PUBLIC WORKS COMMITTEE
CITY HALL CONFERENCE ROOM
SEPTEMBER 8, 2014
5:00 P.M.

AGENDA

I. CALL TO ORDER

II. CONSENT AGENDA
   A. Minutes (page 1)

III. NEW BUSINESS
   A. Storm Water Grant (page 3A)
   B. Snow Plowing Contract (page 4)
   C. 2015 Water & Sewer Rates & Budget (page 8)

IV. OLD BUSINESS
   A. Water Plant Rehab Project – Update
   B. 2014 Street Improvement Project – Update
   C. Wastewater Plant Re-Scoping Project – Update
   D. MPCA – Access Agreement & Terracon - Well Reports (page 31)
   E. LED Lighting – Update

V. INFORMATIONAL
   A. Next Meeting – Monday, October 13, 2014

VI. ADJOURN

***** Please call or email Ron at 320-243-3714 ext. 230 or at ron@paynesvillemn.com if you are not able to attend the meeting.*****

Members: Dave Peschong, Donavan Mayer, Melvin Schaefer, Keith Hemmesch, and Matt Quade – or his proxy.
Advisory Members: Chuck DeWolf, Ron Mergen, and Renee Eckerly

This agenda has been prepared to provide information regarding an upcoming meeting of the Paynesville Public Works Committee. This document does not claim to be complete and is subject to change.

BARRIER FREE: All Paynesville Public Works Committee meetings are accessible to the handicapped. Attempts will be made to accommodate any other individual need for special services. Please contact City Hall (320) 243-3714 early so necessary arrangements can be made.

REQUEST FOR COMMITTEE/COUNCIL ACTION

COMMITTEE/COUNCIL NAME: Public Works Committee

Committee/Council Meeting Date: September 8, 2014

Agenda Section: Consent

Originating Department:

Item Number: II - A

ITEM DESCRIPTION: Minutes

Prepared by: Staff

COMMENTS:

Please review the minutes from the August 11, 2014 Public Works Committee meeting.

ADMINISTRATOR COMMENTS:

COMMITTEE/COUNCIL ACTION:

Motion to approve the minutes of the August 11, 2014 Public Works Committee meeting.

MINUTES
PUBLIC WORKS COMMITTEE

AUGUST 11, 2014

The meeting was called to order by Mel Schaefer at 5:00 p.m. Members present were Dave Peschong, Keith Hemmesch, and Donavan Mayer. Matt Quade was absent. Advisory members present were Ron Mergen, Public Works Director; and Chuck DeWolf, Bolton & Menk, Inc.

> **Motion was made by Peschong to approve the minutes from the June 16 and July 14, 2014 Public Works Committee meetings. Seconded by Mayer and unanimously carried.**

WATER PLANT REHAB

DeWolf reported that the clear well structure is nearly complete and will be soon ready to fill and test. Once that is complete the filter can be taken out of service for replacement. The City will need to notify residents that they may notice a change in their water.

2014 STREET PROJECT

The following was reported:

- On Minnesota Street the contractors are prepping for black dirt and seeding. The wear course will be put on next year.
- On the water loop across the river; the contractor could not bore the line due to large rocks. The City has obtained a DNR permit to ***open cut*** across the river.
- On Business 23 there is an outfall structure on Richmond St. The outfall pipe has dropped along with the entire slope of the bank. A complete repair with a new manhole at this time would be approximately $75,000.00. The other option is to do a repair for $15,000.00 and submit this for grant funding along with the proposed pond in the Industrial Park.

After a short discussion,

> **Motion was made by Peschong to repair the outfall, submit the grant, and recommend such to the City Council. Seconded by Hemmesch and unanimously carried.**

It was also noted that at 515 Mill St. the City has a sewer service with a dip in the line and with the street scheduled for an overlay in a few years now would be the time for a repair. Currently the City crew is cleaning the line 3-4 times per year.

> **Motion was made by Hemmesch to repair the sewer service line at 515 Mill St. and recommend such to the City Council. Seconded by Peschong and unanimously carried.**

WASTEWATER RE-SCOPING

DeWolf reported that the project is nearing final completion with the contractor working on punch list items. Members discussed the open house and suggested September 6, 2014.

CONSERVATION WATER RATES

Members reviewed the average usage for 2nd and 3rd quarters of 2012 and 2013. Members noted they do not want this to be a penalty, but the City does need to enact the conservation rates to follow the new rules. After short discussion,

> **Motion was made by Hemmesch to set a 5 cent increase at 100,000 gallons for the conservation rate and recommend such to the City Council. Seconded by Peschong and unanimously carried.**

ALLEY ORDINANCE

Mergen reported that he had discussed this with the originator of the petition and all they want is a little class five gravel in the pot holes.

LED LIGHTING

Members were presented with the following on the downtown LED replacement fixtures:

Existing cost	$174.00 annually per fixture
LED cost	$ 61.60 annually per fixture
Cost savings	$112.40 annually per fixture

Fixture and installation costs are approximately $850.00 each and pay back will be approximately 7.5 years. It was reported that the City has 37 lights and the project cost is estimated at $31,450.00.

> **Motion was made by Mayer to install LED lighting in the downtown area and recommend such to the City Council. Seconded by Peschong and unanimously carried.**

There being no further business, the meeting was adjourned at 5:40 p.m.

PURCHASE OPTION AGREEMENT

This Agreement is made this 25th day of September, ~~2013~~ 2014, by and between Savage Land Partnership, LLC, a limited liability company (Seller), and the City of Paynesville, a Minnesota municipal corporation (Buyer).

WHEREAS, Seller is the owner of land located at 180 Lake Avenue North in the City of Paynesville, County of Stearns, State of Minnesota, legally described as follows, to-wit:

Lot One (1), Block One (1), River Park Estates, Stearns County, Minnesota; and

WHEREAS, Seller wishes to grant to Buyer, and Buyer wishes to acquire from Seller on the terms herein an option to purchase, 1.5 acres, more or less, of land lying within the shore land overlay district along the North Fork of the Crow River lying within Lot 1, Block 1, River Park Estates;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1) GRANT OF OPTION. Seller hereby grants to Buyer an exclusive right and option to purchase from Seller property consisting of 1.5 acres, more or less, lying within the shore land overlay district along the North Fork of the Crow River within Lot 1, Block 1, River Park Estates, Stearns County, Minnesota. Seller shall neither sell, nor attempt to sell property to any third

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party during the term of the option, which shall be the period of time beginning from the date of this Agreement and terminating on July 1, ~~2014~~ 2015.

2) PURCHASE PRICE. If the option is exercised, Buyer shall purchase the property by making a payment to the Seller in the amount of Twenty Thousand Dollars ($20,000.00) for the purchase of 1.5 acres, the exact legal description to be determined by survey. The parties will work together on the survey of the boundaries of the 1.5 acres to ensure that the lines as surveyed will not interfere with Seller's plans for future expansion. The purchase price shall be paid on the date of closing in the manner set forth below.

3) ADDITIONAL TERMS. a) It is understood and agreed by and between the parties hereto that the Buyer will be using this property for the construction of a water retention pond to provide drainage for the area, including that portion of the Seller's property not being conveyed to Buyer. The Buyer will design the water retention pond to accommodate the existing drainage system constructed by Seller to drain its property without further costs to the Seller. Part of the consideration for the Option is Seller's ability to use this water retention pond to be constructed by Buyer for the drainage of Seller's remaining property.

~~b) It is anticipated by the parties hereto that if the Buyer exercises the Option and proceeds with the construction of the water retention pond, there will be excavation done on the site, and to the extent that there are~~

~~extra soils available following the construction of the water retention pond, as part of the consideration for the sale, those soils shall be made available to the Seller for their construction project and, if not used for this project, the soils may be used by the Seller as the Seller sees fit, for donation or otherwise.~~

c) Buyer will be responsible for all costs of closing.

4) EXERCISE OF OPTION. Buyer may exercise the option by giving the Seller, during the term of the option, of Buyer's intention to purchase the property. The option notice shall be accompanied by a check in the amount of Five Thousand Dollars ($5,000.00) as earnest money, which shall be non-refundable, except in the event of breach by Seller under this Agreement, or Seller's inability to provide marketable title to the property, and said sum shall be applied to the purchase price on the date of closing. The earnest money shall be deposited by Seller to an account and the funds shall be retained in that account until the date of closing. The option notice shall specify as the date of purchase a date not more than 90 days from the date of delivery of the option notice, which shall then become the closing date.

5) PROPERTY. The property shall include 1.5 acres of real estate as described herein, the exact boundaries of which shall be determined by a survey to be completed by Buyer at Buyer's cost.

6) TITLE. Seller shall deliver to Buyer, as soon as practical after delivery of the option notice, an abstract of title to Lot 1, Block 1, River Park Estates, according to the recorded plat thereof, Stearns County, Minnesota, from which Buyer shall, at Buyer's cost, have an abstract of title created to that portion of the premises being purchased pursuant to this Option, and the survey made pursuant thereto. Buyer shall have 60 days after receipt of the abstract to complete title work and obtain releases of mortgages to the portion of the main parcel being purchased by Buyer. Seller agrees to cooperate with Buyer in obtaining releases. Closing will be contingent upon the ability to obtain releases of 1.5 acres from existing mortgages.

7) CLOSING. The closing shall occur on the closing date, at such time and place as the parties mutually agree. At closing, Buyer shall deliver the purchase price (the full purchase price less the earnest money of $5,000.00 previously paid) to Seller, and the Seller shall deliver to Buyer:

a) A Warranty Deed to the property subject to all matters not timely objected to by Buyer.

b) Such title Affidavits as shall be required for insurance of an owner's title insurance policy.

c) Such other documents as shall reasonably requested by Buyer to facilitate the closing and transfer title of the property.

All expenses and income with respect to the property shall be pro-rated as of the closing date, with the exception of real estate taxes and

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special assessments, all of which shall be the responsibility of the Seller. Buyer shall pay the costs of filing the deed from the Seller and any premium on any title insurance policy resulting from the title commitment. All other costs shall be paid in the manner consistent with local custom.

8) POSSESSORY RIGHTS. Buyer shall be entitled of full and complete possession of the property free of any and all rights of the Seller or any third parties immediately following closing. Seller covenants to give any third parties notice in a timely manner to quit prior to the date of closing. Seller shall have the right and obligation to remove from the property on or before the date of closing any personal property or debris located thereon.

10) BARE LOT. The parties hereto acknowledge that the property being purchased is a bare lot. There are no current existing improvements on the parcel to be surveyed. Seller agrees to provide reasonable access to the property to Buyer for inspection and survey at any time after the signing of this Option Agreement.

11) NOTICE. Each notice given pursuant to this Agreement shall be in writing and shall be addressed as follows:

If to Seller: Savage Land Partnership, LLC
29235 Co. Rd. 181
Paynesville, MN 56362

If to Buyer: City of Paynesville
221 Washburne Avenue
Paynesville, MN 56362

Notices shall be deemed to have been delivered on the date it was personally delivered, faxed or emailed, or two (2) business days after the date it was deposited in the United States mail. Any party may change its address for delivery of notice by giving notice of such change to the other party, in the manner specified above, no fewer than five (5) days prior to the effective date of the change.

11) DEFAULT REMEDIES. In the event of breach of this Agreement, the non-breaching party shall, if the breach is not cured within five (5) business days following notice to the breaching party, be entitled to all remedies provided at law or in equity, including specific performance. A party who fails to cure its breach within five (5) business days following notice shall pay the reasonable attorney's fees and costs incurred by the non-breaching party in pursuing its remedies. Nothing in this section shall preclude a party from immediately seeking injunctive relief to prevent irreparable harm.

12) MISCELLANEOUS. This Agreement contains the entire understanding of the parties with respect to the property and supersedes all prior agreements and understandings between the parties with respect to the property. This Agreement may not be modified by except in writing executed by both parties. Time is of the essence in all provisions of this Agreement. This Agreement is not to be interpreted as creating a partnership or joint venture between the parties with respect to this

property. This Agreement shall be construed under the laws of the State of Minnesota. This Agreement shall run with the land and be binding upon and inure to the benefit of the parties' successors and assigns. Either party shall be entitled to record a copy of this Agreement in the public records as a notice of the existence of this Agreement, which notice need not recite the financial terms contained herein.

