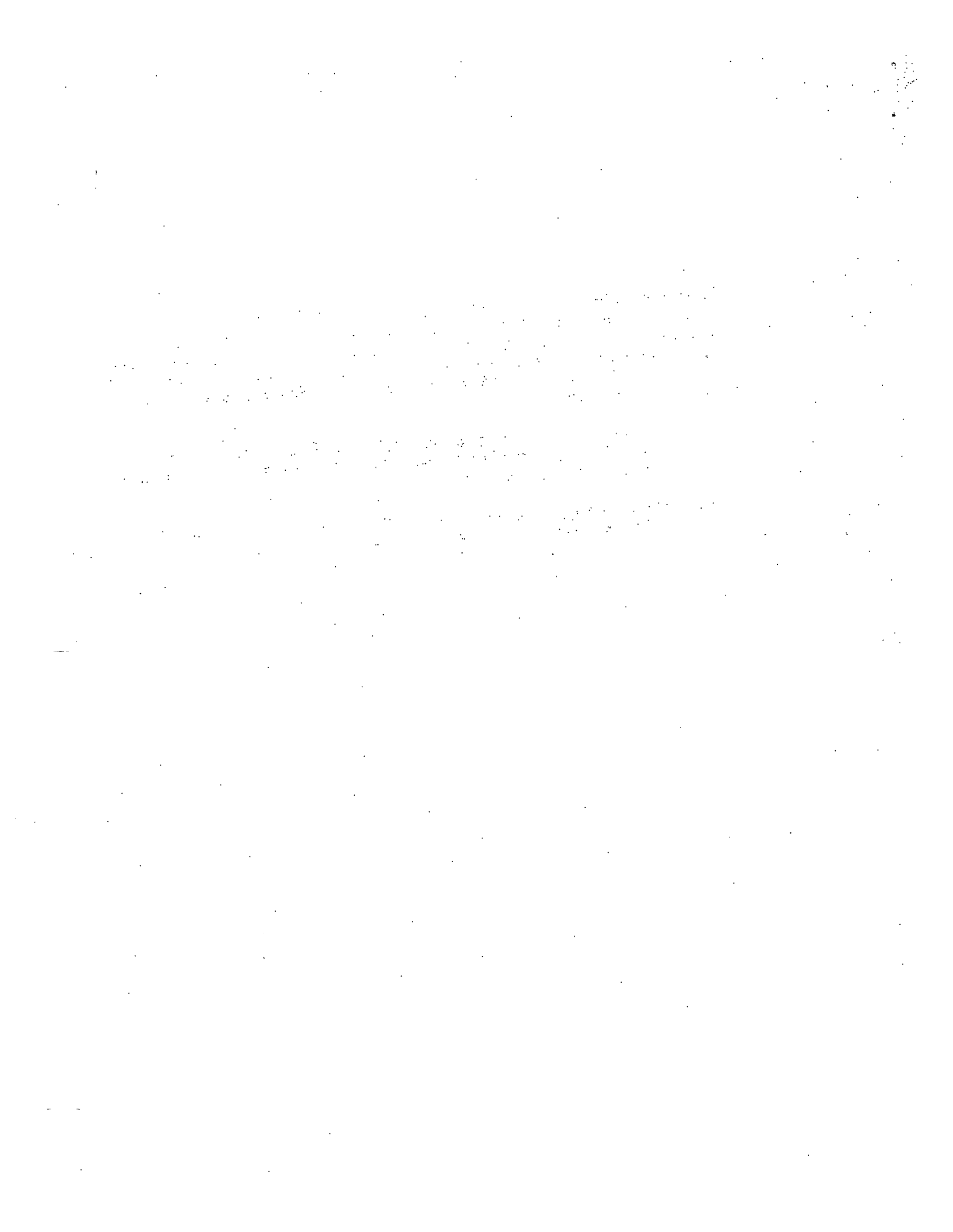
COMPLETED PROJECTS  
 SEWER SYSTEM - EXTENSIONS (28-3)

EXH. NUMBER	CITY LINE NUMBER	DESCRIPTION	DESIGN RES	BID RES	CONSTR RES	DESIGN ENGR.	CONTRACTOR	BUDGET	ORIGINAL CONT. AMT.	CHANGE ORDERS TO DATE	CONTR. TO DATE	PAYMENTS TO DATE
		NONE TO DATE						0.00	0.00	0.00	0.00	0.00
TOTALS								0.00	0.00	0.00	0.00	0.00

