

April 4, 2011

VIA HAND DELIVERY

Mr. E. Curtis Gassert
Director, Water/Sewer Division
Indiana Utility Regulatory Commission
PNC Center
101 West Washington Street, Suite 1500 East
Indianapolis, Indiana 46204

RECEIVED
APR 04 2011
INDIANA UTILITY
REGULATORY COMMISSION

Re: 30-Day Filing for Indianapolis Department of Waterworks Proposing to Add an Inspection Fee to its Tariff

Dear Mr. Gassert:

Pursuant to 170 IAC 1-6-3(1), (4) and (7) and as ordered by the Indiana Utility Regulatory Commission (the "Commission") in its Final Order in Cause No. 43645 issued on February 2, 2011 (the "Order"), the Indianapolis Department of Waterworks (the "Department") hereby submits this 30-Day filing (the "Filing") to request the addition of a \$5.50 per linear foot review and inspection fee (the "Inspection Fee") to its tariff.

The purpose of the Inspection Fee is to cover the costs of ensuring that the performance of a developer-installed water main is in accordance with the Department's *Standard Practice and Engineering Requirements for the Installation of Water Mains, Service Lines, Meters and Appurtenances*. The Inspection Fee was originally implemented by the Department's predecessor, the Indianapolis Water Company, and is intended to cover the costs of the following services:

- 1) Application review and analysis;
- 2) Conduct a design review, including hydraulic modeling and identification of easements;
- 3) Facilitate and review application for Notice of Intent to Indiana Department of Environmental Management;
- 4) Facilitate main extension contracts;
- 5) Inspect materials prior to the start of job at pre-construction meeting;
- 6) Daily inspections to ensure compliance with construction standards;
- 7) Sampling and disinfection following construction;
- 8) Oversee the entire hydrostatic test;
- 9) Once the new main is released for final connection, review the following documentation:
 - a) Record final plat with street;
 - b) Final cost sheet;
 - c) Transfer of ownership;

- d) Certificate of insurance;
 - e) Maintenance bonds;
 - f) Release of liens;
 - g) As-built drawings with details; and
 - h) Plumber's permit application (tap request);
- 10) Monitor the contractor's activities during the final, physical connection to existing main;
- 11) Enter records into geographic information system and other databases and record the easement;
- 12) Conduct a final quality assurance inspection prior to the release of the maintenance bond; and
- 13) Annual review of main extension agreements for subsequent connections for 10 years following installation.

The Inspection Fee has remained unchanged since 1995. Based upon the continuing importance of the Inspection Fee's role in ensuring the reliability of Department's service to its customers, the Department is seeking Commission approval for its inclusion when the Department's tariff.

In the Order, the Commission found that the Department's cost justification to support the Inspection Fee, which included a list of staff positions at current rates and hours worked, was inadequate, as it explained neither the relationship between the duties of the listed positions to the proposed Inspection Fee nor the reasonableness of the cost rates and hours justification. The Commission directed the Department to file, within sixty (60) days of the Order, a 30-Day filing that contains adequate cost support for the Inspection Fee. Accordingly, this Filing has been submitted on or before April 4, 2011. The following cost support is attached:

- 1) Exhibit E of the Department's Response to Docket Entry Issued on February 23, 2010;
- 2) Memorandum from Veolia Water Indianapolis, LLC ("Veolia") to the Department, dated March 17, 2011, with the following attachments:
 - a) Position Descriptions, which describes the duties and responsibilities of the staff involved in a new development main project that includes the installation of mains, hydrants and valves, which are installed by a developer (a "J-Job");
 - b) Main Extension Criteria for Processing New Mains and Main Extension Criteria Process Flow, which describe the sampling and analysis activities performed on new mains before they can be placed in service; and
 - c) Capital Projects J-Job Process Flow and FS-Inspector Process Flow, which show the activities for J-Jobs and identifies the staff members, using the numbers from the Positions Descriptions, that are responsible for such activities.
- 3) Memorandum from Veolia to the Department, dated March 30, 2011, with the following attachments:
 - a) A recent analysis of 2010 costs related to J-Job Inspection; and
 - b) A 2006 study updated with current year labor rates.

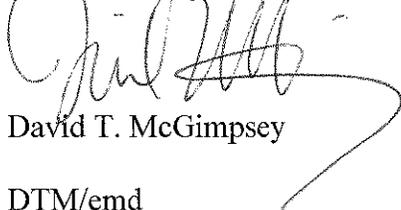
The Department believes the attached documentation establishes the necessary relationship between the staff positions and hours worked, as well as the reasonableness of the cost rates and hours worked.

Pursuant to 170 IAC 1-6-5, the following documents are also attached:

- 1) Contact information sheet;
- 2) Current tariff sheet;
- 3) Proposed tariff sheet; and
- 4) Verified statement by the Department that affected customers have been notified as required under 170 IAC 1-6-6.

The Department appreciates your assistance in processing this request through the Commission's Thirty-Day filing procedures. Please, contact me at (317) 686-5232 with any questions regarding this matter.

Very truly yours,



David T. McGimpsey

DTM/emd
Attachments

cc: Office of the Utility Consumer Counselor
Matthew T. Klein, Esq.
Lauren R. Toppen, Esq.

ATTACHMENTS

Exhibit E of the Department's Response to Docket Entry Issued on February 23, 2010

EXHIBIT E

Calculation of J-Job Management and Inspection cost per foot of water main installed

Position	Rate	Department	Number of Employees	Avg. Hours Per Week	Annual Cost	Vehicle Hours
Hydraulic Analyst	\$ 92.00	Asset Management	2	20	\$ 191,360.00	
Accountant	\$ 107.00	Capital Projects	1	2	\$ 11,128.00	
Administrative Assistant	\$ 66.00	Capital Projects	1	5	\$ 17,160.00	
Administrative Clerk	\$ 66.00	Capital Projects	4	15	\$ 205,920.00	
Construction Inspector	\$ 107.00	Capital Projects	4	40	\$ 890,240.00	8320
Construction Supervisor	\$ 107.00	Capital Projects	4	4	\$ 89,024.00	832
Design Technician	\$ 83.00	Capital Projects	4	15	\$ 258,960.00	
Estimator (Refund Analyst)	\$ 123.00	Capital Projects	1	20	\$ 127,920.00	
GIS Technician	\$ 83.00	Capital Projects	2	20	\$ 172,640.00	
Intern	\$ 44.00	Capital Projects	2	10	\$ 45,760.00	1040
Project Manager	\$ 123.00	Capital Projects	4	2	\$ 51,168.00	
Field Service Tech 1	\$ 73.20	Field Services	1	3	\$ 11,419.20	
Field Service Tech 2	\$ 73.20	Field Services	5	8	\$ 152,256.00	2080
Field Service Tech 5	\$ 73.20	Field Services	5	2	\$ 38,064.00	520
FS Group Leader 1	\$ 78.70	Field Services	2	2	\$ 16,369.60	208
FS Planning Specialist	\$ 107.00	Field Services	1	3	\$ 16,692.00	
FS Planning Technician	\$ 73.20	Field Services	1	24	\$ 91,353.60	
FS Tech Helper	\$ 60.60	Field Services	5	2	\$ 31,512.00	
Maintenance Supervisor	\$ 107.00	Field Services	3	4	\$ 66,768.00	824
Laborer 2	\$ 62.30	Field Services	2	2	\$ 12,958.40	
Prod Group Leader 1	\$ 78.70	Purification	1	32.5	\$ 133,003.00	1690
Production Tech 1	\$ 71.00	Purification	1	21.5	\$ 79,378.00	
Senior Chemist	\$ 153.00	Purification	1	5	\$ 39,780.00	
Senior Microbiologist	\$ 153.00	Purification	1	11	\$ 87,516.00	
Rate Calculation						
(Includes construction inspection, engineering review, hydraulic analysis, water quality analyses, valve operation, warranty inspection, contract administration, easement coordination, etc.)					\$ 2,838,349.80	
			Cost / MG	Total MG		
Water Usage			\$ 392.00	446	174,832.00	
			Cost / Hr	Hours		
Vehicle Maintenance			\$ 4.00	15,314	61,256.00	
Misc Equipment (tools, tracing, sterilization, etc.)					5,000.00	
Field Services (leaks after bond expires)					250,000.00	
Management (not included in labor cost) 10%					283,834.98	
Total Annual Cost *					\$ 3,613,272.78	
* Actual 2006 footage of mains and time adjusted to reflect 2009 rates					Footage *	
					266,115 Linear Feet	
			Number / Emp.	Hours / Wk	Hours / Year	Cost *
			58	273	15834	\$13.58 per foot

Memorandum from Veolia Water Indianapolis, LLC to Department, dated March 17, 2011

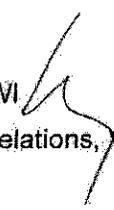


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Memo

TO : Matt Klein, Executive Director, DOW

FROM : Antoine Boo, Chief Operating Officer, VWI 

CC: Kathy Baumes, VP Finance and Client Relations, VWI
Ed Malone – VP Operations, VWI
Eric Robben – Senior Counsel, VWI

DATE : March 17, 2011

SUBJECT : VWI cost support of inspection fee

This memo is being provided in response to your February 18, 2011 memo seeking "financial justification" for the proposed \$13.58 per foot inspection fee. In providing this information, Veolia Water Indianapolis, LLC ("VWI") reserves the right to make corrections and/or supplement any information provided in this response as may be necessary and/or appropriate.

In its February 2, 2011 Order in Cause No. 43645, the Indiana Utility Regulatory Commission ("Commission") stated as follows:

The Commission finds that the Department's proposed cost justification is inadequate to support the \$5.50 per foot Inspection Fee. While the Department provided a description of costs that the Inspection Fee was intended to cover along with a list of positions at current rates and hours worked, nothing was provided to explain the relationship between the duties of the positions to the proposed Inspection Fee nor the reasonableness of the cost rates and hours justification. (Finding Paragraph No.10)

Ordering paragraph No. 5 of this Order further required the Department to "make a Thirty-Day filing, in accordance with 170 IAC 1-6 et. seq., that provides adequate cost support for its proposed inspection fee." As additional support for this inspection fee Veolia Water Indianapolis, LLC, offers the following and attached information.

First, we offer the attached document, Position Descriptions, which explains the duties and responsibilities of each of the positions listed in the cost document provided to the DOW. This sheet clarifies the role that each person plays in the developer-installed main process and as an example includes the following entry:

Administrative Clerk	Coordinates with developer all project documentation including final plat, final cost sheet, transfer of ownership, maintenance bonds, release of liens; address listing and as built drawings; processing of close-out and creates tap card data base
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In addition, we have included "Main Extension Criteria for Processing New Mains" and a Main Extension Criteria Process Flow. These two documents describe sampling and analysis activities performed on new mains before they can be placed in service. These activities are performed by the positions described on line 21-24 of the Position Description document. These documents are intended to provide the link needed between the positions listed and the activities required.