DATED: October 7th, 2013

SAVAGE LAND PARTNERSHIP, LLC

By: _____
Its:

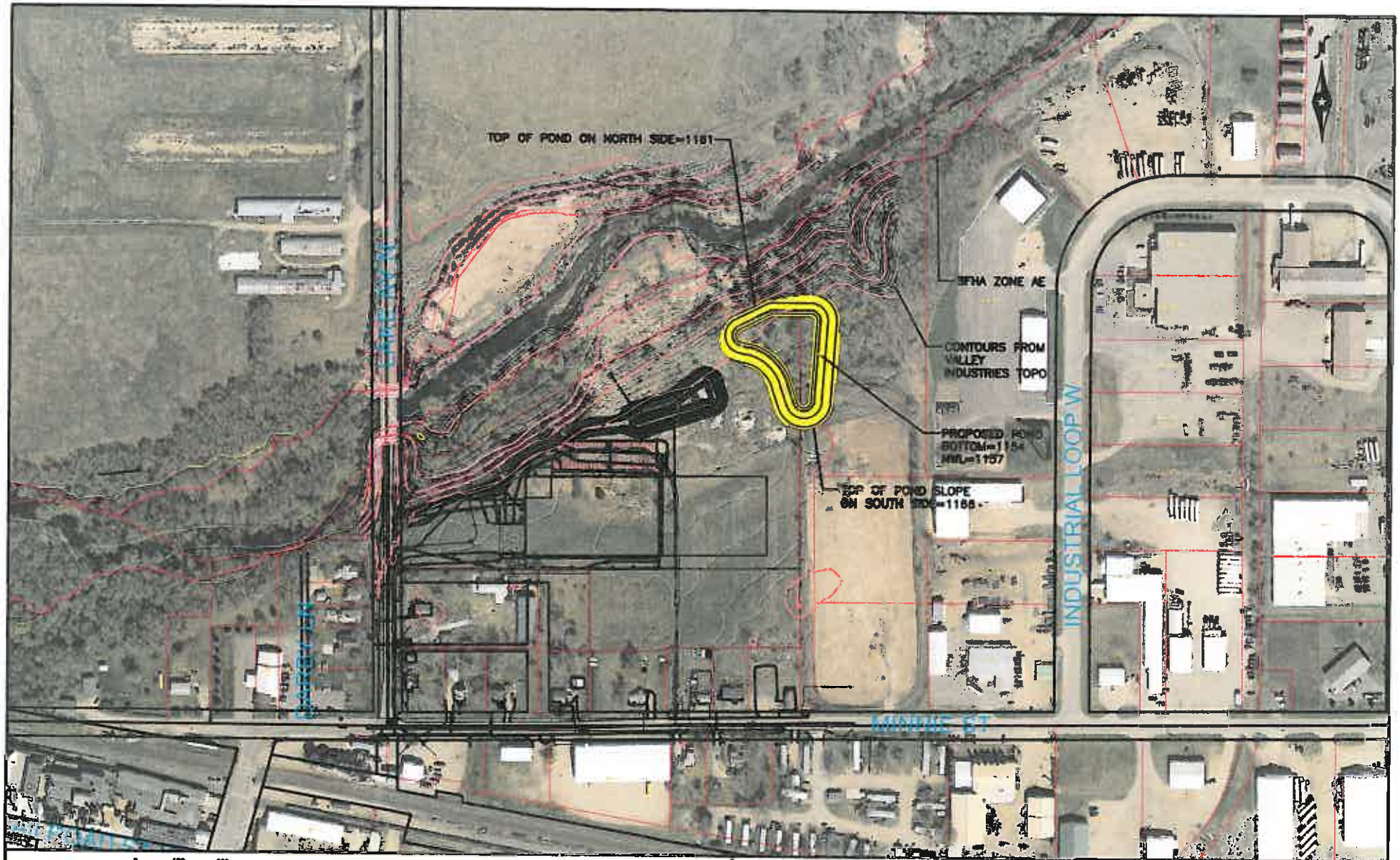
By: _____
Its:

DATED: September 25, 2013

CITY OF PAYNESVILLE

By: _____
Its: Mayor

By: _____
Its: City Administrator



BOLTON & MENK, INC.
Consulting Engineers & Surveyors

REV.	BY	DATE

CITY OF PAYNESVILLE, MINNESOTA
MINNE STREET REGIONAL POND
PRELIMINARY POND LOCATION (7)

SHEET 1 OF 1

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SNOWPLOWING CONTRACT

THIS AGREEMENT, is made and entered into by and between the City of Paynesville, a municipal corporation under the laws of the State of Minnesota, hereinafter "the City", and D & D Snowplowing, a Minnesota Corporation, hereinafter "the Contractor".

WHEREAS, the City is desirous of contracting for snowplowing services on the public streets and airport within the City of Paynesville; and

WHEREAS, the City has advertised for bids for winter snowplowing and provided a general description and specifications for the requirements of the job; and

WHEREAS, the Contractor represents that they have sufficient manpower and equipment to provide the services specified; and

WHEREAS, the Contractor was the successful bidder for the providing of these services;

NOW, THEREFORE, IT IS AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1) Term of Agreement. This Agreement shall be for a term of one (1) years commencing October 15, 2013 and terminating October 14, 2014.

2) Services to be Provided. The Contractor shall provide the services as outlined in the general description and specifications, a copy of which are attached hereto, labeled Contract Exhibit A and incorporated herein by reference.

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3) Payment for Services. The City shall pay the Contractor as and for snow removal services as follows:

a) For road grader time, $115.00/hour
b) For plow truck time, $115.00/hour
c) For 4 cu/yd pay loader time, $115.00/hour

Starting on November 1, 2013, and on the first day of each month thereafter, through and including March 1, 2014, the City shall pay to the Contractor a retainer of $1,000.00 a month which shall be earned on payment regardless of whether any snowplowing is required during those months. To the extent that snowplowing is required, the retainer shall pay for the first 10.0 hours of road grader, plow truck or 4 cu/yd Payloader time expended during each of these months.

The Contractor shall submit monthly invoices for services showing hours of use of each of the various types of equipment and crediting against those hours the retainer referenced above.

4) Indemnity & Insurance. a) Indemnity. The Contractor does hereby agree that it will defend, indemnify and hold harmless the City against any and all liability, loss, damages, costs and expenses, which the City may sustain, incur, or be required to pay by reason of bodily injury, death, property loss or damage caused by the Contractor furnishing the snow removal services provided for under the terms of this Agreement, or caused by any negligent act, omission or intentional act of the Contractor, its agents, officers or employees.

b) Insurance. The Contractor agrees that in order to protect itself, as well as the City under the indemnity provision hereinabove set forth, it will at all times during the term of this Agreement have and keep in full force and effect the liability insurance as set forth on the certificate of liability insurance which is attached hereto and incorporated herein by reference.

5) Independent Contractor. It is agreed that nothing herein contained is intended or should be construed in any manner as creating or establishing the relationship of co-partners as between the parties hereto, or as constituting the Contractor as the agent, representative or employee of the City, for any purpose or in any manner whatsoever. The Contractor is to be and shall remain an independent Contractor with respect to all services performed under this Agreement. The Contractor represents that the Contractor has or will or secure at its own expense, all personnel required to perform the services under this Agreement. Any and all personnel of the Contractor, while engaged in the performance of any work or services required by the Contractor under this Agreement, shall have no contractual relationship with the City and shall not be considered employees of the City, and any and all claims that may or might arise under the Unemployment Compensation Act or Workers Compensation Act to the State of Minnesota, on behalf of said personnel arising out of employment or alleged employment including, without limitation, claims of discrimination, shall in no way be the responsibility of the City; and the Contractor shall defend, indemnify and hold the City, its officers, agents and employees harmless

from any and all such claims irrespective of any determination of any pertinent tribunal, agency, board, commission or Court. Such personnel or other persons shall neither be required nor entitled to any compensation, rights or benefits of any kind whatsoever from the City, including without limitation 10 year rights, medical and hospital care, sick or vacation leave, workers compensation, unemployment compensation, disability, severance pay or retirement benefits.

6) Subcontracting & Assignment. Contractor shall not enter into any subcontract for performance of any of the services contemplated under this contract, nor assign any interest in the contract without the prior written approval of the City and subject to such conditions and provisions as the City may deem necessary. The Contractor shall be responsible for the performance of all subcontractors.

7) Cancellation. This contract may be cancelled by either party at any time with or without cause, upon 90 days written notice delivered by mail or in person.

IN WITNESS WHEREOF, the parties have executed this contract on the dates indicated below.

CITY OF PAYNESVILLE:

By: Jeff Thompson
Its:

By: MAYOR
Its:

CONTRACTOR:

By: Dale C Klein V.P.
Its:

By:
Its:

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2015 PROPOSED WATER & SEWER RATES

WATER RATES		
	2014	2015
Flat	$ 19.00	$ 20.00
Multi Units	$ 14.25	$ 15.00
Bulk 2,001-99,999	$ 2.65	$ 2.77
Bulk 100,000-500,000	$ 2.60	$ 2.72
Bulk over 500,000	$ 2.59	$ 2.71
Consevation Rate		$2.82

We are proposing a $1.00 increase to the base rate and $.12 increase in the bulk water rate for 2015.

SEWER RATES		
	2014	2015
Flat	$ 21.00	$ 21.00
Multi User	$ 15.75	$ 15.75
Bulk	$ 2.75	$ 2.85

We are proposing a $.10 increase in the bulk sewer rate for 2015.

Homeowner Based on 17,000 gallons

Old Actual Bills		Proposed-$1.00 increase base rate and $.08 increase in bulk water rate $.13 increase in bulk sewer rate
Water	$ 58.75	$ 61.55
Sewer	$ 62.25	$ 63.75
Total	$ 121.00	$ 125.30

Difference: $3.15 per quarter or $1.05 per month

Industry Based on 500,000 gallons

Old Actual Bills		Proposed-$1.00 increase base rate and $.08 increase in bulk water rate $.13 increase in bulk sewer rate
Water	1318.70	1379.46
Sewer	1390.50	1440.30
Total	2709.20	2819.76

Difference: $110.56 per quarter or $36.86 per month

AMPI Based on 6.0 MG Water/10.0 MG Sewer

Old Actual Bills		Proposed-$1.00 increase base rate and $.08 increase in bulk water rate $.13 increase in bulk sewer rate
Water	15900.00	16620.00
Sewer	27500.00	28500.00
Total	43400.00	45120.00

Difference: $1,720.00 per month

Industrial Charges

Industrial BOD Charge	Existing	.025 Cents Per LB of BOD	Wind Power Mixers
	Proposed	0.005 cents per LB of BOD	
AMPI	80% of aeration Pond Operation		By SIU agreement
MasterMark	8% of aeration Pond operation		

RATE COMPARISONS				
	WATER		SEWER	
	QUARTERLY		QUARTERLY	
CITY	FLAT RATE	BULK	FLAT RATE	BULK
Avon	$ 30.00	$ 2.59	$ 32.10	$ 4.25
Cold Spring	$ 12.00	$ 1.50	$ 34.50	$ 6.00
Melrose	$ 34.50	$ 1.23	$ 61.89	$ 2.13
Paynesville	$ 19.00	$ 2.65	$ 21.00	$ 2.75
Sauk Centre	$ 35.55	$ 3.17	$ 21.36	$ 7.30
New London	$ 40.80	$ 6.00	$ 67.20	$ 11.35
Eden Valley	$ 27.00	$ 8.75	$ 30.00	$ 5.25
Richmond	$ 70.50	$ 3.36	$ 21.75	$ 8.58
Watkins	$ 21.00	$ 7.05	$ 30.00	$ 11.83

WATER/SEWER CONNECT FEE COMPARISON					
CITY	CONNECT FEE			TRUNK FEE	
	WATER	METER FEE	SEWER	WATER	SEWER
Avon	$ 1,240.00	$ 350.00	$ 4,360.00	Varies by development	
Cold Spring	$ 1,600.00	$ 245.00	$ 4,800.00	Do Not Charge	
Melrose	$ 905.00	$ 276.00	$ 1,141.00	Do Not Charge	
Paynesville	$ 800.00	$ 215.00	$ 1,000.00	$1,390/acre	$1,270/acre
Sauk Centre	$ 1,195.00		$ 1,791.00	Do Not Charge	
New London	$ 1,000.00	$ 98.00	$ 1,000.00	Do Not Charge	
Eden Valley	$ 1,000.00		$ 1,000.00	Do Not Charge	
Richmond	$ 2,465.00		$ 4,950.00	Do Not Charge	
Watkins	$ 1,000.00		$ 1,000.00	Do Not Charge	