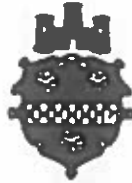
The Pittsburgh Water and Sewer Authority or the City of Pittsburgh has rights-of-way, permits, intermunicipal agreements and license agreements with various property owners, railroads, city authorities, local municipalities, local municipal authorities, county authorities, state agencies and federal agencies that are necessary to own, operate and maintain the applicable water and sewer facilities of the Pittsburgh Water and Sewer Authority and City of Pittsburgh. Specifically, this includes but is not limited to:

Pennsylvania Department of Environmental Protection (formerly Pennsylvania Department of Environmental Resources): Permits for construction and operation of water treatment and storage facilities; permits for construction of sewer system.

Allegheny County Sanitary Authority (ALCOSAN): Intermunicipal agreements for use of the ALCOSAN interceptor and sewage treatment plant system.



**EXHIBIT E**



CITY OF PITTSBURGH  
DIRECT DIAL:  
(412) 255-2010

Department of Law

March 20, 1995

Tom Murphy  
Mayor

Jacqueline R. Morrow  
City Solicitor

Maher Duessel  
1200 Two Chatham Center  
Pittsburgh, PA 15219

RE: Audit of the Financial Statements of The  
Pittsburgh Water and Sewer Authority for  
year ended December 31, 1994

Dear Sirs:

Please be advised as follows in connection with your audit of the financial statements of The Pittsburgh Water and Sewer Authority for the year ended December 31, 1994.

There are outstanding seventeen (17) claims of which the aggregate monetary claims relating thereto are in the amount of \$20,898.00. Of the seventeen (17) claims, nine (9) claimants have not submitted any monetary amount on account of the damages they claim to have sustained. Accordingly, the aforesaid \$20,898.00 does not include any allowance for such eight (8) claims. At this time we have no reason to believe that any of such nine claims or the aggregate thereof would have a material impact upon the Authority's operations. None of the nine (9) claims for which a dollar amount has been claimed is in excess of \$10,000.00.

The following lawsuits could involve liability in excess of \$10,000.00:

1. R.A. Glancy and Sons, Inc. v. The Authority, Greeley and Hansen, No. GD91-03597

This case involves a claim for \$185,193, plus interest, for alleged misrepresentations in connection with a construction contract. The case has been scheduled for

MaHer Duessel  
March 20, 1995  
Page -2-

trial on the May trial list and we cannot predict the outcome at this time.

2. Mascatiello Construction Co. v. The Authority, No. GD91-11898

This case involves a claim by plaintiff for approximately \$34,400, resulting from plaintiff's contention that the Authority's specifications in connection with braces in a sewer trench were inaccurate or misleading. The Authority disagrees and will defend vigorously. The Court of Common Pleas granted summary judgment in favor of the Authority based upon a clause in the contract which vests in the Director the power to decide disputes such as the one involved in this case. The plaintiff appealed the summary judgment to Commonwealth Court, which reversed and remanded the case to the Court of Common Pleas for trial based on a conclusion that the clause had been waived. The Authority has filed a Petition for Allowance of Appeal to the Supreme Court, which petition is pending.

3. Joseph B. Fay v. ICOS Corp., et al. v. Authority, third party defendant v. O'Brien-Kreitzberg & Assoc., No. CA91-864.

This case involves a claim which is based upon a recently amended third party complaint in the amount of \$1,600,000 by ICOS, the Authority's general contractor, against the Authority, in connection with allegations that alleged inaccurate plans describing elevations around the Highland Reservoir resulted in additional costs of construction of a slurry trench. Discovery has been concluded, and it is now the Authority's intention to contest filing of the amended complaint. The case was transferred to a new judge, and the parties have filed Motions for Summary Judgment which are now pending.

4. Williams, et al. v. The Authority, Pittsburgh Housing Authority and ALCOSAN, No. GD94-1645.

This case involves the allegation that toxic fumes from raw sewage leaked from basement pipes in a Housing Authority building and exposed a tenant to hydrogen sulfide gas thereby causing respiratory problems. The complaint

MaHer Duesse1  
March 20, 1995  
Page -3-

includes a claim for damages in excess of \$25,000, however, that is a form demand and there is no basis upon which to determine the merits of it. At this stage of the case we cannot predict the outcome. W

5. Perri v. City of Pittsburgh, Allegheny County Sanitary Authority, Baldwin Township, Dormont Borough and Municipality of Mount Lebanon, No. GD94-172-92.