Also provided are process flow charts for both the overall "J-Job" process and more specifically for the Field Service Inspector with regard to J-Jobs. Each Position Description number has been identified with its respective activity on these two internal Veolia process flow documents.

In addition there are costs incurred for repairs or other miscellaneous issues in the field for J-Jobs that need rework after the transition of the assets to the DOW. These include issues such as backfill that does not meet DOW standards or where appropriate materials are not used. Other management costs include tracking and facilitating developer refunds, management, and all other related overhead costs.

It should be noted that because of the recent decline in developer activity and the nature of the underlying costs the per-foot costs have actually increased since the time this analysis was done. Changes in the level of developer activity result in continual adjustment of the number of staff allocated to these activities. Current low levels of developer activity yield a higher cost per foot than shown by the Department in its response to the IURC. The costs provided were the result of an analysis for which the objective was to determine the actual costs and labor rates required to perform these services in a time of normal activity. This analysis resulted in the cost per foot description provided to the Department.

These numbers are presented and believed to be a reasonable representation of normalized costs related to this activity. The number of hours and staff may change due to activity levels, but the per-foot calculation is deemed a reasonable benchmark assuming that many costs are variable. A minimum level of staffing and support is required to do the activities described in the attachments to this memo. Periods of low development activity tend to yield a higher cost per foot for this reason.

I believe the attached information addresses your request for additional support for the filing with the I.U.R.C. Let me know if Veolia can provide further information.

Position Descriptions

ID	Position	"J" Project Duties
1	Hydraulic Analyst	Hydraulic modeling for each project specific to that project and the distribution system
2	Accountant	Review and entry of final cost sheet
3	Administrative Assistant	Creates project folders and releases project for construction (Currently added to Admin. Clerks duties)
4	Administrative Clerk	Coordinates with developer all project documentation including final plat, final cost sheet, transfer of ownership, maintenance bonds, release of liens, address listing and as built drawings; processing of close-out and creates tap card data base
5	Construction Inspector	The inspector for installation of the project, includes kick-off meetings, material approval, daily inspections, oversees hydrostatic testing and creates construction records
6	Construction Supervisor	Substitutes as needed for the Construction Inspector performing the same duties
7	Design Technician	Coordinates with Developers' design firm the drawings for installation of the project; reviews the design, easement, IDEM permit application and creates contract; when contracts are signed distributes to the proper area
8	Estimator (Refund Analyst)	Reviews all installed projects for a period of ten years annually on the in-service date for possible revenue allowance refunds and subsequent connector refunds; creates refund spreadsheet and sends to accounting for refund processing
9	GIS Technician	Enters all project records into Geographic Information System and other data bases, including pipe, valves, hydrants, fittings and easements
10	Intern	Assist in hydrostatic testing and recoding of information as required
11	Project Manager	Reviews final project plan
12	Field Service Tech 1	Logging of samples and creating work orders
13	Field Service Tech 2	Works with FS Group Leader 1 inspections and verifying tracing wire
14	Field Service Tech 5	Notifies customers and performs water outages as needed to connect project to the distribution system
15	FS Group Leader 1	Verify tracing wire on projects and inspects as needed
16	FS Planning Specialist	Scheduled final inspections and reviews after completion
17	FS Planning Technician	Maintains spreadsheet tracking bond information and expiration dates; creates work orders for inspections as needed before bond expires
18	FS Tech Helper	Works with Field Service Tech 5 for notification of customers and water outages as needed to connect project to the distribution system
19	Maintenance Supervisor	Manages inspection crews
20	Laborer 2	Assist with sampling and disinfection after construction is complete
21	Prod Group Leader 1	Sampling and disinfection after construction is complete
22	Production Tech 1	Assist with sampling and disinfection after construction is complete
23	Senior Chemist	Performs test on water samples received from projects
24	Senior Microbiologist	Reviews projects for sterilization and oversees test on water samples received from projects

Created on 1/20/2004

Revised 8/29/05

Revised 10/05/08

MAIN EXTENSION CRITERIA FOR PROCESSING NEW MAINS

I. *New mains will be prepared for sampling by one of the two following methods:*

1. Flushing:

Existing dead-end mains shall be flushed until the water appears clear prior to connection of the new extension or perpendicular connection from the existing main. Upon completion of the main installation, the entire new system shall be thoroughly flushed. Following flushing, water samples shall be taken on 2 days and submitted for analysis.

2. Chlorination:

Chlorination shall be requested under the following conditions:

- A. When the main is 12" or larger in diameter and over 500 ft. in length
- B. When the main may be contaminated by ground or surface water
(crossing under a creek or stream)
- C. When the laboratory tests taken from the supply end of the extension indicates that flushing will not result in satisfactory disinfection.

II. *New mains will analyzed for the following:*

1. Coliform bacteria (Finished Water IDEXX Colilert Method)
2. Heterotrophic bacteria (HPC Method)
3. Turbidity; Chlorine residual; Odor

III. *Satisfactory results are indicated by the following allowing release of main extension:*

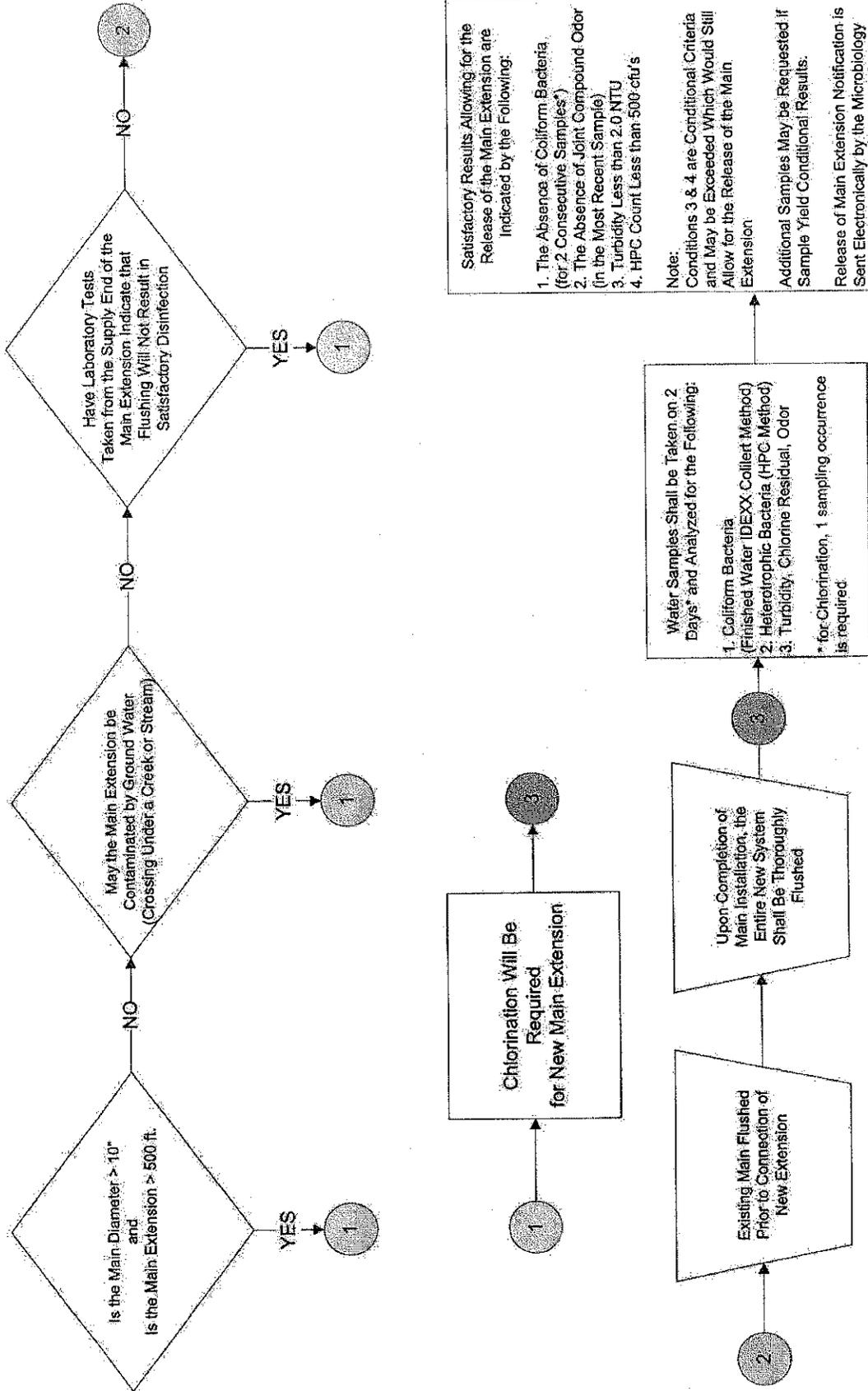
1. The Absence of Coliform Bacteria
2. The absence of Joint Compound odor in the most recent sample
3. Turbidity less than 2.0 NTU
4. HPC count less than 500 cfu's
(Conditions 3 and 4 are conditional criteria and may be exceeded which would still allow for release of the main extension)
5. Additional samples may be requested if samples yield conditional results.

IV. *Release notification is sent electronically by the Microbiology Lab to a specific list of people in various departments.*



Main Extension Criteria (for water quality processing of new mains)

7/1/08, Process Flow Revision 1.1 (original document created 1/20/04 and revised 8/29/05, 10/19/07)