CITY OF PAYNESVILLE RATE INCREASE HISTORY				
YEAR	WATER		SEWER	
	flat rate	bulk rate	flat rate	bulk rate
2014		$ 0.08		$ 0.13
2013		$ 0.09		$ 0.15
2012	$ 2.00	$ 0.14	$ 3.00	$ 0.20
2011	$ 2.00	$ 0.17	$ 2.00	$ 0.10
2010	$ 0.50	$ 0.08		$ 0.05
2009		$ 0.06		$ 0.03
2008		$ 0.10		$ 0.10
2007		$ 0.10		$ 0.10
2006	$ 0.87	$ 0.10	$ 0.02	$ -
2005		$ 0.11		$ 0.08
2004		$ 0.11		$ -

1 Gallon of gas	$3.29
1 Gallon of milk	$3.70
Average monthly elec bill	$125.00
Average monthly gas bill	$75.00
Average monthly cable bill	$150.00

WATER LOSS REPORT						
Quarter	City Water Sold		City Water Pumped		% Loss	
1st	$ 42,227,000		$ 47,176,000		10.5%	
2nd	$ 41,977,000		$ 45,918,000		8.6%	
2 qtrs/2014	$ 84,204,000		$ 93,094,000		9.5%	
Previous Years Totals						
2013	$ 164,746,000		$ 184,361,000		10.6%	
2012	$ 165,084,000		$ 185,966,000		11.2%	
2011	$ 156,930,000		$ 183,339,000		14.4%	
2010	$ 169,329,000		$ 191,288,000		11.5%	
2009	$ 169,119,000		$ 186,094,000		9.1%	
2008	$ 160,667,000		$ 174,154,000		7.7%	
2007	$ 174,309,000		$ 188,067,000		7.3%	
2006	$ 167,632,000		$ 183,376,000		8.6%	
2005	$ 177,680,000		$ 192,445,000		7.7%	
2004	$ 173,812,000		$ 195,327,000		11.0%	
2003	$ 164,485,000		$ 198,328,000		17.1%	**
2002	$ 178,910,000		$ 196,881,000		9.1%	
** Not accurate due to tower being down						

SEWER LOSS REPORT						
Quarter	City Sewer Sold		City Sewer Pumped		% Loss	
1st	$ 50,255,000		$ 59,027,000		14.9%	
2nd	$ 51,820,000		$ 68,872,000		24.8%	
2 qtrs/2014	$ 102,075,000		$ 127,899,000		20.2%	
Previous Years Totals						
2013	$ 198,722,000		$ 229,924,000		13.6%	
2012	$ 208,387,000		$ 220,897,000		5.7%	
2011	$ 212,216,000		$ 280,041,000		24.2%	
2010	$ 208,899,000		$ 279,093,000		25.1%	
2009	$ 208,877,000		$ 270,674,000		22.8%	
2008	$ 202,626,000		$ 252,363,000		19.7%	
2007	$ 199,518,000		$ 238,460,000		16.3%	

2006	$ 195,688,000		$ 233,496,000		16.2%	
2005	$ 205,837,000		$ 236,474,000		13.0%	
2004	$ 199,635,000		$ 216,942,000		8.0%	
2003	$ 190,584,000		$ 223,715,000		14.8%	
2002	$ 206,277,000		$ 244,044,000		15.5%	

PROJECTED REVENUE WATER				
Proposed			Budgeted	
Flat Rate	$ 20.00	$ 76,000.00	Expenses	
Multi Users	$ 15.00	$ 16,560.00		
Bulk 75MG @	$ 2.77	$ 207,750.00		
Bulk 100,000-500,000 30MG	$ 2.72	$ 81,600.00	$ 741,885.00	
Bulk over 500,000 65MG @	$ 2.71	$ 176,150.00	$ (160,782.00)	depreciation
Conservation Rate	$2.82	$ 5,640.00		
Grant funds		$ 7,500.00		
Interest Income		$ 11,000.00		
Total		$ 582,200.00	$ 581,103.00	

PROJECTED REVENUE SEWER				
Proposed			Budgeted	
Flat Rate	$ 21.00	$ 79,800.00	Expenses	
Multi Users	$ 15.75	$ 17,388.00		
Bulk 202MG @	$ 2.85	$ 575,700.00		
Irrigation		$ 90,900.00		
Interest Income		$ 11,000.00	$ 1,108,862.00	
Master Mark				
Pretreatment Utility Charge		$ 8,800.00		
AMPI			$ (238,084.00)	depreciation
Pretreatment Utility Charge		$ 88,000.00		
Total		$ 871,588.00	$ 870,778.00	

Cash Balances as of July 2014

Water Fund	$ 289,253.39
Water Equipment Replacement Fund	$ 777,501.38
Sewer Fund	$ 176,911.00
Sewer Equipment Replacement Fund	$ 942,511.97
Biosolids Removal Charge (AMPI)	$ (73,100.00)
Water Capital Improvement	$ 561,529.19
Sewer Capital Improvement	$ 386,339.83
Preareation Replacement Fund	$ 115,588.29

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TOTAL IRRIGATION PER YEAR						
IN FLOW OF .887 - 323.76 MG PER YEAR						
ACTUAL INCHES						
					4 Year	Running
Pivot #	2011	2012	2013	2014	Average	Average
2	5.50	9.53	9.95	4.07	7.26	6.23
3	0.62	5.02	4.41	1.86	2.98	3.93
6	7.16	13.01	13.26	6.30	9.93	7.72
8	13.49	8.61	12.80	5.10	10.00	9.72
11	7.58	7.63	6.23	2.82	6.07	6.08
12	18.43	14.37	16.52	5.42	13.69	10.76
14	6.53	8.97	8.84	4.18	7.13	11.35
15	4.38	8.94	9.23	3.67	6.56	8.21
15C	5.95	0.00	0.17	0.34	1.62	6.88
17C	37.19	0.00	10.66	12.47	15.08	14.02
19A	12.02	7.05	6.93	5.48	7.87	8.24
19B	37.37	0.00	0.00	0.00	9.34	12.49
20	9.64	6.39	7.70	4.83	7.14	9.23
20	6.90	5.31	7.15	3.94	5.83	7.04
21	2.72	10.09	14.21	5.06	8.02	7.66

	Total	
	Gallons	Yearly
Year	Irrigated	Rainfall
1994	252.90	23.51
1995	278.11	33.27
1996	225.36	14.28
1997	251.05	25.81
1998	202.29	24.67
1999	225.18	21.65
2000	161.84	17.02
2001	259.94	21.01
2002	258.12	34.22
2003	223.22	21.96
2004	215.89	27.62
2005	275.57	31.98
2006	79.87	17.62
2007	250.66	11.84

*40 m.g. discharged

2008	272.35	20.57
2009	296.40	23.35
2010	283.49	24.30
2011	321.95	29.21
2012	222.58	15.30
2013	155.45	22.14
2014	149.26	19.34

AS OF JULY 2014

2015 AGREEMENTS FOR IRRIGATION				
		# OF		TOTAL $
NAME	PIVOT #	ACRES	CHARGE/ACRE	AMOUNT
Larry Rien	2	22	$ 34.00	$ 748.00
City of Paynesville				
Renter: Tim Wegner	2*	73.5	$ 277.00	$ 20,359.50
Renter: Tim Wegner	3*	39	$ 277.00	$ 10,803.00
Bill Pflipsen	3	105	$ 34.00	$ 3,570.00
Bill Phlipsen	11	65	$ 34.00	$ 2,210.00
Bill Pflipsen	6	69	$ 34.00	$ 2,346.00
Ken Jarcho / Richard Lahr	8	85	$ 34.00	$ 2,890.00
Art Voss	11	33	$ 34.00	$ 1,122.00
Art Voss	12	40	$ 34.00	$ 1,360.00
Renter: Jack Hennen	17N	140	$ 45.00	$ 6,300.00
City of Paynesville				
Renter: Steve Gottwald	14N*	70	$ 170.00	$ 11,900.00
City of Paynesville				
Renter: Steve Gottwald	15N	80	$ 45.00	$ 3,600.00
City of Paynesville				
Renter: Mages-Welle	20N	78	$ 170.00	$ 13,260.00
Mages-Welle	20N	45	$ 34.00	$ 1,530.00
Stephen Gottwald	14N	65	$ 34.00	$ 2,210.00
Stephen Gottwald	15N	52	$ 34.00	$ 1,768.00
Miller/Stanis	19A	18	$ -	$ -
Miller/Stanis	19B	20	$ -	$ -
Miller/Stanis	21	57	$ 34.00	$ 1,938.00
Wettels	19A	26	$ 34.00	$ 884.00
Buermann	21	64	$ 34.00	$ 2,176.00
TOTALS				$ 90,974.50

Proposed Sewer Rates - Re-Scoped Project (8-7-12)

Projected Rates Based on Low Base Bid

City of Paynesville

USAGE (GALLONS PER QUARTER)	CURRENT COST (QUARTERLY)	PROPOSED COST (QUARTERLY)	QUARTERLY INCREASE	MONTHLY INCREASE	DAILY INCREASE
5,000	$28.41	$30.60	$2.19	$0.73	$0.02
10,000	$40.76	$46.60	$5.84	$1.95	$0.06
15,000	$53.11	$62.60	$9.49	$3.16	$0.10
20,000	$65.46	$78.60	$13.14	$4.38	$0.14
25,000	$77.81	$94.60	$16.79	$5.60	$0.18
30,000	$90.16	$110.60	$20.44	$6.81	$0.22
40,000	$114.86	$142.60	$27.74	$9.25	$0.30
50,000	$139.56	$174.60	$35.04	$11.68	$0.38

CURRENT RATES: $21.00 BASE RATE
$2.47 BULK RATE (PER 1000 GALLONS)

PROPOSED RATES: $21.00 BASE RATE
$3.20 BULK RATE (PER 1000 GALLONS)

Phased Rate Increase using Dedicated Reserves

Year	Proposed Usage Rate	Revenue from Increased Usage Rate	Projected Loan Payment	Funds Required from Dedicated Reserves
2012	$2.47	$0.00	$0.00	$0.00
2013	$2.62	$29,305.12	$163,437.53	$134,132.41
2014	$2.76	$58,610.24	$163,437.53	$104,827.29
2015	$2.91	$87,915.36	$163,437.53	$75,522.17
2016	$3.05	$117,220.48	$163,437.53	$46,217.05
2017	$3.20	$146,525.60	$163,437.53	$16,911.93
2018	$3.20	$146,525.60	$163,437.53	$16,911.93
2019	$3.20	$146,525.60	$163,437.53	$16,911.93
2020	$3.20	$146,525.60	$163,437.53	$16,911.93
2021	$3.20	$146,525.60	$163,437.53	$16,911.93
2022	$3.20	$146,525.60	$163,437.53	$16,911.93
2023	$3.20	$146,525.60	$163,437.53	$16,911.93
2024	$3.20	$146,525.60	$163,437.53	$16,911.93
2025	$3.20	$146,525.60	$163,437.53	$16,911.93
2026	$3.20	$146,525.60	$163,437.53	$16,911.93
2027	$3.20	$146,525.60	$163,437.53	$16,911.93
2028	$3.20	$146,525.60	$163,437.53	$16,911.93
2029	$3.20	$146,525.60	$163,437.53	$16,911.93
2030	$3.20	$146,525.60	$163,437.53	$16,911.93
2031	$3.20	$146,525.60	$163,437.53	$16,911.93
2032	$3.20	$146,525.60	$163,437.53	$16,911.93
Total		$2,637,460.80	$3,268,750.70	$631,289.90

Proposed Water Rates (Based on AsBid Prices 9-11-13)

Projected Rates Based on $1M Reserve Contribution & a $70K Reduction in the Water Budget

City of Paynesville

USAGE (GALLONS PER QUARTER)	CURRENT COST (QUARTERLY)	PROPOSED COST (QUARTERLY)	QUARTERLY INCREASE	MONTHLY INCREASE	DAILY INCREASE
10,000	$39.56	$45.56	$6.00	$2.00	$0.07
15,000	$52.41	$60.91	$8.50	$2.83	$0.09
17,000	$57.55	$67.05	$9.50	$3.17	$0.10
20,000	$65.26	$76.26	$11.00	$3.67	$0.12
25,000	$78.11	$91.61	$13.50	$4.50	$0.15
30,000	$90.96	$106.96	$16.00	$5.33	$0.18
40,000	$116.66	$137.66	$21.00	$7.00	$0.23
50,000	$142.36	$168.36	$26.00	$8.67	$0.28