This case involves a claim for overflowing manholes and backups of sewage within the sewer line along McNeilly Road on to the property of the plaintiff. Plaintiff alleges that there has been a history for over ten years of such overflowing. Although the claim is in excess of \$25,000.00, information to date indicates that if there is any liability it may be the joint liability of all defendants. At this time, we anticipate that any liability of the Authority would not exceed \$10,000.00, but we have insufficient information at this time to predict the outcome. immaterial


It is our intention to contest vigorously those cases which are in litigation. It is difficult to evaluate the range of potential loss because such claims against the Authority typically involve claims for damage to personal property in households and precise valuations are difficult to obtain. Also, some of the claims involve alleged damage to real property and there is usually a question as to the reasonable and fair cost of repairs. Historically we have been able to negotiate reasonable settlements of such claims.

This will confirm that whenever, in the course of performing legal services for the Authority with respect to a matter recognized to involve an unasserted claim or assessment that may require financial statement disclosure, and we have formed a professional conclusion that the Authority must disclose or consider disclosure of any such possible claim or assessment in its financial statements, as a matter of professional responsibility to the Authority, we will so advise it and consult with it concerning the question of such disclosure and the applicable requirements of Statement of Financial Accounting Standards No. 5.

Maher Duesel  
March 20, 1995  
Page -4-

The above information is as of the date hereof.

Very truly yours,

  
Jacqueline R. Morrow  
City Solicitor

JRM:GRS:mp

cc: Glenn M. Cannon, Executive Director  
Pittsburgh Water & Sewer Authority



**EXHIBIT F**



Maher Duessel  
March 20, 1995  
Page -2-

trial on the May trial list and we cannot predict the outcome at this time.

2. Mdscatiello Construction Co. v. The Authority, No. GD91-11898

This case involves a claim by plaintiff for approximately \$34,400, resulting from plaintiff's contention that the Authority's specifications in connection with braces in a sewer trench were inaccurate or misleading. The Authority disagrees and will defend vigorously. The Court of Common Pleas granted summary judgment in favor of the Authority based upon a clause in the contract which vests in the Director the power to decide disputes such as the one involved in this case. The plaintiff appealed the summary judgment to Commonwealth Court, which reversed and remanded the case to the Court of Common Pleas for trial based on a conclusion that the clause had been waived. The Authority has filed a Petition for Allowance of Appeal to the Supreme Court, which petition is pending.

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This case involves the allegation that toxic fumes from raw sewage leaked from basement pipes in a Housing Authority building and exposed a tenant to hydrogen sulfide gas thereby causing respiratory problems. The complaint

MaHER DuesSEL  
March 20, 1995  
Page -3-

includes a claim for damages in excess of \$25,000, however, that is a form demand and there is no basis upon which to determine the merits of it. At this stage of the case we cannot predict the outcome. V

5. Perri v. City of Pittsburgh, Allegheny County Sanitary Authority, Baldwin Township, Dormont Borough and Municipality of Mount Lebanon, No. GD94-172-92.

This case involves a claim for overflowing manholes and backups of sewage within the sewer line along McNeilly Road on to the property of the plaintiff. Plaintiff alleges that there has been a history for over ten years of such overflowing. Although the claim is in excess of \$25,000.00, information to date indicates that if there is any liability it may be the joint liability of all defendants. At this time, we anticipate that any liability of the Authority would not exceed \$10,000.00, but we have insufficient information at this time to predict the outcome. immaterial


It is our intention to contest vigorously those cases which are in litigation. It is difficult to evaluate the range of potential loss because such claims against the Authority typically involve claims for damage to personal property in households and precise valuations are difficult to obtain. Also, some of the claims involve alleged damage to real property and there is usually a question as to the reasonable and fair cost of repairs. Historically we have been able to negotiate reasonable settlements of such claims.

This will confirm that whenever, in the course of performing legal services for the Authority with respect to a matter recognized to involve an unasserted claim or assessment that may require financial statement disclosure, and we have formed a professional conclusion that the Authority must disclose or consider disclosure of any such possible claim or assessment in its financial statements, as a matter of professional responsibility to the Authority, we will so advise it and consult with it concerning the question of such disclosure and the applicable requirements of Statement of Financial Accounting Standards No. 5.