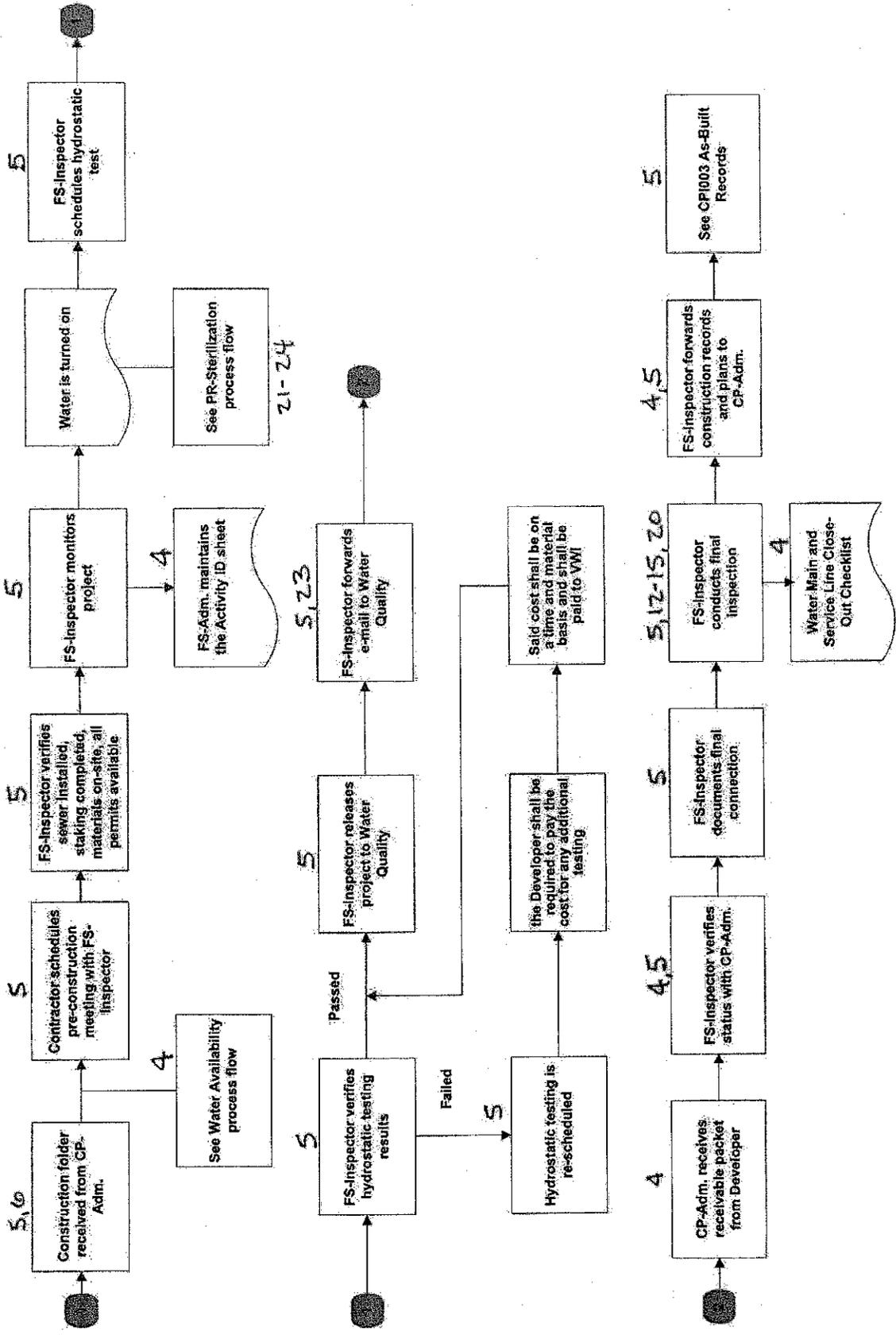
ALL 20-24



FS-Inspector Process, J-Jobs only

July 16, 2007, Revision 1.0

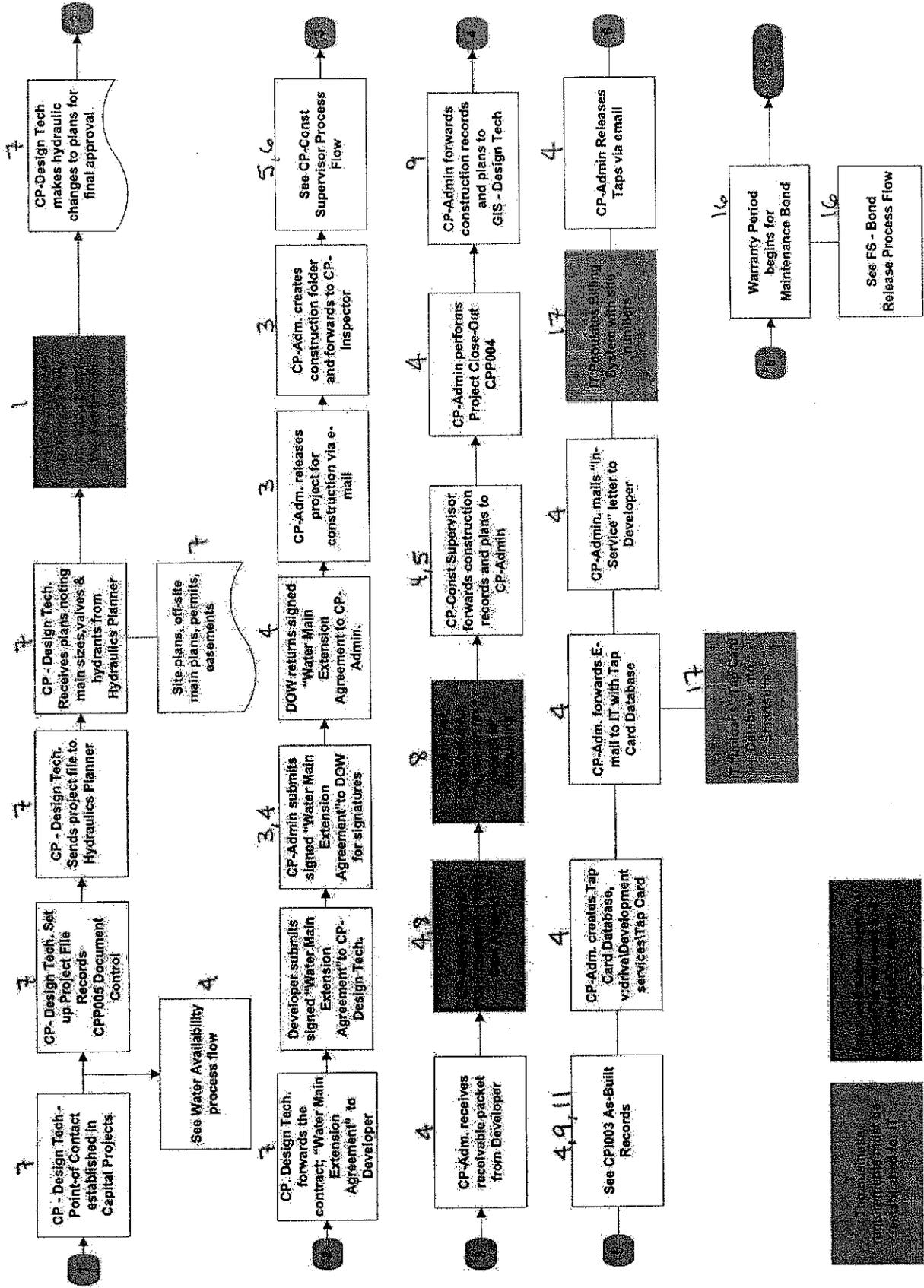
Definition of Job: A new development main project that includes the installation of mains, hydrants and valves, which are installed by a Developer and transferred to the Department of Waterworks (DOW) after completion and can be both residential or commercial projects.





Capital Projects - J-Job Process

December 12, 2009, Revision 1.5



Memorandum from Veolia Water Indianapolis, LLC to Department, dated March 30, 2011



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Memo

TO : Matt Klein, Executive Director, DOW

FROM : Antoine Boo, Chief Operating Officer, VWI

CC: Kathy Baumes, VP Finance and Client Relations, VWI
Ed Malone – VP Operations, VWI
Eric Robben – Senior Counsel, VWI

DATE : March 30, 2011

SUBJECT : DOW - Inspection Fee

This document is being provided in response to your March 18, 2011 email seeking additional specificity regarding the expenses incurred by Veolia Water Indianapolis associated with J-Job Inspection and Management. Veolia Water Indianapolis, LLC ("VWI") reserves the right to make corrections and/or supplement any information provided in this response as may be necessary and/or appropriate.

Included in this document are:

- A recent analysis of 2010 costs related to J Job Inspection;
- An updated version of the 2006 activity updated for current costs and with the available documentation for hours included.

Both analyses could be relevant to the DOW's case as one represents a year with very limited development and the other represents a more normalized level of development for J Jobs. If you would like further discussion on the information let me know.

The original information provided to the DOW in February 2010 was the result of a study using data from a 2006 on activity related to J Job inspection. This 2006 study was simply updated to the current year labor rates. The original objective of this study was for Veolia Water Indianapolis to understand what it actually costs to support this activity. Much of the information was collected by interviewing employees. The attached new analysis differs from the original, mainly because of the below changes/updates:

- Estimates of headcount and hours worked have been converted into FTE's using actual data from our PeopleSoft accounting system (some hours may be missing if not booked correctly by employees vs. what they stated in interviews previously);
- The labor rates have been adjusted to what has been approved by DOW;
- The cost per MG of water used has been adjusted for 2010 information;
- The miles of pipe has been shown as an average of Project In Service feet of pipe and Project Date for the year (neither is perfect, the average is assumed to be reasonable);
- The Vehicle cost per hour has been updated for the most recent information;
- The Field Service average cost was recalculated and justification is provided.

In order to facilitate the DOW's 30 day filing requirement regarding J-Job Inspection Fee related costs, VWI has prepared the enclosed information which should be helpful in responding to the IURC's February 2 Order. The following is included:

- A calculation of the cost per foot of water main installed for 2010 with detail as follows:
 - Labor Rates by Job Title;
 - Summary of Hours by Job Title;
 - Detail of hours by Job Title;
 - Estimates by salaried employees who do not allocate time as to time spent on J-Job activity;
 - Average Main Repair Costs for 6" to 20" Main repair;
 - Average number of J Job Repairs after transfer to DOW;
 - Other Assumptions;
 - Average Footage Installed by Year.
- A calculation of the cost per foot of water main installed in 2006 at 2010 Costs
 - Labor rates are as per above;
 - Summary of 2006 Hours by Job Title;
 - Detail of 2006 hours by Job Title;
 - Salaried employees estimates were done by interview in 2006;
 - Average Main Repair costs, J Job Repairs, Other assumptions same as above.

Also included in the enclosed documentation is VWI's response to the DOW from March 17, 2011. This document includes a description of the work activity by position as well as process flow charts linking each position to its corresponding activity.

Thus the attached documentation shows a 2010 cost of \$15.51 / foot and a 2010 cost at 2006 activity levels of \$9.51 / foot.

VWI is willing to meet and discuss, or to provide additional information as needed in order to respond to the DOW's needs relating to the 30 day filing.