CURRENT RATES: $19.00 BASE RATE
$2.57 BULK RATE (PER 1000 GALLONS)

PROPOSED RATES: $21.00 BASE RATE
$3.07 BULK RATE (PER 1000 GALLONS)

Phased Rate Increase using Dedicated Reserves

Year	Proposed Usage Rate	Revenue from Increased Usage Rate	Proposed Base Rate	Revenue from Increased Base Rate	Contribute $70K from Water Budget	Projected Loan Payment	Funds Required from Dedicated Reserves
2013	$2.57	$0.00	$19.00	$0.00	$0.00	$0.00	$0.00
2014	$2.67	$16,072.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$105,104.78
2015	$2.77	$32,144.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$89,032.78
2016	$2.87	$48,216.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$72,960.78
2017	$2.97	$64,288.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$56,888.78
2018	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2019	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2020	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2021	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2022	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2023	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2024	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2025	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2026	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2027	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2028	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2029	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2030	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2031	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2032	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
2033	$3.07	$80,360.00	$21.00	$9,280.00	$70,000.00	$200,456.78	$40,816.78
Total		$1,446,480.00		$185,600.00	$1,400,000.00	$4,009,135.54	$977,055.54

110-WATER FUND

REVENUES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
WATER RECEIPTS								
110-4-3720-0450 WA CONNECTION/TRUNK FEES	4,279	4,397	5,724	0	1,398	0	0	0.00
110-4-3720-0780 DAMAGE DEPOSIT	0	0	0	0	500	0	0	0.00
110-4-3720-1170 GRANT MONIES	0	16,346	0	0	8,466	0	0	0.00
110-4-3720-2103 METERED CONSUMER SALES	422,508	473,452	487,122	543,032	221,459	0	(543,032)	100.00-
110-4-3720-2110 WATER PURCHASED IN BULK	1,084	2,189	552	0	436	0	0	0.00
110-4-3720-2150 SALES TAX RECEIPTS	10,713	11,666	12,437	0	6,149	0	0	0.00
110-4-3720-2810 NEW WATER METERS	1,733	2,294	2,175	0	725	0	0	0.00
110-4-3720-3100 INTEREST INCOME ON INVESTMENTS	11,887	7,938	9,641	11,000	4,118	0	(11,000)	100.00-
110-4-3720-3110 CHANGE IN FAIR MARKET VALUE	192	1,082	(8,323)	0	0	0	0	0.00
110-4-3720-4030 CONTRIBUTION REVENUE	0	0	0	0	0	0	0	0.00
110-4-3720-4031 WATER FESTIVAL DONATION	500	775	450	0	650	0	0	0.00
110-4-3720-4050 OTHER MISCELLANEOUS INCOME	4,346	1,385	296	0	992	0	0	0.00
110-4-3720-5110 SPECIAL ASSESSMENTS FROM MUNI	0	0	0	0	0	0	0	0.00
110-4-3720-5320 SPECIAL ASSESSMENTS FROM COUNT	1,300	127	(866)	0	0	0	0	0.00
110-4-3720-9600 PERMANENT TRANSFERS IN	24,000	0	0	0	0	0	0	0.00
110-4-3720-9601 CAPITAL CONTRIBUTIONS FROM GEN	217,080	0	0	0	0	0	0	0.00
TOTAL WATER RECEIPTS	699,622	521,651	509,207	554,032	244,894	0	(554,032)	100.00-
TOTAL REVENUES	699,622	521,651	509,207	554,032	244,894	0	(554,032)	100.00-

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110-WATER FUND
SOURCE OF SUPPLIES - WELL

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
110-5-4821-1320 PROFESSIONAL SERVICES (TESTING	0	30	49	200	38	200	0	0.00
110-5-4821-2200 UTILITIES	16,466	15,946	16,102	18,000	10,493	18,000	0	0.00
110-5-4821-2400 MAINTENANCE & REPAIR OF EQUIP	0	6,786	465	10,000	1,876	10,000	0	0.00
110-5-4821-2500 MAINTENANCE & REPAIR OF BLDG	62	507	0	0	0	0	0	0.00
110-5-4821-3000 GENERAL/OFFICE SUPPLIES	169	160	0	200	0	200	0	0.00
110-5-4821-4600 LICENSES & TAXES	0	0	0	0	0	0	0	0.00
TOTAL SOURCE OF SUPPLIES - WELL	16,697	23,429	16,616	28,400	12,408	28,400	0	0.00

5-4821-2200 UTILITIES CURRENT YEAR NOTES:
Power for wells 5,6,7 & 8

5-4821-2400 MAINTENANCE & REPAIR OFCURRENT YEAR NOTES:
Emergency break down of wells

5-4821-2500 MAINTENANCE & REPAIR OFCURRENT YEAR NOTES:
Well 3 has been sealed, that was the only building we had

110-WATER FUND
PURIFICATION

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
110-5-4823-1320 PROFESSIONAL SERVICES (TESTING	288	0	0	300	146	300	0	0.00
110-5-4823-2200 UTILITIES	18,766	19,672	20,335	20,000	13,574	24,000	4,000	20.00
110-5-4823-2400 MAINTENANCE & REPAIR OF EQUIP	1,183	2,131	1,607	2,500	536	2,500	0	0.00
110-5-4823-3000 GENERAL/OFFICE SUPPLIES	187	(331)	30	350	34	350	0	0.00
110-5-4823-3010 PLANT CHEMICALS	8,256	7,946	8,286	9,500	2,707	9,500	0	0.00
110-5-4823-3811 UNIFORMS	0	0	0	0	174	0	0	0.00
110-5-4823-5200 NEW EQUIPMENT	0	1,969	0	2,000	0	2,000	0	0.00
TOTAL PURIFICATION	28,681	31,387	30,258	34,650	17,171	38,650	4,000	11.54

5-4823-2200 UTILITIES
CURRENT YEAR NOTES:
Additional pumps in the water plant

5-4823-2400 MAINTENANCE & REPAIR OF
CURRENT YEAR NOTES:
Water plant repairs

5-4823-3010 PLANT CHEMICALS
CURRENT YEAR NOTES:
Water treatment plant chemicals

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110-WATER FUND
DISTRIBUTION

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
110-5-4824-1311 PROFESSIONAL SERVICES (GENERAL	0	48	328	0	136	400	400	0.00
110-5-4824-1320 PROFESSIONAL SERVICES (TESTING	564	720	807	720	420	750	30	4.17
110-5-4824-2400 MAINTENANCE & REPAIR OF EQUIP	11,842	2,993	9,673	12,000	12,575	12,000	0	0.00
110-5-4824-2900 CONTRACTUAL SERVICE	2,699	1,712	1,200	1,800	1,700	1,800	0	0.00
110-5-4824-3000 GENERAL/OFFICE SUPPLIES	1,159	1,066	398	1,200	443	800	(400)	33.33-
110-5-4824-4300 SUBSCRIPTIONS & MEMBERSHIPS	0	0	0	0	0	0	0	0.00
110-5-4824-5200 NEW EQUIPMENT	5,566	3,783	4,525	5,000	6,795	6,000	1,000	20.00
TOTAL DISTRIBUTION	21,830	10,322	16,932	20,720	22,068	21,750	1,030	4.97

5-4824-1311 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Gopher state one call tickets

5-4824-1320 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Monthly Bac t sampling

5-4824-2400 MAINTENANCE & REPAIR OFCURRENT YEAR NOTES:
Water leaks

5-4824-2900 CONTRACTUAL SERVICE CURRENT YEAR NOTES:
Leak detection services

5-4824-3000 GENERAL/OFFICE SUPPLIESCURRENT YEAR NOTES:
Gopher state call to code 1311

5-4824-5200 NEW EQUIPMENT CURRENT YEAR NOTES:
Price increase on new equipment

110-WATER FUND
ADMINISTRATION AND GENERA

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
110-5-4825-1000 SALARIES	47,416	53,333	47,556	56,763	26,546	59,660	2,897	5.10
110-5-4825-1060 FICA WITHHOLDINGS	2,668	2,933	2,856	3,519	1,607	3,699	180	5.11
110-5-4825-1070 PERA WITHHOLDINGS	3,378	3,520	3,426	4,034	2,010	4,399	365	9.04
110-5-4825-1080 MEDICARE WITHHOLDINGS	623	686	668	823	376	865	42	5.10
110-5-4825-1090 HEALTH INSURANCE	8,022	8,148	7,375	6,941	4,014	7,750	809	11.65
110-5-4825-1180 ENGINEERING	225	159	0	750	808	1,000	250	33.33
110-5-4825-1290 PROFESSIONAL SERVICES (SAFETY)	1,250	1,100	1,344	1,300	50	1,350	50	3.85
110-5-4825-1300 PROFESSIONAL SERVICES (LEGAL)	270	138	110	500	173	500	0	0.00
110-5-4825-1310 PROFESSIONAL SERVICES (AUDIT)	3,903	4,953	5,625	5,800	5,828	5,850	50	0.86
110-5-4825-1311 PROFESSIONAL SERVICES (GENERAL	281	92	167	150	0	150	0	0.00
110-5-4825-2000 POSTAGE	747	571	1,181	1,050	1,310	1,200	150	14.29
110-5-4825-2020 TELEPHONE	2,513	3,118	3,196	3,406	1,658	3,500	94	2.76
110-5-4825-2100 PRINTING & PUBLISHING	594	1,143	487	1,400	1,152	1,400	0	0.00
110-5-4825-2300 TRAVEL & SCHOOLS	370	287	656	1,250	390	1,250	0	0.00
110-5-4825-2400 MAINTENANCE & REPAIR OF EQUIP	4,827	3,941	3,898	4,800	1,896	4,800	0	0.00
110-5-4825-3000 GENERAL/OFFICE SUPPLIES	1,102	304	346	1,200	430	700	(500)	41.67-
110-5-4825-3300 MOTOR FUELS & LUBRICANTS	2,637	2,422	2,015	3,500	881	3,500	0	0.00
110-5-4825-3811 UNIFORMS	1,146	1,151	1,431	1,300	489	1,600	300	23.08
110-5-4825-4100 INSURANCE AND BONDS	4,959	4,811	3,763	6,607	0	4,230	(2,377)	35.98-
110-5-4825-4110 WORKERS' COMP INS	3,658	3,645	5,239	5,590	6,961	7,000	1,410	25.22
110-5-4825-4300 SUBSCRIPTIONS AND MEMBERSHIPS	740	420	1,040	750	420	750	0	0.00
110-5-4825-4590 LICENSES & PERMITS	1,495	2,840	2,990	1,500	315	1,600	100	6.67
110-5-4825-5060 NEW BUILDINGS AND STRUCTURES	0	0	0	0	0	0	0	0.00
110-5-4825-5300 EQUIPMENT RENTAL/LEASE	714	516	413	600	728	750	150	25.00
110-5-4825-8020 MISCELLANEOUS	0	0	0	0	0	0	0	0.00
110-5-4825-8030 DAMAGE DEPOSIT REFUND	0	0	0	0	0	0	0	0.00
TOTAL ADMINISTRATION AND GENERA	93,538	100,232	95,780	113,533	58,039	117,503	3,970	3.50

5-4825-1180 ENGINEERING CURRENT YEAR NOTES:
Mapping & small projects

5-4825-1290 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Safety contract

5-4825-1310 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Audit

5-4825-1311 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
County assessment charge

5-4825-2000 POSTAGE CURRENT YEAR NOTES:
Extra letters sent out for water freeze ups

5-4825-2100 PRINTING & PUBLISHING CURRENT YEAR NOTES:
CCR, shut off notices, freeze up notes

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110-WATER FUND
ADMINISTRATION AND GENERA

EXPENDITURES		2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
5-4825-2400	MAINTENANCE & REPAIR OF	CURRENT YEAR NOTES: Copier, computer, meter reader items							
5-4825-3811	UNIFORMS	CURRENT YEAR NOTES: uniforms, safety boots							
5-4825-4300	SUBSCRIPTIONS AND MEMBE	CURRENT YEAR NOTES: AWWA, Rural water, Cental mn all.							
5-4825-4590	LICENSES & PERMITS	CURRENT YEAR NOTES: Water permit, new vehhilce licenses							
5-4825-5300	EQUIPMENT RENTAL/LEASE	CURRENT YEAR NOTES: Copier							

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110-WATER FUND
NON-OPERATING EXPENSES