Maher Duessel  
March 20, 1995  
Page -4-

The above information is as of the date hereof.

Very truly yours,



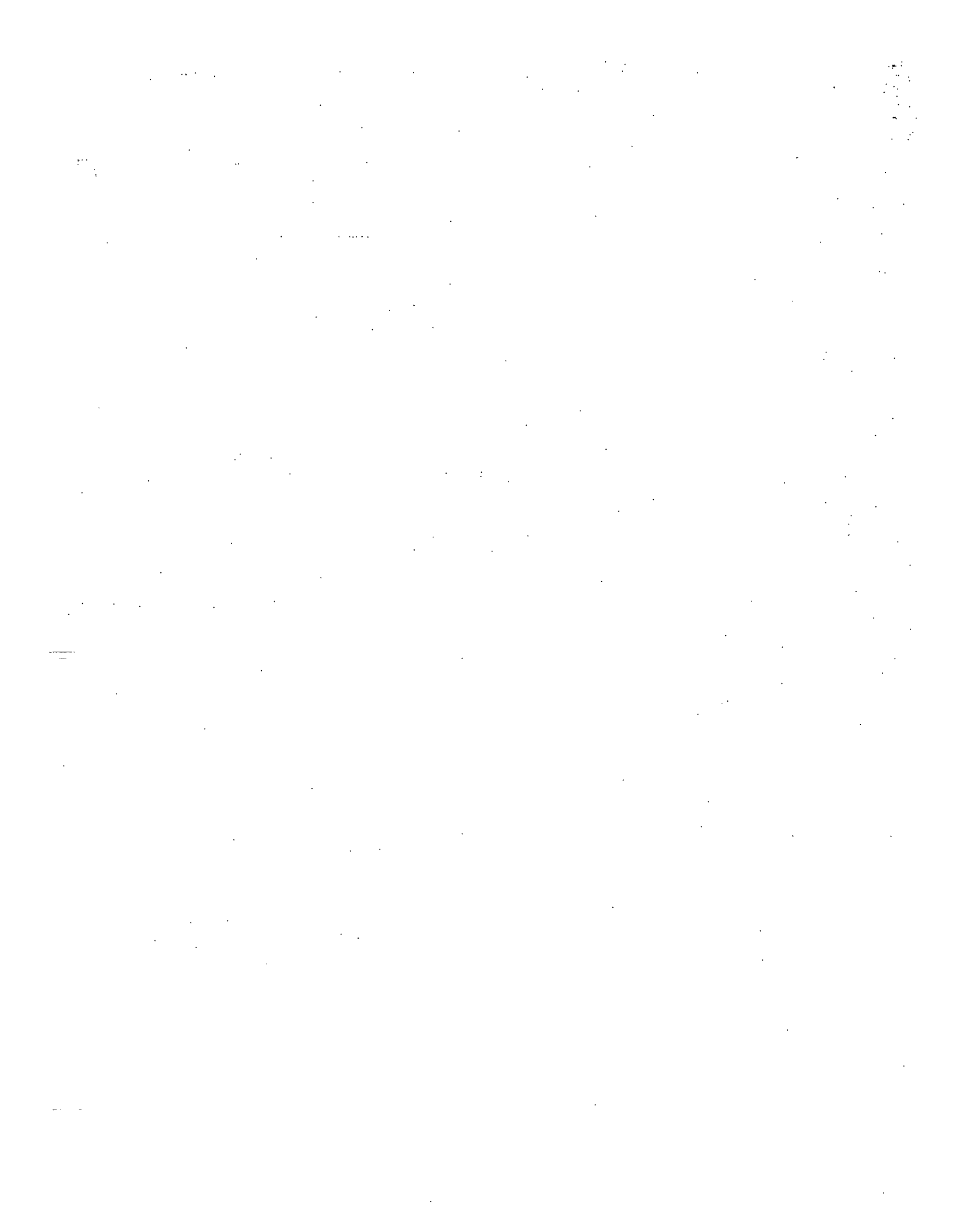
Handwritten signature of Jacqueline R. Morrow in cursive script.