2010 Calculation of J-Job Management and Inspection cost per foot of water main installed

Position	Rate	Department	Full Time		Annual Cost	Vehicle Hours
			Equivalent Employees	Total labor hours		
Hydraulic Analyst	\$93.00	Asset Management	0.0	20.0	\$1,860.00	
Accountant	\$107.00	Capital Projects	0.0	20.0	\$2,140.00	
Administrative Clerk	\$66.00	Capital Projects	0.1	196.0	\$12,836.00	
Construction Supervisor	\$107.50	Capital Projects	0.5	860.0	\$95,675.00	890
Design Technician	\$83.00	Capital Projects	0.2	356.0	\$29,548.00	
Estimator (Refund Analyst)	\$123.50	Capital Projects	0.4	832.5	\$102,813.75	
GIS Technician	\$83.00	Capital Projects	0.1	115.0	\$9,545.00	
Intern	\$44.00	Capital Projects	0.0	0.0	\$0.00	0
Project Manager	\$123.50	Capital Projects	0.0	87.0	\$10,744.50	
Field Service Tech 1	\$73.00	Field Services	0.0	50.5	\$3,696.50	
Field Service Tech 2	\$73.00	Field Services	0.1	157.0	\$11,461.00	157
Field Service Tech 5	\$73.00	Field Services	0.0	0.0	\$0.00	0
FS Group Leader 1	\$78.80	Field Services	0.0	0.0	\$0.00	0
FS Planning Specialist	\$107.00	Field Services	0.0	0.0	\$0.00	
FS Planning Technician	\$73.00	Field Services	0.0	75.0	\$5,475.00	
FS Tech Helper	\$60.50	Field Services	0.0	0.0	\$0.00	
Maintenance Supervisor	\$107.50	Field Services	0.0	0.0	\$0.00	0
Laborer 2	\$62.50	Field Services	0.0	0.0	\$0.00	
Prof. Group Leader 1	\$78.80	Purification	0.0	0.0	\$0.00	0
Production Tech 1	\$71.00	Purification	0.0	0.0	\$0.00	
Senior Chemist	\$153.00	Purification	0.0	46.5	\$7,114.50	
Senior Microbiologist	\$153.00	Purification	0.0	23.3	\$3,557.25	
Vocals Water: Buiden Labor (Inspection, Eng., Hydraulics, Water Quality Valve Oper., etc.)						
Water Usage			Cost / MG	Total MG		\$286,556.50
			\$270.47	58.9		\$15,923.37
Vehicle Operation/Maintenance Costs			Cost / Hr	Hours		\$5,748.03
			\$5.49	1,047		\$5,000.00
Misc Equipment (tools, tracing, sterilization, etc.)						\$50,489.00
Field Services (Leads after bond expires)						\$29,655.65
Management (not included in labor cost) 10%						\$443,372.55
Total Annual Cost						
\$443,372.55						
2010 Footage						
28,593						
Cost / FT						
\$15.51						

Number FTE	1.5
Hours / Year / FTE	1,960.0
Total Hours	2,940.0

Current Labor Rates
Unchanged from 2009

Position	Department	2009 Labor Rates from Billing Spreadsheet
Hydraulic Analyst	Asset Management	\$93.00
Accountant	Capital Projects	\$107.00
Administrative Assistant	Capital Projects	\$66.00
Administrative Clerk	Capital Projects	\$66.00
Construction Inspector	Capital Projects	\$107.50
Construction Supervisor	Capital Projects	\$107.50
Design Technician	Capital Projects	\$83.00
Estimator (Refund Analysis)	Capital Projects	\$123.50
GIS Technician	Capital Projects	\$83.00
Intern	Capital Projects	\$44.00
Project Manager	Capital Projects	\$123.50
Field Service Tech 1	Field Services	\$73.00
Field Service Tech 2	Field Services	\$73.00
Field Service Tech 5	Field Services	\$73.00
FS Group Leader 1	Field Services	\$78.80
FS Planning Specialist	Field Services	\$107.00
FS Planning Technician	Field Services	\$73.00
FS Tech Helper	Field Services	\$60.50
Maintenance Supervisor	Field Services	\$107.50
Laborer 2	Field Services	\$62.50
Prod Group Leader 1	Purification	\$78.80
Production Tech 1	Purification	\$71.00
Senior Chemist	Purification	\$153.50
Senior Microbiologist	Purification	\$153.50

Billing Rates Provided by Veolia CPM

Summary of Labor Hours
 Full Year 2010 per PeopleSoft

J Job Labor 2010	
Sum of Sum Quantity	Total
Job Title	
Design Technician	356
Estimator (Refund Analyst)	832.5
Field Service Tech 1	50.5
Field Service Tech 2	167
Project Manager	87
Construction Inspector	890
Hydraulic Analyst	20
Administrative Clerk	196
Grand Total	2689

Unit	ID	Job Title	DeptID	Prod	Proj	End Date	Sum Quantity
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J06 2006 J Jobs	2010-04-02	4.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-01-22	1.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J06 2006 J Jobs	2010-02-05	27.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J06 2006 J Jobs	2010-02-19	10.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J06 2006 J Jobs	2010-03-05	8.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-01-22	19.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-01-22	5.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-01-22	1.50
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-03-05	2.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-04-16	1.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-02-19	2.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J08 2008 J Jobs	2010-04-02	4.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-01-22	1.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-03-05	3.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-03-18	3.50
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-04-02	9.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-04-16	7.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-04-30	11.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-05-14	2.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-05-28	12.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-06-11	25.50
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-06-25	15.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-05-14	6.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-05-28	14.00
IWC	114058	Hydraulic Analyst	100503 Asset Management	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-03-05	20.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-03-19	2.00
IWC	114058	Design Technician	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-25	72.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-25	34.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-01-08	40.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-01-22	56.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-02-05	52.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-03-05	24.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-03-19	46.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-04-02	34.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-04-16	26.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-04-30	18.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-05-14	40.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-05-28	32.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-06-11	48.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-06-25	28.00
IWC	114058	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-19	2.00
IWC	114101	Field Service Tech 2	100301 Maintenance	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-25	7.00
IWC	114101	Field Service Tech 2	100301 Maintenance	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-25	50.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-01-22	16.00
IWC	114236	Field Service Tech 1	100301 Maintenance	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-19	4.00
IWC	114237	Field Service Tech 2	100301 Maintenance	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-19	0.50
IWC	114294	Field Service Tech 1	100103 Water Quality	900110 J Project Development	TIME&LABOR Time & Labor Interface	2009-12-19	1.00

Unit	ID	Job Title	DeptID	Proj	End Date	Sum Quantity
IWC	114294	Field Service Tech 1	100103	Water Quality	2010-01-09	5.00
IWC	114300	Field Service Tech 2	138103	Lab	2010-01-09	5.00
IWC	114300	Field Service Tech 2	138103	Lab	2010-02-13	3.00
IWC	114300	Field Service Tech 2	138103	Lab	2010-02-27	1.00
IWC	114300	Field Service Tech 2	138103	Lab	2010-03-06	1.00
IWC	114315	Field Service Tech 1	138103	Lab	2009-12-26	4.00
IWC	114315	Field Service Tech 1	138103	Lab	2010-01-09	4.00
IWC	114315	Field Service Tech 1	138103	Lab	2010-02-13	1.50
IWC	114055	Design Technician	100501	Construction	2010-08-20	0.50
IWC	114233	Construction Inspector	100501	Construction	2010-12-10	2.00
IWC	114055	Design Technician	100501	Construction	2010-09-03	6.00
IWC	114055	Design Technician	100501	Construction	2010-08-17	2.00
IWC	114055	Design Technician	100501	Construction	2010-10-15	7.00
IWC	114055	Design Technician	100501	Construction	2010-07-23	0.50
IWC	114055	Design Technician	100501	Construction	2010-08-06	1.00
IWC	114055	Design Technician	100501	Construction	2010-08-20	0.50
IWC	114055	Design Technician	100501	Construction	2010-08-03	5.00
IWC	114233	Construction Inspector	100501	Construction	2010-10-01	0.50
IWC	114233	Construction Inspector	100501	Construction	2010-07-23	18.00
IWC	114233	Construction Inspector	100501	Construction	2010-08-06	5.00
IWC	114233	Construction Inspector	100501	Construction	2010-08-20	11.00
IWC	114233	Construction Inspector	100501	Construction	2010-09-03	10.00
IWC	114233	Construction Inspector	100501	Construction	2010-10-15	11.00
IWC	114233	Construction Inspector	100501	Construction	2010-10-29	3.00
IWC	114410	Administrative Clerk	100501	Construction	2010-07-08	5.00
IWC	114410	Administrative Clerk	100501	Construction	2010-08-17	4.00
IWC	114410	Administrative Clerk	100501	Construction	2010-08-08	2.00
IWC	114410	Administrative Clerk	100501	Construction	2010-08-03	1.00
IWC	114410	Administrative Clerk	100501	Construction	2010-10-01	3.00
IWC	114410	Administrative Clerk	100501	Construction	2010-10-29	2.00
IWC	114410	Administrative Clerk	100501	Construction	2010-11-12	4.00
IWC	114410	Administrative Clerk	100501	Construction	2010-11-26	5.50
IWC	114055	Design Technician	100501	Construction	2010-09-03	6.00
IWC	114055	Design Technician	100501	Construction	2010-08-20	7.50
IWC	114055	Design Technician	100501	Construction	2010-07-09	27.50
IWC	114055	Design Technician	100501	Construction	2010-07-23	14.50
IWC	114055	Design Technician	100501	Construction	2010-08-06	17.00
IWC	114055	Design Technician	100501	Construction	2010-08-20	13.00
IWC	114055	Design Technician	100501	Construction	2010-09-03	11.50
IWC	114055	Design Technician	100501	Construction	2010-08-17	17.00
IWC	114055	Design Technician	100501	Construction	2010-10-01	10.00
IWC	114055	Design Technician	100501	Construction	2010-10-15	3.00
IWC	114055	Design Technician	100501	Construction	2010-10-29	20.50
IWC	114055	Design Technician	100501	Construction	2010-11-12	2.50
IWC	114055	Design Technician	100501	Construction	2010-11-26	10.50
IWC	114055	Design Technician	100501	Construction	2010-12-10	1.50
IWC	114055	Design Technician	100501	Construction	2010-10-15	9.00

Unit	ID	Job Title	ExpID	Prod	Proj	End Date	Sum Quantity
IWC	114084	Project Manager	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-11-12	8.00
IWC	114084	Project Manager	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-09-17	11.00
IWC	114084	Project Manager	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-10-01	5.00
IWC	114084	Project Manager	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-11-12	11.00
IWC	114188	Field Service Tech 2	100501 Maintenance	900110 J Project Development	J10 2010 J Jobs	2010-12-04	2.50
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-07-23	14.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-09-05	16.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-08-20	29.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-09-03	72.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-08-17	72.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-10-01	80.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-10-16	85.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-10-29	61.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-11-12	7.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-11-26	64.00
IWC	114233	Construction Inspector	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-12-10	24.00
IWC	114233	Construction Inspector	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-11-12	73.00
IWC	114300	Field Service Tech 2	138103 Lab	900110 J Project Development	J10 2010 J Jobs	2010-11-13	8.00
IWC	114300	Field Service Tech 2	138103 Lab	900110 J Project Development	J10 2010 J Jobs	2010-11-20	1.00
IWC	114300	Field Service Tech 2	138103 Lab	900110 J Project Development	J10 2010 J Jobs	2010-11-13	1.00
IWC	114300	Field Service Tech 2	138103 Lab	900110 J Project Development	J10 2010 J Jobs	2010-09-17	2.00
IWC	114410	Administrative Clerk	100501 Construction	901103 Construction	J10 2010 J Jobs	2010-10-15	2.00
IWC	114410	Administrative Clerk	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-08-05	2.00
IWC	114410	Administrative Clerk	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-08-20	2.00
IWC	114410	Administrative Clerk	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-08-03	6.00
IWC	114410	Administrative Clerk	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-10-15	4.00
IWC	114410	Administrative Clerk	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-10-29	3.50
IWC	114410	Administrative Clerk	100501 Construction	900110 J Project Development	J10 2010 J Jobs	2010-11-12	13.50
IWC	114049	Project Manager	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-09-03	3.00
IWC	114049	Project Manager	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-09-17	5.00
IWC	114049	Project Manager	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-10-01	6.00
IWC	114049	Project Manager	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-10-15	5.00
IWC	114049	Project Manager	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-11-12	5.00
IWC	114049	Project Manager	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-11-26	5.00
IWC	114049	Project Manager	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-12-10	10.00
IWC	114055	Design Technician	100503 Asset Management	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-07-23	4.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-07-09	10.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-07-23	24.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-08-06	39.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-08-20	30.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-09-03	2.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-09-17	30.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-10-01	40.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-10-15	30.50
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-10-29	36.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-11-12	36.00
IWC	114085	Estimator (Refund Analyst)	100501 Construction	900110 J Project Development	TIME&LABOR Time & Labor Interface	2010-11-26	42.00

Email from Monday March 28th to Kathy Baumes

Kathy,

The time that I spent on J-jobs in 2010 is estimated, but I think that it is around 115 hours. If you need any more information please let me know.