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
110-5-4826-4920 DEPRECIATION EXPENSE	160,782	80,740	80,193	160,782	0	160,782	0	0.00
110-5-4826-4930 GAIN/LOSS ON DISPOSAL	979	0	0	0	0	0	0	0.00
110-5-4826-5010 LAND	0	0	0	0	0	0	0	0.00
110-5-4826-5060 NEW BUILDINGS AND STRUCTURES	0	0	0	0	0	0	0	0.00
110-5-4826-5350 WELLHEAD PROTECTION	8,885	8,386	2,037	13,000	4,311	7,500	(5,500)	42.31-
110-5-4826-5400 TF TO CAPITAL IMP	125,000	140,000	145,000	75,000	75,000	15,000	(60,000)	80.00-
110-5-4826-5450 TF TO WR EQUIP REPLACEMENT FUN	74,531	78,442	89,895	91,392	91,392	30,000	(61,392)	67.17-
110-5-4826-7010 PERMANENT TRANSFER OUT	0	0	0	0	0	0	0	0.00
110-5-4826-7050 TF TO DOWNTOWN DEBT	0	0	0	0	0	0	0	0.00
110-5-4826-7080 TF TO FILTRATION PLANT DEBT	0	0	0	70,000	110,000	214,500	144,500	206.43
110-5-4826-7450 TF TO INFRASTRUCTURE DEBT	0	0	0	0	0	0	0	0.00
110-5-4826-7460 TF TO 1996 STREET DEBT	0	0	0	0	0	0	0	0.00
110-5-4826-7470 TF TO 1998 STREET DEBT	0	0	0	0	0	0	0	0.00
110-5-4826-7490 TF TO 1999 WELL PROJECT	0	0	0	0	0	0	0	0.00
110-5-4826-7500 TF TO 2000 STREET DEBT	0	0	0	0	0	0	0	0.00
110-5-4826-7510 TF TO 2002 LAKE AVE DEBT	0	0	0	0	0	0	0	0.00
110-5-4826-7520 TF TO 2004 DEBT FUND	17,500	20,000	20,000	20,000	20,000	20,000	0	0.00
110-5-4826-7530 TF TO 2006 DEBT FUND	10,500	10,500	10,500	10,500	10,500	10,500	0	0.00
110-5-4826-7540 TF TO 2008 DEBT FUND	25,500	25,500	25,500	25,500	25,500	25,500	0	0.00
110-5-4826-7550 TF TO 2010 DEBT FUND	12,000	12,000	12,000	12,000	12,000	12,000	0	0.00
110-5-4826-7560 TF TO HWY 23 DEBT	30,000	30,000	30,000	30,000	30,000	30,000	0	0.00
110-5-4826-7565 TF TO 2014 DEBT FUND	0	0	0	10,000	10,000	10,000	0	0.00
110-5-4826-8100 SALES TAX	10,776	11,681	12,459	0	6,358	0	0	0.00
110-5-4826-8110 SAFE WATER STATE FEE	(629)	(630)	(502)	0	(1,004)	0	0	0.00
110-5-4826-8200 REFUNDS & REIMBURSEMENTS	0	0	0	0	0	0	0	0.00
TOTAL NON-OPERATING EXPENSES	475,824	416,619	427,082	518,174	394,056	535,782	17,608	3.40

5-4826-5350 WELLHEAD PROTECTION CURRENT YEAR NOTES:
Will apply for grants to cover water fest. news letter and continue the well sealing program

TOTAL EXPENDITURES	636,570	581,989	586,668	715,477	503,743	742,085	26,608	3.72
REVENUE OVER/(UNDER) EXPENDITURES	63,052	(60,338)	(77,461)	(161,445)	(258,849)	(742,085)	(580,640)	

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CITY OF PAYNESVILLE
PROPOSED BUDGET REPORT
AS OF: JULY 31ST, 2014

115-SEWER FUND

REVENUES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
SEWER RECEIPTS								
115-4-3540-0450 SE CONNECTION/TRUNK FEES	1,131	678	3,500	0	0	0	0	0.00
115-4-3540-0490 PERMIT FEES	0	100	0	0	0	0	0	0.00
115-4-3540-0990 SALE OF FIXED ASSETS	0	3,690	1,845	0	0	0	0	0.00
115-4-3540-1012 MASTERMARK SURCHARGE	40,018	25,820	0	0	0	0	0	0.00
115-4-3540-2102 MONTHLY CONSUMER SALES	347,070	338,853	326,780	333,654	170,557	0	(333,654)	100.00-
115-4-3540-2104 QUARTERLY CONSUMER SALES	180,990	204,847	204,966	319,034	87,620	0	(319,034)	100.00-
115-4-3540-3100 INTEREST INCOME ON INVESTMENTS	14,930	8,156	8,442	11,000	3,372	0	(11,000)	100.00-
115-4-3540-3110 CHANGE IN FAIR MARKET VALUE	242	1,103	(7,419)	0	0	0	0	0.00
115-4-3540-4030 CONTRIBUTION REVENUE	0	0	0	0	0	0	0	0.00
115-4-3540-4045 DONATIONS - RV DUMP	3,760	368	337	0	165	0	0	0.00
115-4-3540-4050 OTHER MISCELLANEOUS INCOME	2,349	200	395	0	0	0	0	0.00
115-4-3540-4060 UTILITY PAYMENTS FROM AMPI	60,032	61,080	77,500	92,400	54,796	0	(92,400)	100.00-
115-4-3540-4570 REIMBURSEMENTS	0	4,230	0	0	0	0	0	0.00
115-4-3540-7700 ACREAGE PAYMENTS FROM FARMERS	88,359	77,346	80,624	81,350	0	0	(81,350)	100.00-
115-4-3540-9600 PERMANENT TRANSFERS IN	45,609	0	0	0	0	0	0	0.00
115-4-3540-9601 CAPITAL CONTRIBUTIONS FROM GEN	607,681	0	0	0	0	0	0	0.00
115-4-3540-9670 INSPECTION FEES/MILEAGE-RON ME	3,354	4,121	4,333	0	2,853	0	0	0.00
TOTAL SEWER RECEIPTS	1,395,525	730,592	701,303	837,438	319,363	0	(837,438)	100.00-
TOTAL REVENUES	1,395,525	730,592	701,303	837,438	319,363	0	(837,438)	100.00-

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115-SEWER FUND
COLLECTIONS - CITY MAINS

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
115-5-4841-2200 UTILITIES	4,740	4,168	3,967	4,750	2,845	4,750	0	0.00
115-5-4841-2400 MAINTENANCE & REPAIR OF EQUIP	11,980	2,723	4,276	7,500	1,677	7,500	0	0.00
115-5-4841-2450 M & R OF EQUIP-LIFT STATIONS	4,483	3,772	4,322	6,000	4,331	6,000	0	0.00
115-5-4841-2900 CONTRACTUAL SERVICE	0	9,991	12,063	11,000	0	12,000	1,000	9.09
115-5-4841-3000 GENERAL/OFFICE SUPPLIES	314	145	346	500	105	500	0	0.00
TOTAL COLLECTIONS - CITY MAINS	21,516	20,799	24,973	29,750	8,958	30,750	1,000	3.36

5-4841-2200 UTILITIES CURRENT YEAR NOTES:
Small Lift xcel energy

5-4841-2400 MAINTENANCE & REPAIR OFCURRENT YEAR NOTES:
Collection system main breaks

5-4841-2450 M & R OF EQUIP-LIFT STACURRENT YEAR NOTES:
We had a lot of repairs in 2014 the next few years should be down

5-4841-2900 CONTRACTUAL SERVICE CURRENT YEAR NOTES:
Sewer jetting

115-SEWER FUND
DISPOSAL - MAIN LIFT STAT

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
115-5-4842-1320 PROFESSIONAL SERVICES (TESTING	14,165	10,208	10,386	14,000	6,110	13,000	(1,000)	7.14-
115-5-4842-2020 TELEPHONE	745	343	1,133	500	1,023	1,100	600	120.00
115-5-4842-2200 UTILITIES	12,126	10,268	14,703	13,000	9,558	15,000	2,000	15.38
115-5-4842-2440 M & R OF EQUIP-PONDS	3,718	4,780	1,600	5,000	748	5,000	0	0.00
115-5-4842-2450 M & R OF EQUIP-LIFT STATIONS	8,875	3,313	1,103	4,000	4,950	4,000	0	0.00
115-5-4842-2900 CONTRACTUAL SERVICE	0	1,270	600	1,000	400	1,000	0	0.00
115-5-4842-3000 GENERAL/OFFICE SUPPLIES	291	232	260	600	22	500	(100)	16.67-
115-5-4842-3010 PLANT CHEMICALS	0	0	0	0	315	500	500	0.00
115-5-4842-3820 REFUSE COLLECTION	2,087	2,072	3,561	2,800	2,158	3,500	700	25.00
TOTAL DISPOSAL - MAIN LIFT STAT	42,009	32,485	33,346	40,900	25,284	43,600	2,700	6.60

5-4842-1320 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Lab testing

5-4842-2200 UTILITIES CURRENT YEAR NOTES:
Xcel energy

5-4842-3010 PLANT CHEMICALS CURRENT YEAR NOTES:
We may need to had a degreaser

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115-SEWER FUND
ADMINISTRATION AND GENERA

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
115-5-4843-1000 SALARIES	51,007	60,915	51,797	63,837	30,358	66,870	3,034	4.75
115-5-4843-1060 FICA WITHHOLDINGS	2,852	3,276	3,271	3,958	1,837	4,146	188	4.75
115-5-4843-1070 PERA WITHHOLDINGS	3,606	3,927	3,914	4,547	2,297	4,939	392	8.62
115-5-4843-1080 MEDICARE WITHHOLDINGS	667	766	765	926	430	970	44	4.79
115-5-4843-1090 HEALTH INSURANCE	8,627	9,050	8,446	7,983	4,563	8,781	798	10.00
115-5-4843-1180 ENGINEERING	425	159	0	1,000	0	1,000	0	0.00
115-5-4843-1290 PROFESSIONAL SERVICES (SAFETY)	1,250	1,250	1,259	1,350	30	1,400	50	3.70
115-5-4843-1300 PROFESSIONAL SERVICES (LEGAL)	1,121	196	1,137	1,500	8	1,500	0	0.00
115-5-4843-1310 PROFESSIONAL SERVICES (AUDIT)	4,868	4,953	5,625	5,800	5,828	5,825	25	0.43
115-5-4843-1311 PROFESSIONAL SERVICES (GENERAL	281	92	291	250	0	250	0	0.00
115-5-4843-2000 POSTAGE	718	531	806	1,000	1,130	1,100	100	10.00
115-5-4843-2020 TELEPHONE	1,040	1,293	597	1,706	719	1,500	(206)	12.08-
115-5-4843-2100 PRINTING & PUBLISHING	181	679	31	700	555	700	0	0.00
115-5-4843-2300 TRAVEL & SCHOOLS	824	1,266	1,144	1,500	961	1,600	100	6.67
115-5-4843-2400 MAINTENANCE & REPAIR OF EQUIP	4,444	2,070	4,026	5,000	2,743	5,000	0	0.00
115-5-4843-3000 GENERAL/OFFICE SUPPLIES	643	681	738	1,000	335	1,000	0	0.00
115-5-4843-3300 MOTOR FUELS & LUBRICANTS	3,613	3,398	2,699	4,500	0	4,500	0	0.00
115-5-4843-3811 UNIFORMS	1,159	1,481	1,077	1,500	581	1,600	100	6.67
115-5-4843-4100 INSURANCE AND BONDS	3,871	2,892	5,126	4,189	0	6,658	2,469	58.94
115-5-4843-4110 WORKERS' COMP INS	3,659	3,644	5,211	5,589	6,961	7,000	1,411	25.25
115-5-4843-4300 SUBCRIPTIONS & MEMBERSHIPS	0	0	25	0	0	50	50	0.00
115-5-4843-4590 LICENSES & PERMITS	2,111	1,582	3,023	2,000	1,991	2,000	0	0.00
115-5-4843-4920 DEPRECIATION EXPENSE	211,934	102,190	103,032	211,934	0	211,934	0	0.00
115-5-4843-5200 NEW EQUIPMENT	1,392	2,597	2,660	3,500	167	3,500	0	0.00
115-5-4843-5300 EQUIPMENT RENTAL/LEASE	363	445	389	450	184	450	0	0.00
115-5-4843-8020 MISCELLANEOUS	0	0	0	0	0	0	0	0.00
TOTAL ADMINISTRATION AND GENERA	310,654	209,334	207,090	335,718	61,677	344,273	8,555	2.55