Jacqueline R. Morrow  
City Solicitor

JRM:GRS:mp

cc: Glenn M. Cannon, Executive Director  
Pittsburgh Water & Sewer Authority

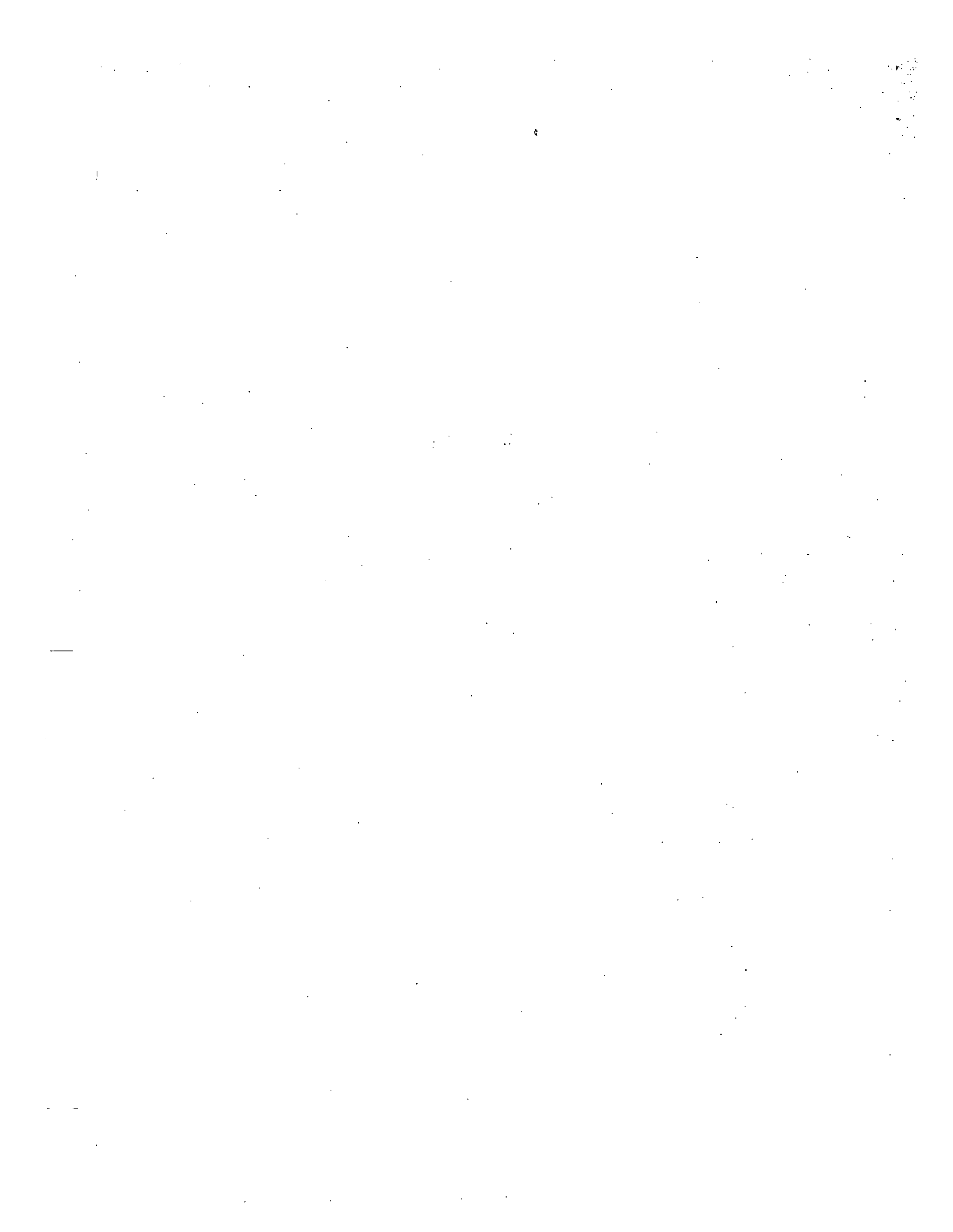
**EXHIBIT G**



The City is aware that under the Pennsylvania Safe Drinking Water Act, 35 P.S. 721, all open reservoirs containing finished water must be covered by December 31, 1995.