Thanks!
Heather

Heather K. Taylor, GISP
GIS Engineering Technician
Asset Management
Veolia Water Indianapolis, LLC
1220 Waterway Blvd
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(317)264-7735
heather.taylor@veoliawaterma.com
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Kathy,

Have you included the time for these jobs for our chlorination and/or flushing, sampling, etc.? That time should be in Kronos. Also, when chlorinations are required, there is the cost of HTH or hypochlorite to include.

In addition to the bacteriology cost, the turbidity cost is \$6 per sample, and the odor cost is \$10 per sample. That includes the analysts' time.

Mark A Gray
Laboratory Manager
Veolia Water Indianapolis
317-941-7147 (O)
317-506-2239 (

Kathy,

In 2010, I was just learning how to do refunds. I only had about 20 hrs for J-Jobs in 2010.

Thanks.

Abby Cudworth
Cost Control Analyst
Veolia Water Indianapolis, LLC

1220 Waterway Blvd.
Indianapolis, IN 46202
Office: 317-263-6307

Kathy,

This is my best estimate time about 75 hours for the year.

Sandy Briggs
Field Service Planning Tech
Veolia Water Indianapolis, LLC
1220 Waterway Boulevard
Indianapolis, IN 46202
Phone: 317.263.6453
Fax: 317.263.6453
sandy.briggs@veoliawaterna.com
www.indianapoliswater.com

Per our phone conversation, I looked at our J job sampling for 2010. The laboratory processed 93 samples related to J jobs in 2010. Lab expendables would be \$10 per sample at cost. My time associated with running each sample would be 15 minutes each. Dan Rabb's time is more, at 30 minutes each sample due to paperwork and logistics. The chemistry lab also has personnel who run tests on those samples. Mark Gray should be able to assist you with those times (Mark an odor and a turbidity per and paperwork). HTH and please let me know if you need any further information.
Thanks,

Kim Brokering
Microbiologist
Veolia Water Indianapolis
(317) 941-7105

Baumes, Kathy

From: Elliott, Mike
Sent: Tuesday, March 29, 2011 1:17 PM
To: Baumes, Kathy
Cc: Malone, Ed
Subject: average main repair price

Average main repair price for dirt, asphalt and concrete.

6" 1952+2540+2895 = 7387 divided by 3 = 2462.00
8" 2200+2788+3144 = 8132 " " " = 2710.00
12" 2782+4739+6094 = 13,615 " " " = 4538.00
16" 3910+ 5060+7303 = 16,273 " " " = 5424.00
20" 4263+6237+8734 = 19,234 " " " = 6411.00
21,545 divided by 5 = **\$4309.00**

Average Number of J Job Repairs Required Post Transfer

Count of ID		
BRKYEAR		Total
	2002	8
	2003	23
	2004	51
	2005	29
	2006	23
	2007	11
	2008	2
Grand Total		147

Average Breaks per year	21
Average Repair Costs	\$4,309
Cost per Year J Job Repairs	\$90,489

Other Assumptions
J Job Inspection and Management Costs

\$/MG	Costs From VWI General Ledger	\$/MG
Residual Costs 2010	494,794.87	9.87
Chemical Costs 2010	5,820,631.40	116.13
Power costs 2010	6,311,734.84	125.93
Total	12,627,160.91	251.93

MG 2010 50,121

\$/MG 251.93

Purchased Water (cost to DOW)

Plainfield	360,000
Westfield	\$569,291.80
Total	\$29,292
Purchased Water \$/MG	19

Total \$/MG 270

Water Quality Labor and Expense

Number of Samples	93
Expenses/sample	\$26
Senior Microbiologist Time/Sample	0.25
Senior Chemist Time/Sample	0.5

Senior Microbiologist Hours 23.25

Senior Chemist Hours 46.5

Lab Expenses \$2,418

Other Misc Equipment (Tools, Tracing, etc.) \$2,500

Total Miscellaneous \$4,918

Includes Fuel, Parts, and Labor \$5.49

Vehicle Hourly Rates
(2009 bill rate)

MG Water Usage 446 MG used in 2006
13.20% % of Pipe FL vs. 2006
MG Estimated usage 2010 58,872

<u>YEAR/INST</u>	<u>PIPE FT</u>	<u>PIPE MI</u>	<u>Project Year</u>	<u>PIPE FT</u>	<u>PIPE MI</u>	<u>Simple Average of Pipe Ft and Yr in serv</u>
1996 Total	175,054	33.2	1996	348,710	66.044	261,882
1997 Total	390,698	74.0	1997	434,115	82.212	412,407
1998 Total	377,711	71.5	1998	390,685	73,995	384,186
1999 Total	386,360	73.2	1999	465,493	88,157	425,927
2000 Total	324,202	61.4	2000	378,308	71,653	351,255
2001 Total	371,534	70.4	2001	476,575	90,262	424,055
2002 Total	497,020	94.1	2002	438,799	83,106	467,910
2003 Total	395,632	74.9	2003	360,062	68,194	377,847
2004 Total	418,894	79.3	2004	451,371	85,484	435,133
2005 Total	409,986	77.7	2005	344,692	65,286	377,339
2006 Total	355,737	67.4	2006	155,878	29,519	255,808
2007 Total	140,277	26.6	2007	79,961	15,142	110,119
2008 Total	80,698	15.3	2008	50,103	9,491	65,401
2009 Total	61,599	11.7	2009	25,059	4,746	43,329
2010 Total	35,001	6.6	2010	22,184	4,201	28,593
Grand Total	4,415,374	836.2		4,421,995	837.5	

2006 @ 2010 Costs Calculation of J-Job Management and Inspection cost per foot of water main installed

Position	Rate	Department	Full Time Equivalent Employees	Total labor hours	Annual Cost	Vehicles Hours
Hydraulic Analyst	\$95.00	Asset Management	1.1	2,080.0	\$183,440.00	
Accountant	\$107.00	Capital Projects	0.1	104.0	\$11,128.00	
Administrative Clerk	\$66.00	Capital Projects	1.1	2,244.6	\$148,137.00	
Construction Inspector	\$107.50	Capital Projects	3.0	5,791.0	\$622,532.50	5,791
Construction Supervisor	\$107.50	Capital Projects	0.4	832.0	\$89,440.00	832
Design Technician	\$89.00	Capital Projects	1.1	2,145.0	\$178,085.00	
Estimator (Retired Analyst)	\$125.50	Capital Projects	0.7	1,302.0	\$160,797.00	
GIS Technician	\$83.00	Capital Projects	1.1	2,080.0	\$172,640.00	
Intern	\$44.00	Capital Projects	0.2	307.5	\$13,530.00	308
Project Manager	\$123.50	Capital Projects	0.1	124.0	\$15,314.00	
Field Service Tech 1	\$73.00	Field Services	0.0	58.5	\$4,270.50	
Field Service Tech 2	\$73.00	Field Services	0.0	32.5	\$2,372.50	33
Field Service Tech 3	\$73.00	Field Services	0.2	368.0	\$26,734.00	368
FS Group Leader 1	\$78.80	Field Services	0.0	1.0	\$78.80	1
FS Planning Specialist	\$107.00	Field Services	0.0	22.0	\$2,354.00	
FS Planning Technician	\$73.00	Field Services	0.6	1,248.0	\$91,104.00	
FS Tech Helper	\$60.50	Field Services	0.1	113.5	\$6,866.75	
Maintenance Supervisor	\$107.50	Field Services	0.0	43.5	\$4,676.25	44
Laborer 2	\$62.50	Field Services	0.0	1.0	\$62.50	
Prod Group Leader 1	\$78.60	Purification	0.4	764.0	\$60,203.20	764
Production Tech 1	\$71.00	Purification	0.3	612.5	\$43,487.50	
Senior Chemist	\$153.50	Purification	0.1	280.0	\$39,910.00	
Senior Microbiologist	\$153.50	Purification	0.3	572.0	\$87,802.00	
Vehicles (Water Burden, Labor Inspection, Erg., Hydraulics, Water Quality, Valves Oper, etc.)						
			Cost / MG	Total MG		\$1,974,315.50
Water Usage			\$270.47	446	\$120,631.63	
Vehicle Operation/Maintenance Costs		Cost / Hr	\$5.48	Hours	\$44,630.96	
Misc Equipment (tools, tracing, sterilization, etc.)					\$6,000.00	
Field Services (Leak after bond expires)					\$90,485.00	
Management (not included in labor cost) 10%					\$197,431.55	
					Total Annual Cost	\$2,432,495.63
					2006 Footage	255,808
					Cost / FT	\$9.51
* Actual 2006 footage of mains and time adjusted to reflect 2008 rates						
Number FTE	10.3	Hours / Year / FTE	1,890.0	Total Hours	21,085.5	

Summary of Labor Hours
2006 J Jobs per PeopleSoft

Total Hours charged to J-jobs 2006:

Corrected Job Title	Total
Administrative Assistant	2,244.5
Construction Inspector	5,791.0
Design Technician	2,145.0
Estimator (Refund Analyst)	1,302.0
Field Service Tech 1	58.5
Field Service Tech 2	32.5
Field Service Tech 5	358.0
FS Group Leader 1	1.0
FS Planning Specialist	22.0
FS Tech Helper	113.5
Intern	307.5
Laborer 2	1.0
Maintenance Supervisor	43.5
Prod Group Leader 1	764.0
Production Tech 1	612.5
Project Manager	124.0
Grand Total	13,920.5



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Fax : 317/263-8520

Memo

TO : Matt Klein, Executive Director, DOW
FROM : Antoine Boo, Chief Operating Officer, VWI
CC: Kathy Baumies, VP Finance and Client Relations, VWI
Ed Malone – VP Operations, VWI
Eric Robben – Senior Counsel, VWI
DATE : March 17, 2011
SUBJECT : VWI cost support of inspection fee

This memo is being provided in response to your February 18, 2011 memo seeking "financial justification" for the proposed \$13.58 per foot inspection fee. In providing this information, Veolia Water Indianapolis, LLC ("VWI") reserves the right to make corrections and/or supplement any information provided in this response as may be necessary and/or appropriate.