5-4843-1180 ENGINEERING CURRENT YEAR NOTES:
Mapping & small projects

5-4843-1290 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Safety contract

5-4843-1310 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Audit

5-4843-1311 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
CDL consortium

5-4843-2400 MAINTENANCE & REPAIR OFCURRENT YEAR NOTES:
Support programs and repairs

5-4843-4590 LICENSES & PERMITS CURRENT YEAR NOTES:
NPDES permit

115-SEWER FUND
ADMINISTRATION AND GENERA

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
5-4843-5300 EQUIPMENT RENTAL/LEASE CURRENT YEAR NOTES: Copier								

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115-SEWER FUND
NON-OPERATING EXPENSES

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
115-5-4844-4400 INTEREST EXPENSE	0	0	0	0	0	0	0	0.00
115-5-4844-4920 DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0.00
115-5-4844-4930 GAIN/LOSS ON DISPOSAL	9,098	0	0	0	0	0	0	0.00
115-5-4844-5010 LAND	15,596	15,496	12,540	16,000	13,220	16,000	0	0.00
115-5-4844-5200 NEW EQUIPMENT	0	0	0	0	0	0	0	0.00
115-5-4844-5400 TF TO CAPITAL IMP	74,500	80,000	80,000	80,000	80,000	40,000	(40,000)	50.00-
115-5-4844-5500 TF TO SE EQUIP REPLACEMENT FUN	138,000	152,900	156,200	159,500	159,500	100,000	(59,500)	37.30-
115-5-4844-7010 PERMANENT TRANSFER OUT	617	200,000	0	0	0	0	0	0.00
115-5-4844-7050 TF TO DOWNTOWN DEBT	0	0	0	0	0	0	0	0.00
115-5-4844-7450 TF TO INFRASTRUCTURE DEBT	0	0	0	0	0	0	0	0.00
115-5-4844-7460 TF TO 1996 STREET DEBT	0	0	0	0	0	0	0	0.00
115-5-4844-7470 TF TO 1998 STREET DEBT	0	0	0	0	0	0	0	0.00
115-5-4844-7500 TF TO 2000 STREET DEBT	0	0	0	0	0	0	0	0.00
115-5-4844-7510 TF TO 2002 LAKE AVE DEBT	0	0	0	0	0	0	0	0.00
115-5-4844-7520 TF TO 2004 DEBT FUND	11,500	14,000	14,000	14,000	14,000	14,000	0	0.00
115-5-4844-7530 TF TO 2006 DEBT FUND	12,000	12,000	12,000	12,000	12,000	12,000	0	0.00
115-5-4844-7540 TF TO 2008 DEBT FUND	21,000	21,000	21,000	21,000	21,000	21,000	0	0.00
115-5-4844-7550 TF TO 2010 DEBT FUND	15,250	15,250	15,250	15,250	15,250	15,250	0	0.00
115-5-4844-7560 TF TO HWY 23 DEBT FUND	20,000	20,000	20,000	20,000	20,000	20,000	0	0.00
115-5-4844-7565 TF TO 2014 DEBT FUND	0	0	0	5,000	5,000	14,500	9,500	190.00
115-5-4844-7570 TF TO WW FACILITY PLAN DEBT	0	0	70,000	90,000	90,000	192,000	102,000	113.33
TOTAL NON-OPERATING EXPENSES	317,561	530,646	400,990	432,750	429,970	444,750	12,000	2.77

5-4844-5010 LAND

CURRENT YEAR NOTES:
Property taxes

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115-SEWER FUND
IRRIGATION

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
115-5-4845-1000 SALARIES	33,233	32,373	31,021	31,104	15,776	32,915	1,811	5.82
115-5-4845-1060 FICA WITHHOLDINGS	1,879	1,826	1,731	1,928	953	2,041	113	5.84
115-5-4845-1070 PERA WITHHOLDINGS	2,390	2,148	2,048	2,255	1,192	2,468	213	9.44
115-5-4845-1080 MEDICARE WITHHOLDINGS	440	427	405	451	223	477	26	5.76
115-5-4845-1090 HEALTH INSURANCE	5,478	4,915	4,315	4,179	2,148	4,021	(158)	3.78-
115-5-4845-1180 ENGINEERING	0	0	0	500	0	500	0	0.00
115-5-4845-1300 PROFESSIONAL SERVICES (LEGAL)	987	253	48	1,000	209	1,000	0	0.00
115-5-4845-1320 PROFESSIONAL SERVICES (TESTING	780	1,130	800	1,000	897	1,000	0	0.00
115-5-4845-2000 POSTAGE	50	50	0	50	0	50	0	0.00
115-5-4845-2100 PRINTING & PUBLISHING	37	0	0	0	62	75	75	0.00
115-5-4845-2200 UTILITIES	3,468	4,787	8,728	6,000	8,364	7,500	1,500	25.00
115-5-4845-2210 UTILITIES-ELEC, HEAT (PUMPING)	29,754	19,842	23,605	23,500	2,953	23,500	0	0.00
115-5-4845-2300 TRAVEL & SCHOOLS	189	0	0	400	0	400	0	0.00
115-5-4845-2400 MAINTENANCE & REPAIR OF EQUIP	10,619	5,096	6,527	11,500	5,192	11,500	0	0.00
115-5-4845-2900 CONTRACTUAL SERVICE	0	0	0	0	0	0	0	0.00
115-5-4845-3000 GENERAL/OFFICE SUPPLIES	411	129	128	750	281	750	0	0.00
115-5-4845-3300 MOTOR FUELS & LUBRICANTS	1,693	1,133	1,055	3,000	0	3,000	0	0.00
115-5-4845-3811 UNIFORMS	0	198	220	250	225	300	50	20.00
115-5-4845-4100 INSURANCE AND BONDS	9,507	11,051	12,583	15,004	0	15,242	238	1.59
115-5-4845-4920 DEPRECIATION EXPENSE	26,150	26,460	26,770	26,150	0	26,150	0	0.00
115-5-4845-5200 NEW EQUIPMENT	158	942	646	1,500	0	1,500	0	0.00
115-5-4845-7010 PERMANENT TRANSFER OUT	0	0	0	0	0	0	0	0.00
115-5-4845-8020 MISCELLANEOUS	0	0	0	0	0	0	0	0.00
TOTAL IRRIGATION	127,223	112,759	120,633	130,522	38,473	134,389	3,867	2.96

5-4845-1180 ENGINEERING CURRENT YEAR NOTES:
Mapping

5-4845-1300 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
contracts etc

5-4845-1320 PROFESSIONAL SERVICES (CURRENT YEAR NOTES:
Testing water and soil samples

5-4845-2400 MAINTENANCE & REPAIR OFCURRENT YEAR NOTES:
Irrigation system repairs

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115-SEWER FUND
AERIATION POND

EXPENDITURES	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 CURRENT BUDGET	2014 Y-T-D ACTUAL	2015 PROPOSED BUDGET	2015 VARIANCE	2015 PERCENT VARIANCE
115-5-4846-2200 UTILITIES	75,046	72,594	95,573	105,000	65,929	110,000	5,000	4.76
115-5-4846-2400 MAINTENANCE & REPAIR OF EQUIP	1,313	13	201	1,000	0	1,000	0	0.00
115-5-4846-3000 GENERAL/OFFICE SUPPLIES	36	77	0	100	0	100	0	0.00
115-5-4846-5200 NEW EQUIPMENT	0	0	97	0	90	0	0	0.00
115-5-4846-5400 TF TO CAPITAL IMP	35,000	45,000	0	0	0	0	0	0.00
115-5-4846-7480 TF TO PRETREATMENT POND DEBT	0	0	0	0	0	0	0	0.00
TOTAL AERIATION POND	111,395	117,684	95,871	106,100	66,019	111,100	5,000	4.71

5-4846-2200 UTILITIES

CURRENT YEAR NOTES:
Xcel energy

TOTAL EXPENDITURES	930,357	1,023,707	882,904	1,075,740	630,381	1,108,862	33,122	3.08
REVENUE OVER/(UNDER) EXPENDITURES	465,168	(293,116)	(181,601)	(238,302)	(311,018)	(1,108,862)	(870,560)	

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Access Agreement

Between Minnesota Pollution Control Agency and City of Paynesville

Petroleum Remediation Program/Superfund Program

Doc Type: Access Agreement

Background

The Minnesota Pollution Control Agency (MPCA) is investigating, and/or taking corrective action in response to a release of petroleum from a tank(s) owned the former Midtown Service Station located at 400 Lake Avenue South in Paynesville, MN (LEAK #000131). As part of this investigation, it is necessary to perform work on the City right-of-way located at 700 South Street in Paynesville, MN the "Property". The MPCA is authorized to take these actions under Minn. Stat. § 115C.03, subd. 2 and 3. The MPCA is authorized to enter upon public or private property to take such actions under Minn. Stat. § 115C.03, subd. 7(2).

Agreement

1. **Parties.** The Parties to this Agreement are:

   A. Minnesota Pollution Control Agency (MPCA); and

   B. **City of Paynesville** (the "Property Owner").

2. **Access.** The Property Owner hereby consents and provides authorization to the MPCA, its employees, agents, and contractors to enter the Property for the following purposes:

   A. Investigating and/or taking such corrective action as the MPCA deems necessary to remediate soil and groundwater contamination at the Property in response to a release of petroleum from a tank(s) located at 400 Lake Avenue South in Paynesville, MN (LEAK #000131).

3. **MPCA obligations.** The MPCA will notify the Property Owner at least 48 hours before entering the Property. Work will be conducted during the hours of 8:00 a.m. to 5:00 p.m. unless the MPCA receives permission to conduct work during different hours.

4. **MPCA and Property Owner precautions regarding work.**

   A. The MPCA will conduct its activities so as to avoid unreasonable interference with the use of the Property. If any portion of the Property must be disturbed as a result of MPCA's activities, the MPCA will restore the property as close to its original condition as is reasonably possible under the circumstances.

   B. The Property Owner will take reasonable precautions to ensure that the equipment of MPCA and its contractors on the property is not damaged, and that the work being conducted by MPCA, its employees, agents and contractors is not disrupted.

5. **Permits and well sealing.** The MPCA will obtain all necessary permits for installation and maintenance of any borings, monitoring wells, remediation wells, and/or water wells installed by MPCA or its contractors. Upon completion of all necessary sampling or remediation, the MPCA will seal the borings, monitoring wells, remediation wells and/or water wells in accordance with state law.

6. **Notification.** Unless otherwise specified, written requests or other documents sent to the Property Owner shall be addressed to:

   Mr. Ron Mergen
   City of Paynesville
   221 Washburne Avenue
   Paynesville, Minnesota 56362
   Ph: 320-243-3714;

   All reports or other documents sent to the MPCA shall be addressed to:

   Laurie Kania
   Minnesota Pollution Control Agency
   525 South Lake Avenue, Suite 400
   Duluth, MN 55802

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7. **MPCA Liability.** The MPCA shall be liable for injury to or loss of property, or personal injury or death, caused by an act or omission of any employee of the State in the performance of the work described above, under the circumstances where the State, if a private person, would be liable to the claimant, in accordance with Minn. Stat. § 3.736.

8. **Effective Date.** This Agreement shall be effective upon the date it is signed by the MPCA.

Certification

By their signatures below, the undersigned represent that they have authority to bind the parties they represent, their agents, successors, and assigns.

Minnesota Pollution Control Agency

Print name: _____

Title: _____

Signature: _____

Date: _____

Property Owner

Print name: _____

Title: _____

Signature: _____

Date: _____

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Monitoring Well Permit Application

Minnesota Department of Health, Well Management Section
P.O. Box 64502, St. Paul, Minnesota 55164-0502
651-201-4600 or 800-383-9808
Fax No. 651-201-4599 Deaf and hard-of-hearing: TTY 651-201-5797

MDH USE ONLY
Date Received _____
Amount Received _____
Receipt Codes: **Well (4901)** **Site (4903)**
Well (Government-4993)
Deposit Number _____
Not Approved _____
Date Approved _____
Site Permit Number _____

Make check or money order payable to the Minnesota Department of Health or supply required credit card information (separate sheet). Mail completed application and fee to the Minnesota Department of Health, Well Management Section, P.O. Box 64502, St. Paul, Minnesota 55164-0502.