**EXHIBIT H**



# THE PITTSBURGH WATER AND SEWER AUTHORITY

---

Glenn M. Cannon  
Executive Director

441 Smithfield Street  
Pittsburgh, PA 15222  
412-255-8949  
FAX 412-255-2978

March 10, 1995

Maher Duessel  
Certified Public Accountants  
1200 Two Chatham Center  
Pittsburgh, PA 15219

Ladies and Gentlemen:

By letter dated January 18, 1995, the Authority has requested that I furnish you with certain information in connection with your examination of the financial statements of the Authority as of December 31, 1993, to include matters that existed at December 31, 1994 and for the period from that date to the date of this letter.

This letter is effective as of the date above.

This response is limited to matters involving my professional engagement as solicitor for the Authority and does not include information received in any other role. I have made no independent review of any of the transactions or contractual arrangements of the Authority for purposes of this response. However, you should be aware that Sections B and G of paragraph IX of the Lease and Management Agreement between the City of Pittsburgh and the Authority, dated March 29, 1984, but effective as of May 1, 1984, provide, respectively, that the City of Pittsburgh assumes responsibility for all claims, demands, lawsuits and judgments arising on or after the effective date of the Agreement; that the City indemnifies and agrees to defend the Authority from and against such claims; and that the City may include the cost of indemnification and insurance in Direct Expenses or Indirect Expenses as appropriate.

A self insured Escrow Fund (general liability) was budgeted pursuant to Resolution No. 50 of 1987, adopted April 10, 1987. Claims are generally processed through the City of Pittsburgh Department of Law, which also handles the defense of lawsuits pursuant to Paragraph IX.B. of the Lease and Management Agreement.

1. Pending or Threatened Litigation, Claims and Assessments (excluding unasserted claims and assessments).

Because claims are processed through the City of Pittsburgh Department of Law which also handles the defense of lawsuits pursuant to Paragraph IX.B. of the Lease and Management Agreement, I have not devoted substantive attention to the above matters. I suggest that you communicate with the City of Pittsburgh Department of Law as to litigation filed against the Authority and as to any pending or threatened litigation, claims and assessments.

As previously noted, the litigation matters are being handled by the City of Pittsburgh Law Department. In addition, it is likely that claims have been filed in the Claims Division of the City Law Department related to The Pittsburgh Water and Sewer Authority. Accordingly, I suggest that you communicate with the City of Pittsburgh Law Department as to any and all matters filed against the Authority

Maher Duesell  
March 10, 1995  
Page -2-

and/or the City and as to any pending or threatening litigation, claims and assessments.

2. Unasserted Claims or Assessments.

I am not aware of any unasserted claims or assessments and suggest that you communicate with the City Law Department to determine whether it has any information with respect to this subject.

This will confirm that, whenever in the course of performing legal services for the Authority with respect to a matter recognized to involve an unasserted possible claim or assessment that may call for financial statement disclosure and to which I have given substantive attention, I have been specifically requested by the Authority to form and have in fact formed a professional conclusion that the Authority must disclose or consider disclosure concerning such possible claim or assessment, I, as a matter of professional responsibility to the Authority, will so advise the Authority and will consult with the Authority concerning the question of such disclosure and applicable requirements of Statement of Financial Accounting Standards No. 5. The foregoing applies only to the Authority's audited financial statements and only to unasserted possible claims or assessments which the Authority considers material under the criteria set forth in the Authority's letter to me dated January 18, 1995.

3. Existence of Authority. It is my opinion that the Authority is duly organized and validly existing under the laws of the Commonwealth of Pennsylvania.

4. Material Litigation Etc., Settled. As previously noted, litigation matters are being handled by the City of Pittsburgh Law Department. I suggest that you communicate with the City of Pittsburgh Law Department as to any and all matters settled on behalf of the Authority.

5. Changes in Capitalization and Long-Term Debt. On October 1, 1993, the Authority adopted Resolution No. 95, providing for the authorization, issuance and sale of \$278,970,000, Water and Sewer System Revenue Refunding Bonds, Series A of 1993 and \$10,785,000, Water and Sewer System Revenue Bonds, Series B of 1993. The closing took place on November 16, 1993. Further details of this transaction may be obtained from Dean F. Richardson, Esquire of Eckert Seamans Cherin & Mellott, who served as bond counsel to the Authority. It is my opinion that the outstanding long-term debt obligations of the Authority are duly and validly issued and are binding and legal obligations of the Authority.