In its February 2, 2011 Order in Cause No. 43645, the Indiana Utility Regulatory Commission ("Commission") stated as follows:

The Commission finds that the Department's proposed cost justification is inadequate to support the \$5.50 per foot Inspection Fee. While the Department provided a description of costs that the Inspection Fee was intended to cover along with a list of positions at current rates and hours worked, nothing was provided to explain the relationship between the duties of the positions to the proposed Inspection Fee nor the reasonableness of the cost rates and hours justification. (Finding Paragraph No. 10)

Ordering paragraph No. 5 of this Order further required the Department to "make a Thirty-Day filing, in accordance with 170 IAC 1-6 et. seq., that provides adequate cost support for its proposed inspection fee." As additional support for this inspection fee Veolia Water Indianapolis, LLC, offers the following and attached information.

First, we offer the attached document, Position Descriptions, which explains the duties and responsibilities of each of the positions listed in the cost document provided to the DOW. This sheet clarifies the role that each person plays in the developer-installed main process and as an example includes the following entry:

Administrative Clerk	Coordinates with developer all project documentation including final plat, final cost sheet, transfer of ownership, maintenance bonds, release of liens, address listing and as built drawings; processing of close-out and creates tap card data base.
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VWI justification of inspection fee
March 17, 2011

In addition, we have included "Main Extension Criteria for Processing New Mains" and a Main Extension Criteria Process Flow. These two documents describe sampling and analysis activities performed on new mains before they can be placed in service. These activities are performed by the positions described on line 21-24 of the Position Description document. These documents are intended to provide the link needed between the positions listed and the activities required.

Also provided are process flow charts for both the overall "J-Job" process and more specifically for the Field Service Inspector with regard to J-Jobs. Each Position Description number has been identified with its respective activity on these two internal Veolia process flow documents.

In addition there are costs incurred for repairs or other miscellaneous issues in the field for J-Jobs that need rework after the transition of the assets to the DOW. These include issues such as backfill that does not meet DOW standards or where appropriate materials are not used. Other management costs include tracking and facilitating developer refunds, management, and all other related overhead costs.

It should be noted that because of the recent decline in developer activity and the nature of the underlying costs the per-foot costs have actually increased since the time this analysis was done. Changes in the level of developer activity result in continual adjustment of the number of staff allocated to these activities. Current low levels of developer activity yield a higher cost per foot than shown by the Department in its response to the IURC. The costs provided were the result of an analysis for which the objective was to determine the actual costs and labor rates required to perform these services in a time of normal activity. This analysis resulted in the cost per foot description provided to the Department.

These numbers are presented and believed to be a reasonable representation of normalized costs related to this activity. The number of hours and staff may change due to activity levels, but the per-foot calculation is deemed a reasonable benchmark assuming that many costs are variable. A minimum level of staffing and support is required to do the activities described in the attachments to this memo. Periods of low development activity tend to yield a higher cost per foot for this reason.

I believe the attached information addresses your request for additional support for the filing with the I.U.R.C. Let me know if Veolia can provide further information.

Position Descriptions

ID	Position	"J" Project Duties
1	Hydraulic Analyst	Hydraulic modeling for each project specific to that project and the distribution system
2	Accountant	Review and entry of final cost sheet
3	Administrative Assistant	Creates project folders and releases project for construction (Currently added to Admin. Clerks duties)
4	Administrative Clerk	Coordinates with developer all project documentation including final plat, final cost sheet, transfer of ownership, maintenance bonds, release of liens, address listing and as built drawings; processing of close-out and creates tap card data base
5	Construction Inspector	The inspector for installation of the project, includes kick-off meetings; material approval, daily inspections, oversees hydrostatic testing and creates construction records
6	Construction Supervisor	Substitutes as needed for the Construction Inspector performing the same duties
7	Design Technician	Coordinates with Developers' design firm the drawings for installation of the project; reviews the design, easement, IDEM permit application and creates contract; when contracts are signed distributes to the proper area
8	Estimator (Refund Analyst)	Reviews all installed projects for a period of ten years annually on the in-service date for possible revenue allowance refunds and subsequent connector refunds; creates refund spreadsheet and sends to accounting for refund processing
9	GIS Technician	Enters all project records into Geographic Information System and other data bases, including pipe, valves, hydrants, fittings and easements
10	Intern	Assist in hydrostatic testing and recoding of information as required
11	Project Manager	Reviews final project plan
12	Field Service Tech 1	Logging of samples and creating work orders
13	Field Service Tech 2	Works with FS Group Leader 1 inspections and verifying tracing wire
14	Field Service Tech 5	Notifies customers and performs water outages as needed to connect project to the distribution system
15	FS Group Leader 1	Verify tracing wire on projects and inspects as needed
16	FS Planning Specialist	Scheduled final inspections and reviews after completion
17	FS Planning Technician	Maintains spreadsheet tracking bond information and expiration dates; creates work orders for inspections as needed before bond expires
18	FS Tech Helper	Works with Field Service Tech 5 for notification of customers and water outages as needed to connect project to the distribution system
19	Maintenance Supervisor	Manages inspection crews
20	Laborer 2	Assist with sampling and disinfection after construction is complete
21	Prod Group Leader 1	Sampling and disinfection after construction is complete
22	Production Tech 1	Assist with sampling and disinfection after construction is complete
23	Senior Chemist	Performs test on water samples received from projects
24	Senior Microbiologist	Reviews projects for sterilization and oversees test on water samples received from projects

Created on 1/20/2004

Revised 8/29/05

Revised 10/05/08

MAIN EXTENSION CRITERIA FOR PROCESSING NEW MAINS

I. *New mains will be prepared for sampling by one of the two following methods:*

1. Flushing:

Existing dead-end mains shall be flushed until the water appears clear prior to connection of the new extension or perpendicular connection from the existing main. Upon completion of the main installation, the entire new system shall be thoroughly flushed. Following flushing, water samples shall be taken on 2 days and submitted for analysis.

2. Chlorination:

Chlorination shall be requested under the following conditions:

- A. When the main is 12" or larger in diameter and over 500 ft. in length.
- B. When the main may be contaminated by ground or surface water
(crossing under a creek or stream)
- C. When the laboratory tests taken from the supply end of the extension indicates that flushing will not result in satisfactory disinfection.

II. *New mains will analyzed for the following:*

1. Coliform bacteria (Finished Water IDEXX Colilert Method)
2. Heterotrophic bacteria (HPC Method)
3. Turbidity; Chlorine residual; Odor

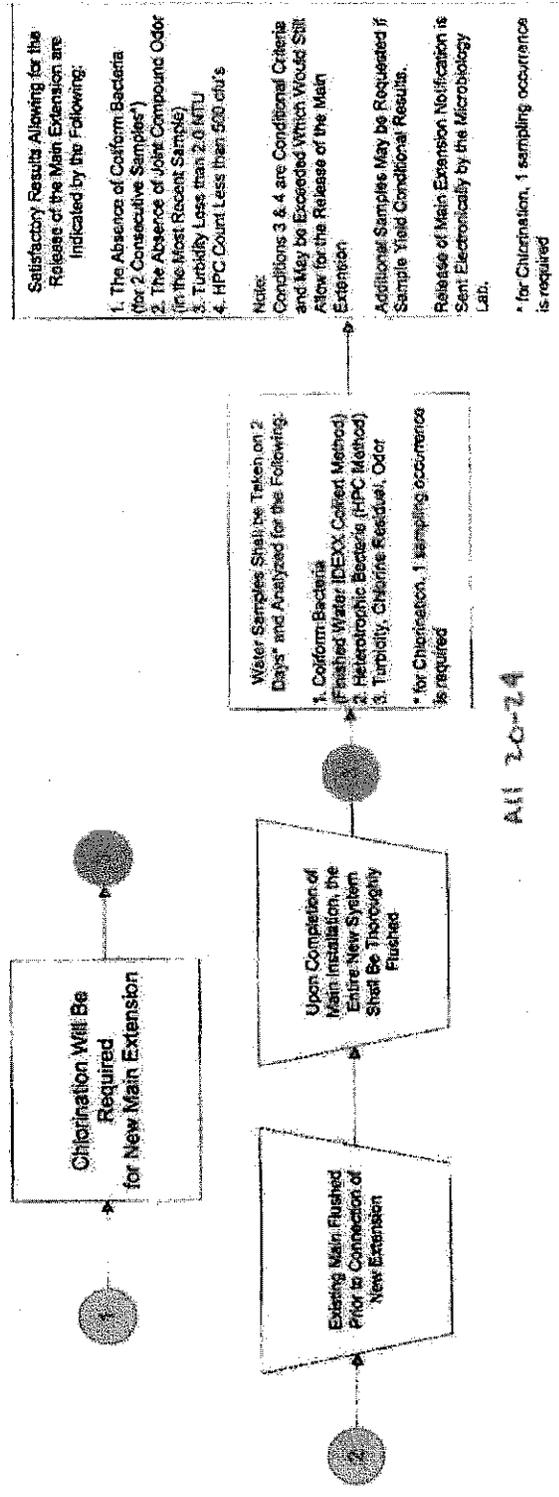
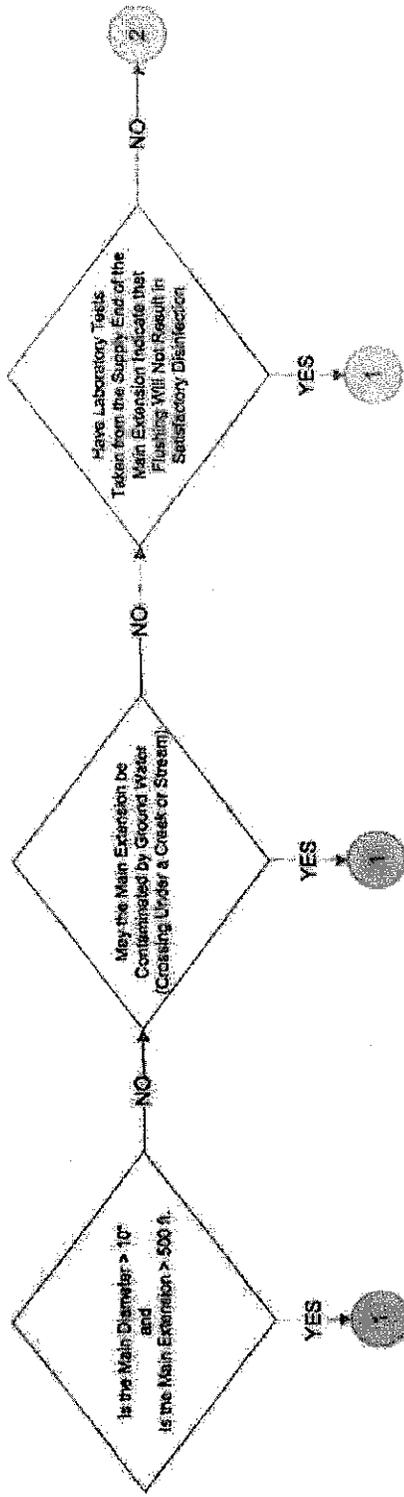
III. *Satisfactory results are indicated by the following allowing release of main extension:*

1. The Absence of Coliform Bacteria
2. The absence of Joint Compound odor in the most recent sample.
3. Turbidity less than 2.0 NTU
4. HPC count less than 500 cfu's
(Conditions 3 and 4 are conditional criteria and may be exceeded which would still allow for release of the main extension)
5. Additional samples may be requested if samples yield conditional results.