CHECK ALL BOXES THAT APPLY

- ☐ Motor fuel retail outlet or petroleum bulk storage site or agricultural chemical site. — $235/Site
- ☐ Site permit exists. Permit Number _____ . — None
- ■ Well owned by federal, state, or local government. — **$235/Well**
- ☐ All other monitoring wells. — $235/Well
- ☐ Reconstruction requiring a permit. — $235/Well

1. A. **LEGAL DESCRIPTION OF WELL LOCATION** **COUNTY** Steams

Township Name	Township Number	Range Number	Section Number	Smallest Quarter Largest	MN Unique Well Number	Depth	At-Grade
Paynesville	122 N	32 W	16	SE ¼ NE ¼ SW ¼ NE ¼		90	
	N	W		¼ ¼ ¼ ¼			
	N	W		¼ ¼ ¼ ¼			
	N	W		¼ ¼ ¼ ¼			

B. Well Site Address 700 South Street, Paynesville, MN 56363
Numerical Street Address City ZIP Code

C. Sketch (attach map identifying well location and Minnesota Unique Well Number and include distance from nearest road intersection).

2. ☐ Check this box for wells constructed through a **CONFINING LAYER** or **INTO BEDROCK**, submit the following information: Well diameter, grout material, drilling method, grouting method, casing materials, cross-sectional diagram of well, and cross-section of anticipated geologic formations.

3. ☐ Check this box for **AT-GRADE WELLS**, submit the following information: an explanation of why the well casing cannot terminate 12 inches above ground, a map showing the location of the proposed well referenced to a permanent landmark or property boundaries, and cross-sectional diagram of the well cap and vault.

4. Well Contractor Company Name Traut Well Company	Company Registration or License Number
Contact Person Rob Vix	Telephone Number (including Area Code) (320) 251-5090
5. Consultant Name Terracon Consultants, Inc. / Paul Wiese	Telephone Number (including Area Code) (651) 770-1500
6. Well Owner Name Minnesota Pollution Control Agency - PRP	Contact Person Laurie Kania
For Well(s) Owned by the Minnesota Pollution Control Agency Only – Check One of the Following Boxes ☐ MN PCA Closed Landfill Program ☐ MN PCA Monitoring Program ■ MN PCA Petroleum Program ☐ MN PCA Superfund Program	
For Well(s) Owned by the Minnesota Department of Agriculture Only – Check One of the Following Boxes ☐ MONU-State Program-Monitor ☐ FMU1-State Program-Nutrient ☐ IRUN-MERLA-PA/SI State Lead ☐ IRUN-MERLA-Kettle River CO	
Well Owner Mailing Address (including City and ZIP Code) 525 South Lake Avenue, Suite 400, Duluth, MN 55802	Telephone Number (including Area Code) (218) 302-6639
7. Property Owner Name City of Paynesville	Contact Person Ron Mergan
Property Owner Mailing Address (including City and ZIP Code) 221 Washburne Avenue Paynesville, Minnesota 56362	Telephone Number (including Area Code) (320) 243-3714

REQUIRED SIGNATURES ON PAGE 2

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Monitoring Well Permit Application for Minnesota Unique Well Number(s) as listed on page 1 of this application.

8. If the well owner is not the property owner, Minnesota Statutes, section 103I.205 requires that "A person may not construct a monitoring well on the property of another until the owner of the property on which the well is to be located and the well owner sign a written agreement that identifies which party will be responsible for obtaining maintenance permits and for sealing the monitoring well. If the property owner refuses to sign the agreement, the well owner may, in lieu of a written agreement, state in writing that the well owner will be responsible for obtaining maintenance permits and sealing the well."

As owner of the well(s) listed in 1. A. on page 1 of this application, I agree I will be responsible for obtaining maintenance permits and for sealing the well(s) in accordance with Minnesota Statutes, section 103I.205 and Minnesota Rules, Chapter 4725.

Billing Address for Maintenance Permits

Well Owner Name Minnesota Pollution Control Agency - PRP

Well Owner Mailing Address 525 South Lake Avenue, Suite 400
Numerical Street Address or Post Office Box

Duluth (City) MN (State) 55802 (ZIP Code)

Name of Property Owner or Agent (Please Print) _____

Signature of Property Owner or Agent _____

Name of Well Owner or Agent (Please Print) _____

Signature of Well Owner or Agent _____

I certify that all the information provided in this application is true and complete. I understand that misstatement of facts may result in forfeiture of all rights to licensure/registration as a well contractor/monitoring well contractor in accordance with Minnesota Statutes, Chapter 103I.

Well Contractor Company Name _____ (Please Print) Reg. or Lic. No. _____

Name of Certified Representative _____ (Please Print)

Signature of Certified Representative _____

Certified Representative Number _____ Date _____

Failure to submit permit application and fee and receive permit approval prior to the beginning of monitoring well construction is a violation of Minnesota Statutes, Chapter 103I and may result in the assessment of an administrative penalty.

A permit application must accompany variance request for monitoring wells.

Paynesville

Tuesday, Jun. 26, 2012 at 1:43 PM

These data are provided on an 'AS-IS' basis, without warranty of any type, expressed or implied, including but not limited to any warranty as to their performance, merchantability, or fitness for any particular purpose.