I express no opinion with respect to contingent liabilities except as may be specifically set forth in this letter or as to matters not specifically referred to herein, and under no circumstances are you to infer from anything stated or not stated herein any opinion with respect thereto.

The information set forth in this letter is given as of December 31, 1994 and as of the date of this letter, and I assume no obligation to advise you of changes or additions which may hereafter be brought to my attention.

This response is further limited by the ABA Statement of Policy Regarding Lawyers' Response to Auditors' Requests for Information (December 8, 1975); without limiting the generality of the foregoing, the limitations set forth in such statement on the scope and use of this response (paragraphs 2 and 7) are specifically incorporated herein by reference, and any description herein.

05-02-1995 01:18PM

FROM MAHER DUESSEL 471-5500

TO

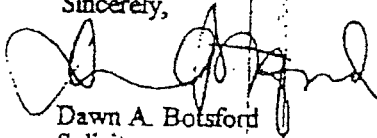
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Maher Duesell  
March 10, 1995  
Page -3-

of any "loss contingencies" is qualified in its entirety by paragraph 5 of the Statement and the accompanying Commentary (which is an integral part of the Statement).

This letter is solely for your information in connection with your audit of the financial statements of the Authority and is not to be quoted in whole or in part or otherwise referred to in any financial statements of the Authority or related documents, nor is it to be filed with or furnished to any governmental agency or any other person without my prior written consent.

Sincerely,



Dawn A. Botsford  
Solicitor

DAB/bbw

cc: Glenn M. Cannon, Executive Director  
The Pittsburgh Water and Sewer Authority  
Jacqueline Morrow, Esquire, City Solicitor,  
City of Pittsburgh





# City of Pittsburgh

DIRECT DIAL:  
(412) 255-2010

Department of Law

March 20, 1995

*Tom Murphy*  
*Mayor*

*Jacqueline R. Morrow*  
*City Solicitor*

Maher Duessel  
1200 Two Chatham Center  
Pittsburgh, PA 15219

RE: Audit of the Financial Statements of The  
Pittsburgh Water and Sewer Authority for  
year ended December 31, 1994

Dear Sirs:

Please be advised as follows in connection with your audit of the financial statements of The Pittsburgh Water and Sewer Authority for the year ended December 31, 1994.

There are outstanding seventeen (17) claims of which the aggregate monetary claims relating thereto are in the amount of \$20,898.00. Of the seventeen (17) claims, nine (9) claimants have not submitted any monetary amount on account of the damages they claim to have sustained. Accordingly, the aforesaid \$20,898.00 does not include any allowance for such eight (8) claims. At this time we have no reason to believe that any of such nine claims or the aggregate thereof would have a material impact upon the Authority's operations. None of the nine (9) claims for which a dollar amount has been claimed is in excess of \$10,000.00.

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Maheer Duessel  
March 20, 1995  
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Maher Dussel  
March 20, 1995  
Page -3-

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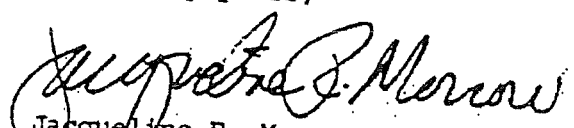
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Maher Duesse  
March 20, 1995  
Page -4-

The above information is as of the date hereof.

Very truly yours,

  
Jacqueline R. Morrow  
City Solicitor

JRM:GRS:mp

cc: Glenn M. Cannon, Executive Director  
Pittsburgh Water & Sewer Authority

**CERTIFICATE OF SERVICE**

I hereby certify that I served a copy of the foregoing Public Utility Municipal Contract - Bill of Sale, Assignment, and Indenture (Stormwater Assets) between The City of Pittsburgh and The Pittsburgh Water and Sewer Authority d/b/a Pittsburgh Water - upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

**Via Email Only (due to the current pandemic emergency)**

Darryl Lawrence  
Office of Consumer Advocate  
ra-oca@paoca.org

NazAarah Sabree  
Office of Small Business Advocate  
nsabree@pa.gov  
ra-sba@pa.gov

Allison Kaster  
Bureau of Investigation and Enforcement  
akaster@pa.gov

Dated: December 18, 2025

/s/ Monica Walaan \_\_\_\_\_  
Monica Walaan, Esq.  
Chief Legal Officer  
The Pittsburgh Water and Sewer Authority  
d/b/a Pittsburgh Water