IV. *Release notification is sent electronically by the Microbiology Lab to a specific list of people in various departments.*



Main Extension Criteria for water quality processing of new mains
 7/1/08, Process Flow Revision 1.1 (original document created 1/20/04 and revised 8/29/05, 10/19/07)



ALL 20-24

Contact information sheet

CONTACT INFORMATION SHEET

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Executive Director
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1220 Waterway Boulevard
Indianapolis, IN 46202
(317) 263-6567
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(317) 236-9907 – facsimile
dmcgimpsey@binghammchale.com

Current tariff sheet

ISSUED PURSUANT TO

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks
1220 Waterway Blvd
Indianapolis, Indiana 46202

EFFECTIVE

FEB 04 2011

4 3 6 4 5

INDIANA UTILITY
REGULATORY COMMISSION Page 1 of 6

Date **FEB 02 2011**
Indiana Utility Regulatory Commission

SUMMARY OF WATER RATES AND CHARGES

Pursuant to IURC Order in Cause No. 43645 Approved June 30, 2009)

This schedule applies to all metered water service rendered by the Department of Waterworks ("Department").

Metered accounts will be billed monthly. All meters will be read bi-monthly, unless the customer requests monthly readings, which will be made for a monthly charge specified in the Service Charges below. Customers whose meters are to be read bi-monthly will be billed on the basis of actual consumption for the total reading period, less the estimated consumption billed in the first month.

(A) Volumetric Rates

Each user shall pay a monthly volume charge based on the amount of water consumed, as follows:

<u>Monthly Consumption</u>	<u>Rate Per 100 Cubic Feet</u>
First 1,500 Cubic feet	\$2.735
Next 18,500 Cubic feet	2.647
Next 80,000 Cubic feet	2.410
Next 400,000 Cubic feet	1.631
Over 500,000 Cubic feet	1.244

(B) Monthly Service Charge

Each user shall pay a monthly service charge in accordance with the following applicable size of meter installed:

<u>Monthly Service Charge</u>	<u>Per Month</u>
5/8 inch meter	\$9.66
3/4 inch meter	10.37
1 inch meter	11.82
1 1/2 inch meter	22.20
2 inch meter	24.34
2 1/2 inch meter	62.63
3 inch meter	62.63
4 inch meter	62.63
6 inch meter	112.50
8 inch meter	141.00
10 inch meter	163.00

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ISSUED PURSUANT TO

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks
1220 Waterway Blvd
Indianapolis, Indiana 46202

EFFECTIVE

FEB 04 2011

4 3 6 4 5

INDIANA UTILITY
REGULATORY COMMISSION Page 2 of 6

Date FEB 02 2011
Indiana Utility Regulatory Commission

SUMMARY OF WATER RATES AND CHARGES

(C) Private Fire Protection

This schedule applies to all customers who receive private fire protection water service. Private fire protection water service will be provided only to customers who receive metered water service from the Department for uses other than private fire protection services.

Per Month

Private hydrants, each \$9.59

Service through fire meter - A customer receiving private fire protection service through a service pipe in which a fire meter is installed shall pay, in addition to the charges for metered water service for uses other than private fire protection, the monthly charge for each private hydrant, if any, attached to said service pipe, plus a monthly charge based on the size of the fire meter in accordance with the following schedule:

Per Month

4	inch meter	\$65.93
6	inch meter	122.09

Unmetered Private Fire Service - A customer receiving private fire protection service through an unmetered fire service pipe or pipes (including bypass pipes equipped with post indicator valves) shall pay as follows:

- (a) If the unmetered service pipe or pipes serve only private hydrants the customer shall pay the monthly charge for each private hydrant connected to the service pipe or pipes.
- (b) If the unmetered service pipe or pipes serve only a sprinkler system and/or hose cabinets, the customer shall pay the monthly charge set forth in the table below for each service pipe connected to the Department's main through which the customer receives private fire projection service.
- (c) If the unmetered service pipe or pipes serve both private hydrants and a sprinkler system and/or hose cabinets, the customer shall pay the monthly charge for each private hydrant connected to the service pipe or pipes, plus the monthly charge set forth in the table below for each pipe connected to the Department's main through which the customer receives fire protection service.

Per Month

2	inch connection	\$0.53
2 1/2	inch connection	0.96
3	inch connection	1.55
4	inch connection	3.30
6	inch connection	9.59
8	inch connection	20.43
10	inch connection	36.74
12	inch connection	59.34
14	inch connection	89.01
16	inch connection	126.46

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ISSUED PURSUANT TO

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks
1220 Waterway Blvd
Indianapolis, Indiana 46202

EFFECTIVE

FEB 04 2011

INDIANA UTILITY
REGULATORY COMMISSION

4 3 6 4 5
FEB 02 2011

Date
Indiana Utility Regulatory Commission

SUMMARY OF WATER RATES AND CHARGES

Page 4 of 6

(L) Turn On Fee \$25.00

After any water service is discontinued to any customer serviced by the water utility for any reason, whether at the request of the customer, or because of failure to pay bills, there shall be imposed a fee of twenty-five dollars (\$25.00) for turning on the water service in addition to the cost of excavation.

(M) Bad Check Charge

Any Department customer located in an area formerly served by Harbour Water Corporation who submits a check that is dishonored by the bank shall be assessed a charge of \$9.00. Any Department customer located in an area formerly served by IWC Morgan Water Corporation who submits a check that is dishonored by the bank shall be assessed a charge of \$20.00. Any other Department customer who submits a check that is dishonored by the bank shall be assessed a charge of \$14.50.

(N) Aggregate billing for customer with multiple meters \$0.75

(O) Temporary hydrant connection (exclusive of water consumption) \$50.00

(P) Temporary hydrant meter deposit \$50.00

(Q) Late reporting of temporary hydrant meter water usage \$25.00

(R) Services connected with filling swimming pool (exclusive of water consumption)

Pools with 40,000 gallons or less \$211.00

Pools with 40,000 gallons or more \$211.00 plus \$2.81 for each 1,000 gallons over 40,000 gallons

(S) Replacement of a damaged meter

5/8	inch meter	\$49.00
3/4	inch meter	70.00
1	inch meter	133.00
Over 1	inch meter	Cost of time and materials

Service Charges - Fire Protection

(T) Establishing an account and installing a fire meter \$827.00

(U) Establishing an account and turning on an unmetered fire line

New installation or modification of existing installation	\$150.00
Turn on only	79.00

(V) Charge in addition to the cost of excavation, for reconnection of service after disconnection from the same customer \$25.00

(Continued on next page)

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks

SUMMARY OF WATER RATES AND CHARGES

(X) Interruptible Raw Water Service at Morse Reservoir

Service – This service shall be available to a fee owner of land which abuts the water's edge at Morse Reservoir ("Reservoir") on an interruptible basis from April 1 through November 30 of each year ("withdrawal period"). To obtain the service, the customer shall enter into a written contract in form and substance satisfactory to the Department. Water withdrawn from the Reservoir under this tariff and such contract shall be used only for irrigation of lawn and landscaped areas of lakefront property. The amount of such land to be irrigated shall not exceed 4 acres. The water shall not be sold or given away by the customer.

Withdrawal Facilities – The customer shall furnish the piping or hose arrangement, pump and appurtenances for withdrawal of the water. Each customer shall be limited to one pipe or hose in the water and one pumping system. Such non-potable water system shall be installed and maintained by the customer entirely separate and distinct from the customer's potable water piping system, and no direct connection between the two systems will be permitted.

Charges – The annual charge for the service shall be based on the size of the area to be irrigated and in accordance with the following schedule:

<u>Area to be irrigated</u>		<u>Charge</u>
Up to 1.0 acres	ISSUED PURSUANT TO	\$30.00
1.01 to 2.0 acres		60.00
2.01 to 3.0 acres	4 3 0 5 6	90.00
3.01 to 4.0 acres		120.00

DATE: 41 4 12 2007
All charges shall be paid annually by the customer on or before April 1 of each year thereafter in which the service is to be used, or within 30 days after billing in the case of customers newly acquiring the property to be irrigated.

Interruption of Service – The Department shall have full right and authority to interrupt the service whenever, in its judgment, continuing withdrawals by lakefront owners may adversely affect the Department's dependable supply of water for water utility purposes. Notice of interruptions shall be made by mail, to the address of the customer as indicated in the customer's contract for water service. When customers are notified by the Department that the service is to be interrupted, they shall immediately cease water withdrawals and remove all pumps owned or installed by them in the Reservoir or disconnect said withdrawal systems in the manner satisfactory to the Department. Said pumps shall not be reinstalled, or the system reconnected, until the Department notifies the customer that withdrawals may be resumed.

(Y) Area Rate Surcharges

This schedule applies to customers receiving water service through a main extension installed under the Department's Rule 12(P). Charges on this schedule are in addition to the rates and charges for metered water service described above.

EFFECTIVE

APR 26 2007

INDIANA UTILITY
REGULATORY COMMISSION

(Continued on next page)

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks

Page 6 of 6

SUMMARY OF WATER RATES AND CHARGES

Service Charges

Area rate tap fee	\$200.00
Secondary connector fee	\$500.00

Surcharges

Area rate surcharges are computed in accordance with Rule 12(P) and based on the cost of the main extension

EFFECTIVE

APR 26 2007

INDIANA UTILITY
REGULATORY COMMISSION

ISSUED PURSUANT TO

43056

DATE: 4 1 4 1 2007
INDIANA UTILITY REGULATORY COMMISSION

Proposed tariff sheet

CITY OF INDIANAPOLIS, INDIANA
 Department of Waterworks
 1220 Waterway Blvd
 Indianapolis, Indiana 46202

SUMMARY OF WATER RATES AND CHARGES
 (Pursuant to IURC Order in Cause No. 43645 Approved June 30, 2009)

This schedule applies to all metered water service rendered by the Department of Waterworks ("Department").

Metered accounts will be billed monthly. All meters will be read bi-monthly, unless the customer requests monthly readings, which will be made for a monthly charge specified in the Service Charges below. Customers whose meters are to be read bi-monthly will be billed on the basis of actual consumption for the total reading period, less the estimated consumption billed in the first month.

(A) Volumetric Rates

Each user shall pay a monthly volume charge based on the amount of water consumed, as follows:

<u>Monthly Consumption</u>	<u>Rate Per 100 Cubic Feet</u>
First 1,500 Cubic feet	\$2.735
Next 18,500 Cubic feet	2.647
Next 80,000 Cubic feet	2.410
Next 400,000 Cubic feet	1.631
Over 500,000 Cubic feet	1.244

(B) Monthly Service Charge

Each user shall pay a monthly service charge in accordance with the following applicable size of meter installed:

<u>Monthly Service Charge</u>	<u>Per Month</u>
5/8 inch meter	\$9.66
3/4 inch meter	10.37
1 inch meter	11.82
1 1/2 inch meter	22.20
2 inch meter	24.34
2 1/2 inch meter	62.63
3 inch meter	62.63
4 inch meter	62.63
6 inch meter	112.50
8 inch meter	141.00
10 inch meter	163.00

CITY OF INDIANAPOLIS, INDIANA
 Department of Waterworks
 1220 Waterway Blvd
 Indianapolis, Indiana 46202

SUMMARY OF WATER RATES AND CHARGES

(C) Private Fire Protection

This schedule applies to all customers who receive private fire protection water service. Private fire protection water service will be provided only to customers who receive metered water service from the Department for uses other than private fire protection services.

Per Month

Private hydrants, each \$9.59

Service through fire meter - A customer receiving private fire protection service through a service pipe in which a fire meter is installed shall pay, in addition to the charges for metered water service for uses other than private fire protection, the monthly charge for each private hydrant, if any, attached to said service pipe, plus a monthly charge based on the size of the fire meter in accordance with the following schedule:

Per Month

4	inch meter	\$65.93
6	inch meter	122.09

Unmetered Private Fire Service - A customer receiving private fire protection service through an unmetered fire service pipe or pipes (including bypass pipes equipped with post indicator valves) shall pay as follows:

- (a) If the unmetered service pipe or pipes serve only private hydrants the customer shall pay the monthly charge for each private hydrant connected to the service pipe or pipes.
- (b) If the unmetered service pipe or pipes serve only a sprinkler system and/or hose cabinets, the customer shall pay the monthly charge set forth in the table below for each service pipe connected to the Department's main through which the customer receives private fire projection service.
- (c) If the unmetered service pipe or pipes serve both private hydrants and a sprinkler system and/or hose cabinets, the customer shall pay the monthly charge for each private hydrant connected to the service pipe or pipes, plus the monthly charge set forth in the table below for each pipe connected to the Department's main through which the customer receives fire protection service.

Per Month

2	inch connection	\$0.53
2 ½	inch connection	0.96
3	inch connection	1.55
4	inch connection	3.30
6	inch connection	9.59
8	inch connection	20.43
10	inch connection	36.74
12	inch connection	59.34
14	inch connection	89.01
16	inch connection	126.46

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks

SUMMARY OF WATER RATES AND CHARGES

(D) System Development Charge

Each user shall pay a system development charge based upon the size of the meter installed upon tapping onto the water system, as follows:

5/8	inch connection	\$1,200.00
3/4	inch connection	1,800.00
1	inch connection	3,000.00
1 1/2	inch connection	6,000.00
2	inch connection	9,600.00
3	inch connection	18,000.00
4	inch connection	30,000.00
6	inch connection	60,000.00
8	inch connection	96,000.00
10	inch connection	138,000.00

(E) Establishing an Account and Installing a Meter

Each user shall pay a fee for establishing an account and installing a meter, based upon the size of the meter installed, as follows:

Meter Size

5/8 or 3/4	inch meter	\$19.00
1	inch meter	68.00
1 1/2	inch meter	81.00
2	inch meter	95.00
3	inch meter	160.00
4	inch meter	200.00
6	inch meter	337.00

Service Charges - Water Services

(F) Collection and Deferred Payment Charge

10% of first 3.00
3% of excess

All bills for water service and fire protection not paid within seventeen (17) days from the due date thereof, as stated in such bills, shall be subject to the collection or deferred payment charge of ten percent (10%) on the first \$3.00 and three percent (3%) on the excess of over \$3.00.

(G) Visit to the premises regarding past due account (left on) \$12.00

(H) Penalty charge for tampering with meter or any of the regulating measuring equipment \$50.00

(I) Special reading of meter at customer's request \$16.00

(J) Regular monthly reading per meter at customer's request \$2.45

(K) Subsequent test of meter at customer's request within 36 months after first test \$58.00

CITY OF INDIANAPOLIS, INDIANA
 1220 Waterway Blvd
 Indianapolis, Indiana 46202
 Department of Waterworks

SUMMARY OF WATER RATES AND CHARGES

(L)	<u>Turn On Fee</u>	\$25.00
	<p>After any water service is discontinued to any customer serviced by the water utility for any reason, whether at the request of the customer, or because of failure to pay bills, there shall be imposed a fee of twenty-five dollars (\$25.00) for turning on the water service in addition to the cost of excavation.</p>	
(M)	<u>Bad Check Charge</u>	
	<p>Any Department customer located in an area formerly served by Harbour Water Corporation who submits a check that is dishonored by the bank shall be assessed a charge of \$9.00. Any Department customer located in an area formerly served by IWC Morgan Water Corporation who submits a check that is dishonored by the bank shall be assessed a charge of \$20.00. Any other Department customer who submits a check that is dishonored by the bank shall be assessed a charge of \$14.50.</p>	
(N)	<u>Aggregate billing for customer with multiple meters</u>	\$0.75
(O)	<u>Temporary hydrant connection (exclusive of water consumption)</u>	\$50.00
(P)	<u>Temporary hydrant meter deposit</u>	\$50.00
(Q)	<u>Late reporting of temporary hydrant meter water usage</u>	\$25.00
(R)	<u>Services connected with filling swimming pool (exclusive of water consumption)</u>	
	Pools with 40,000 gallons or less	\$211.00
	Pools with 40,000 gallons or more	\$211.00 plus \$2.81 for each 1,000 gallons over 40,000 gallons
(S)	<u>Replacement of a damaged meter</u>	
	5/8 inch meter	\$49.00
	3/4 inch meter	70.00
	1 inch meter	133.00
	Over 1 inch meter	Cost of time and materials
	<u>Service Charges - Fire Protection</u>	
(T)	<u>Establishing an account and installing a fire meter</u>	\$827.00
(U)	<u>Establishing an account and turning on an unmetered fire line</u>	
	New installation or modification of existing installation	\$150.00
	Turn on only	79.00
(V)	<u>Charge in addition to the cost of excavation, for reconnection of service after disconnection from the same customer</u>	\$25.00

(Continued on next page)

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks

SUMMARY OF WATER RATES AND CHARGES

(W) Visit to the premises to collect past due account not resulting in disconnection of service

\$12.00

(X) Interruptible Raw Water Service at Morse Reservoir

Service - This service shall be available to a fee owner of land which abuts the water's edge at Morse Reservoir ("Reservoir") on an interruptible basis from April 1 through November 30 of each year ("withdrawal period"). To obtain the service, the customer shall enter into a written contract in form and substance satisfactory to the Department. Water withdrawn from the Reservoir under this tariff and such contract shall be used only for irrigation of lawn and landscaped areas of lakefront property. The amount of such land to be irrigated shall not exceed 4 acres. The water shall not be sold or given away by the customer.

Withdrawal Facilities - The customer shall furnish the piping or hose arrangement, pump and appurtenances for the withdrawal of the water. Each customer shall be limited to one pipe or hose in the water and one pumping system. Such non-potable water system shall be installed and maintained by the customer entirely separate and distinct from the customer's potable water piping system, and no direct connection between the two systems will be permitted.

Charges - The annual charge for the service shall be based on the size of the area to be irrigated and in accordance with the following schedule:

<u>Area to be irrigated</u>	<u>Charge</u>
Up to 1.0 acres	\$30.00
1.01 to 2.0 acres	60.00
2.01 to 3.0 acres	90.00
3.01 to 4.0 acres	120.00

All charges shall be paid annually by the customer on or before April 1 of each year thereafter in which the service is to be used, or within 30 days after billing in the case of customers newly acquiring the property to be irrigated.

Interruption of Service - The Department shall have full right and authority to interrupt the service whenever, in its judgment, continuing withdrawals by lakefront owners may adversely affect the Department's dependable supply of water for water utility purposes. Notice of interruptions shall be made by mail, to the address of the customer as indicated in the customer's contract for water service. When customers are notified by the Department that the service is to be interrupted, they shall immediately cease water withdrawals and remove all pumps owned or installed by them in the Reservoir or disconnect said withdrawal systems in the manner satisfactory to the Department. Said pumps shall not be reinstalled, or the system reconnected, until the Department notifies the customer that withdrawals may be resumed.

(Y) Area Rate Surcharges

This schedule applies to customers receiving water service through a main extension installed under the Department's Rule 12(P). Charges on this schedule are in addition to the rates and charges for metered water service described above.

CITY OF INDIANAPOLIS, INDIANA
Department of Waterworks

Page 6 of 6

SUMMARY OF WATER RATES AND CHARGES

Service Charges

Area rate tap fee	\$200.00
Secondary connector fee	\$500.00

Surcharges

Area rate surcharges are computed in accordance with Rule 12(P) and based on the cost of the main extension.

(Z) Review and Inspection Fee \$5.50 per lineal foot of main

The Review and Inspection Fee shall be charged to customers, including developers, installing new mains. The Review and Inspection Fee covers reviewing the main extension application; reviewing the design for the main; facilitating and reviewing the Notice of Intent to Indiana Department of Environmental Management application; facilitating the main extension contract; inspecting materials at a pre-construction meeting; inspecting construction on a daily basis; sampling and disinfection following construction; overseeing the hydrostatic test; reviewing the record final plat, final cost sheet, transfer of ownership documents, certificate of insurance, maintenance bonds, lien releases, as-built drawings and plumber's permit application (tap request); monitoring final, physical connection to main; entering data into the Geographic Information System; undertaking a final quality inspection before release of maintenance bond; and annually reviewing for subsequent connections for 10 years following main installation.

Verified statement by DOW

AFFIDAVIT

The undersigned affiant, Matthew T. Klein, being first duly sworn upon his oath, deposes and states:

1. I am Matthew T. Klein. I am over the age of 18 years, suffer from no disability which would render my testimony incompetent, and have personal knowledge of all matters contained in this Affidavit.

2. I am the Executive Director of the Department of Waterworks of the City of Indianapolis.

3. As Executive Director, my day to day duties include overall management of the Department and its employees, maintaining the Department's system in a reasonable and cost-effective manner, and overseeing the Department's contract-operator Veolia Water Indianapolis, LLC and various other contractors. Additionally, I regularly work on or manage regulatory matters, including all matters that would come before the Indiana Utility Regulatory Commission ("Commission").

4. I have reviewed the attached 30-day filing regarding the Department's review and inspection fee. Additionally, I have ensured that notice was provided for this filing as provided in 170 I.A.C. 1-6-6.

5. On April 4, 2011, the Department posted a notice in its local customer service office, and posted a notice to its website at www.indianapoliswater.com. A copy of that notice has been provided as Exhibit 1 to this affidavit.

6. Additionally, I have caused a notice of this 30-day filing to be published in the Indianapolis Star on April 5, 2011. A copy of this notice will be provided with a follow-up letter on April 5, 2011.