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
MONITORING WELLS											
DW-1	*G	03/05/98	<1	<1	<1	<3	<5	<5	<1	-	-
DW-1		03/25/98	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
DW-1	*G	06/13/98	<1	<1	<1	<3	-	<5	<1	-	-
DW-1		06/13/98	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
DW-2	G	03/06/98	<1	<1	<1	<3	<5	<5	**20**	-	-
DW-2		03/25/98	<0.30	<0.30	<0.50	<0.80	<1.0	<0.40	<0.50	-	-
DW-2	G	06/13/98	<1	<1	<1	<3	-	<5	<1	-	-
DW-2		06/13/98	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
DW-3	G	03/16/98	<1	<1	<1	<3	<5	<5	<1	-	-
DW-3		03/25/98	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
DW-3	G	06/13/98	<1	<1	<1	<3	-	<5	<1	-	-
DW-3		06/13/98	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
DW-3		09/22/99	<1.0	<1.0	<1.0	<1.0	<5.0	-	-	<100	-
DW-3		12/09/99	<1.0	<1.0	<1.0	<1.0	<5.0	-	-	<100	-
DW-3		04/20/00	<1.0	**2.2**	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		07/27/00	<1.0	<1.0	<1.0	<1.0	<5.0	-	-	<100	-
DW-3		10/20/00	**4.9**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		01/16/01	<1.0	**4.4**	<1.0	**3.0**	<5.0	-	-	<100	-
DW-3	2	04/12/01	<1.0	**6.1**	<1.0	<3.0	<5.0	-	-	**400**	-
DW-3		08/13/01	**17**	<1.0	<1.0	<3.0	<5.0	<5.0	<5.0	<100	-
DW-3		10/09/01	**25**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		11/19/01	**24**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		01/29/02	**8.8**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		04/16/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		08/19/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		11/05/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		01/17/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		04/04/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		07/24/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		10/28/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		02/04/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		04/07/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		08/24/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		02/16/05	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		11/02/05	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-3		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-3		05/05/06	Sealed and replaced as part of road reconstruction								
DW-3R		05/03/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
DW-3R		09/25/07	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<50	-
DW-3R		02/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	<50	-
DW-3R		11/12/08	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		02/12/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		08/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		02/03/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		10/29/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		03/03/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		09/15/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		03/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		08/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		06/11/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		01/09/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3R		06/03/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
DW-4	G	03/16/98	<1	<1	<1	<3	<5	<5	<1	-	-
DW-4		03/25/98	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
DW-4	G	06/13/98	<1	<1	<1	<3	-	<5	<1	-	-
DW-4		06/13/98	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
DW-5		12/24/98	1,600	81	64	41	<5.0	-	-	2,800	-
DW-5		12/30/98	1,300	47	51	41	44	-	-	1,700	-
DW-5		01/25/99	600	28	41	41	5.4	-	-	1,100	-
DW-5		02/18/99	400	13	25	<5.0	<25	-	-	550	-
DW-5		03/17/99	380	13	22	17	<5.0	-	-	610	-
DW-5		04/22/99	240	<1.0	13	18	<5.0	-	-	590	-
DW-5	*	05/21/99	160	8.7	14	13	<1.0	-	5.8	-	-
DW-5		06/24/99	170	6.2	9.9	8.9	<5.0	-	-	280	-
DW-5		07/19/99	170	5.7	11	11	<5.0	-	-	300	-
DW-5		08/23/99	160	6.2	12	8.9	5.3	-	-	280	-
DW-5		09/22/99	170	5.7	11	8.6	<5.0	-	-	280	-
DW-5		10/25/99	160	5.6	12	10	<5.0	-	-	260	-
DW-5		11/24/99	150	5.8	11	10	5.2	-	-	250	-
DW-5		12/09/99	140	5.7	12	9.7	<5.0	-	-	230	-
DW-5		01/13/00	140	10	12	15	<130	-	-	290	-
DW-5		02/17/00	150	5.5	12	11	<5.0	-	-	270	-
DW-5		03/13/00	140	4.3	11	9	<5.0	-	-	220	-
DW-5		04/20/00	140	8	11	13	6.7	-	-	320	-
DW-5		05/23/00	96	3.6	8.2	7.8	<5.0	-	-	180	-
DW-5		06/17/00	150	4.9	11	10	<5.0	-	-	270	-
DW-5		07/27/00	130	4	9.2	9.8	<5.0	-	-	210	-
DW-5		10/20/00	57	2.1	5.5	6	<5.0	-	-	120	-
DW-5		01/16/01	79	3.3	7.7	9.9	<5.0	-	-	170	-
DW-5		04/12/01	44	<1.0	6	9.2	<5.0	-	-	130	-
DW-5		08/13/01	68	1.3	8	9	<5.0	-	-	190	-
DW-5		10/09/01	81	1.9	9.7	7.9	<5.0	-	-	180	-
DW-5		01/29/02	7	<1.0	1.3	<3.0	<5.0	-	-	<100	-
DW-5		04/16/02	98	1.6	16	12	<5.0	-	-	260	-
DW-5		11/05/02	110	<1.0	5.3	7.1	<5.0	-	-	170	-
DW-5		01/16/03	230	<1.0	9	10	<5.0	-	-	310	-
DW-5		04/04/03	350	1.2	20	20	<5.0	-	-	530	-
DW-5		07/24/03	280	1.1	29	16	6.0	-	-	670	-
DW-5		10/28/03	470	1.3	20	11	<5.0	-	-	610	-
DW-5		02/04/04	470	<1.0	25	18	<5.0	-	-	650	-
DW-5		04/07/04	400	1.3	30	25	<5.0	-	-	630	-
DW-5		08/24/04	230	<1.0	10	18	<5.0	-	-	510	-
DW-5		02/16/05	180	2.1	31	39	<5.0	-	-	400	-
DW-5		11/03/05	160	2.3	30	25	<1.0	-	-	350	-
DW-5		05/04/06	180	1.5	32	32	1.3	-	-	440	-
DW-5	5	12/14/06	74	<1.0	42	19	1.6	-	-	260	-
DW-5	5	03/20/07	64	<1.0	55	19	1.8	-	-	280	-
DW-5	6	09/25/07	100	2.3	43	29	<1.0	-	-	410	-
DW-5	6	02/12/08	79	<1.0	32	28	<1.0	-	-	270	-
DW-5		11/10/08	12.3	<1.0	12.5	7.5	<5.0	-	-	<100	-
DW-5		02/11/09	58.8	<1.0	11.5	16.8	<5.0	-	-	186	-
DW-5		08/11/09	18.4	<1.0	15.3	14.9	<5.0	-	-	<100	-
DW-5		02/04/10	36.1	<1.0	24.4	6.9	<5.0	-	-	<100	-
DW-5		10/28/10	51.5	1.6	14.9	15.6	<5.0	-	-	161	-
DW-5		03/03/11	20.4	<1.0	22.1	23.1	<5.0	-	-	162	-
DW-5		09/15/11	Not sampled due to pump not functioning								
DW-5		03/21/12	2.7	<1.0	22.4	12.0	<5.0	-	-	<100	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
DW-5		08/21/12	20.5	<1.0	10.3	<3.0	<5.0	-	-	<100	-
DW-5		06/11/13	1.9	<1.0	14.9	10.1	<5.0	-	-	102	-
DW-5		01/13/14	<1.0	<1.0	14.6	20.5	<5.0	-	-	107	-
DW-5		06/03/14	<1.0	<1.0	5.2	<3.0	<5.0	-	-	<100	-
DW-6	G	08/20/98	330	<100	<100	<300	-	<500	<100	-	-
DW-6		04/05/99	140	3.9	29	17.4	-	-	-	720	150
DW-6		06/21/99	120	2.1	25	14	-	-	-	660	100
DW-6		09/22/99	99	1.4	16	9.3	10	-	-	400	-
DW-6		12/09/99	64	5.3	20	29	20	-	-	570	-
DW-6		04/20/00	170	1.6	9.8	24	13	-	-	760	-
DW-6		07/27/00	51	1.6	9.8	13	<5.0	-	-	260	-
DW-6		10/20/00	40	<1.0	10	7.3	6.2	-	-	370	-
DW-6		01/16/01	93	1.5	5.0	17	5.1	-	-	420	-
DW-6		04/12/01	86	<1.0	2.8	15	7.7	-	-	290	-
DW-6		08/13/01	110	<1.0	3.2	16	6.6	-	-	300	-
DW-6		10/09/01	50	<1.0	3.5	4.2	<5.0	-	-	180	-
DW-6		01/29/02	120	1.1	7.0	21	5.6	-	-	340	-
DW-6		04/16/02	93	<1.0	4.7	19	5.8	-	-	290	-
DW-6		08/19/02	160	1.1	2.7	16	5.1	-	-	360	-
DW-6		11/05/02	130	<1.0	2.1	17	<5.0	-	-	290	-
DW-6		01/17/03	76	<1.0	2.4	7.8	<5.0	-	-	180	-
DW-6		04/04/03	23	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		07/24/03	17	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		10/28/03	48	<1.0	1.7	5.3	<5.0	-	-	150	-
DW-6		02/04/04	45	<1.0	1.8	<3.0	<5.0	-	-	120	-
DW-6		04/07/04	32	<1.0	<1.0	<3.0	<5.0	-	-	130	-
DW-6		08/24/04	29	<1.0	1.6	<3.0	<5.0	-	-	140	-
DW-6		02/16/05	33	<1.0	2.4	<3.0	5.3	-	-	170	-
DW-6		11/03/05	26	<1.0	<1.0	<3.0	<1.0	-	-	63	-
DW-6		05/04/06	27	<1.0	1.7	<3.0	<1.0	-	-	71	-
DW-6		12/01/06	22	<0.36	2.5	2.7	1.2	-	-	80	-
DW-6	5	03/20/07	24	<1.0	2.8	2.4	1.1	-	-	100	-
DW-6		09/25/07	16	<1.0	1.5	<3.0	<1.0	-	-	<50	-
DW-6		02/13/08	11	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-6		11/11/08	8.5	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		02/11/09	10	<1.0	1.0	<3.0	<5.0	-	-	<100	-
DW-6		08/11/09	6.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		02/04/10	6.6	<1.0	1.1	<3.0	<5.0	-	-	<100	-
DW-6		10/28/10	8.3	<1.0	1.2	<3.0	<5.0	-	-	<100	-
DW-6		03/03/11	5.9	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		09/15/11	5.7	<1.0	1.1	<3.0	<5.0	-	-	<100	-
DW-6		03/21/12	9.3	<1.0	1.8	<3.0	<5.0	-	-	<100	-
DW-6		08/21/12	4.7	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		06/11/13	5.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		01/14/14	5.4	<1.0	1.1	<3.0	<5.0	-	-	<100	-
DW-6		06/03/14	4.2	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		05/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
DW-7S	3	08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
DW-7S		10/09/01	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		01/29/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		04/16/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		11/05/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		04/03/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		10/28/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
DW-7S		04/07/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		02/16/05	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		11/02/05	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7S		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7S		11/30/06	<0.14	<0.36	<0.40	<1.1	<0.36	-	-	<26	-
DW-7S		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7S		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7S		11/11/08	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		08/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		10/29/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		03/03/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		09/15/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		08/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7S		01/13/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		05/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
DW-7D	3	08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
DW-7D		10/09/01	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		01/29/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		04/16/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		11/05/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		04/03/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		10/28/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		04/07/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		02/16/05	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		11/02/05	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7D		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7D		11/30/06	<0.14	<0.36	<0.40	<1.1	<0.36	-	-	<26	-
DW-7D		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7D		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-7D		11/11/08	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		08/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		10/29/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		03/03/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		09/15/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		08/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-7D		01/13/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		05/03/07	**7.6**	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
DW-8		09/25/07	**3.1**	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<50	-
DW-8		02/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
DW-8		11/11/08	**2.0**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		02/12/09	**1.2**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		08/11/09	**6.3**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		02/04/10	**9.4**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		10/29/10	**9.4**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		03/03/11	**8.5**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		09/15/11	**9.5**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		03/21/12	**14.0**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		08/22/12	**16.5**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		11/05/12	**13.5**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		04/09/13	**8.7**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		06/11/13	**10.1**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8		08/28/13	**5.2**	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
DW-8		01/13/14	**2.9**	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
DW-8		04/08/14	**3.0**	<1.0	<1.0	<3.0	<5.0	-	-	<100	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
DW-8		06/03/14	2.6	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		12/29/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-8S	3	02/12/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-8S		02/12/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		08/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		02/04/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		10/29/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		03/03/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		09/15/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		03/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		08/22/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		06/11/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		01/13/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-8S		06/03/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-9	*, 1	05/03/07	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
DW-9	1, 5	09/25/07	1,000	93	150	61	<25	<120	<25	3,000	-
DW-9	5	02/13/08	1,200	<10	200	<30	<10	-	-	4,300	-
DW-9		11/11/08	797	21.6	335	5.4	<5.0	-	-	3,730	-
DW-9		02/12/09	1,330	<5.0	256	<15.0	<25.0	-	-	3,920	-
DW-9		08/11/09	5.2	<1.0	6.9	<3.0	16.4	-	-	1,430	-
DW-9		02/04/10	1,690	<5.0	144	<15.0	<25.0	-	-	3,980	-
DW-9		10/28/10	924	<5.0	169	<15.0	<25.0	-	-	3,040	-
DW-9		03/04/11	<1.0	1.1	38.5	3.9	23.2	-	-	2,610	-
DW-9		09/16/11	7.9	<1.0	<1.0	<3.0	<5.0	-	-	318	-
DW-9		03/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-9		08/22/12	4.1	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-9		11/05/12	1,340	193	359	218.2	5.9	-	-	4,240	-
DW-9		04/09/13	1,530	<5.0	273	18.4	42.0	-	-	4,930	-
DW-9		06/11/13	563	<5.0	163	<15.0	38.2	-	-	2,840	-
DW-9		08/29/13	1,170	31.2	276	46.7	<10.0	-	-	3,600	-
DW-9		01/14/14	503	<5.0	420	<15.0	33.6	-	-	3,840	-
DW-9		04/08/14	511	21.4	386	27.5	25.2	-	-	4,630	-
DW-9		06/05/14	364	<5.0	339	<15.0	<25.0	-	-	3,680	-
DW-10A		08/22/12	<1.0	<1.0	16.5	8.2	<1.0	<4.0	<1.0	1,290	-
DW-10A		11/05/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	676	-
DW-10A		04/09/13	<1.0	<1.0	<1.0	<3.0	29.4	-	-	644	-
DW-10A		06/11/13	<1.0	1.1	1.2	<3.0	26.6	-	-	597	-
DW-10A		08/29/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	473	-
DW-10A		01/14/14	<1.0	<1.0	<1.0	<3.0	10.2	-	-	400	-
DW-10A		04/08/14	3.9	<1.0	<1.0	<3.0	<5.0	-	-	281	-
DW-10A		06/04/14	5.7	<1.0	1.1	<3.0	8.6	-	-	489	-
DW-10B		08/22/12	31.2	11.0	129	25.9	<1.0	<4.0	<1.0	706	-
DW-10B		11/05/12	32.9	14.3	115	9.2	<1.0	<4.0	<1.0	797	-
DW-10B		04/09/13	27.5	9.1	110	6.6	15.4	-	-	811	-
DW-10B		06/12/13	35.3	21.7	139	23.8	23.5	-	-	1,340	-
DW-10B		08/28/13	13.6	7.7	102	9.2	<1.0	<4.0	<1.0	712	-
DW-10B		01/14/14	18.1	4.8	86.5	12.5	11.6	-	-	676	-
DW-10B		04/08/14	12.7	4	74.1	9.6	6.7	-	-	607	-
DW-10B		06/04/14	13.3	5.4	70.2	10.6	23.2	-	-	462	-
DW-10C		08/22/12	5.5	3.3	2.1	<3.0	<1.0	<4.0	<1.0	<100	-
DW-10C		11/05/12	6.9	1.0	1.7	<3.0	<1.0	<4.0	1.4	<100	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
DW-10C		04/09/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-10C		06/12/13	29.3	4.0	6.5	<3.0	<5.0	-	-	126	-
DW-10C		08/28/13	59.1	1.7	1.8	<3.0	<1.0	<4.0	3.7	130	-
DW-10C		01/14/14	21.1	1.1	<1.0	<3.0	<1.0	<4.0	3.5	<100	-
DW-10C		04/08/14	16.5	1.1	<1.0	<3.0	<1.0	<4.0	2.8	<100	-
DW-10C		06/04/14	4.0	<1.0	<1.0	<3.0	<1.0	<4.0	2.1	<100	-
DW-11		08/29/13	36.2	55.5	257	908	<1.0	154	<1.0	5,730	-
DW-11		01/14/14	43.2	95.7	267	808	<1.0	128	<1.0	4,320	-
DW-11		04/08/14	25.9	65.2	298	1000	<25.0	-	-	4,900	-
DW-11		06/04/14	21.9	11.2	115	362	<25.0	-	-	3,340	-
DW-12		04/08/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-12		06/04/14	1.3	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-13A		04/08/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-13A		04/08/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-13B		04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-13B	1	06/02/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-13C		04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-13C		06/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-14		04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-14		06/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-15A		04/09/14	168	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	236	-
DW-15A		06/02/14	23.3	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-15B		04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-15B		06/04/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-15C		04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-15C		06/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-16		04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	132	130
DW-16		06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	160
DW-17		04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-17		06/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
DW-18		06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
BEI-MW-2		03/25/98	<0.30	0.61	<0.50	<1.2	<1.0	<0.40	<0.50	-	170
MW-1		7/17/91	4,000	8,800	2,000	9,600	2,700	-	-	50,000	73,000
MW-1		8/13/91	3,800	8,700	2,200	8,900	11,000	-	-	87,000	-
MW-1		1/13/92	5,100	8,400	2,700	6,800	2,000	-	-	63,000	-
MW-1		3/30/93	560	1,800	400	3,000	ND	-	-	17,000	43,000
MW-1		6/1/93	1,000	3,000	750	3,480	ND	-	-	300	-
MW-1		9/21/93	360	1,900	ND	2,680	1,500	-	-	20,000	-
MW-1		12/23/93	ND	ND	ND	ND	ND	-	-	140	-
MW-1		12/1/94	1,180	1,600	602	2,380	ND	-	-	13,400	-
MW-1		09/16/11	LNAPL Present - Not Sampled								
MW-1		3/21/12	LNAPL Present - Not Sampled								

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
MW-1		8/23/12	LNAPL Present - Not Sampled								
MW-1		06/12/13	**10.7**	**10.9**	**20.9**	**251**	<50.0	-	-	**13,600**	-
MW-1		06/12/13	LNAPL Present - Not Sampled								
MW-1		1/15/14	LNAPL Present - Not Sampled								
MW-10		7/17/91	ND	ND	ND	ND	ND	-	-	**7**	ND
MW-10		8/13/91	ND	ND	ND	ND	ND	-	-	ND	-
MW-10		1/13/92	**7**	**2**	ND	ND	**34**	-	-	**150**	-
MW-10		3/30/93	ND	ND	ND	ND	ND	-	-	ND	ND
MW-10		6/1/93	ND	ND	ND	ND	ND	-	-	ND	-
MW-10		9/21/93	ND	ND	ND	ND	ND	-	-	ND	-
MW-10		12/23/93	ND	ND	ND	ND	ND	-	-	**140**	-
MW-10		6/27/94	**11**	ND	ND	**13**	ND	-	-	**1,890**	-
MW-10		12/1/94	ND	ND	ND	ND	ND	-	-	ND	ND
MW-10		3/9/95	ND	ND	ND	ND	ND	-	-	ND	-
MW-10		7/2/96	ND	ND	ND	ND	ND	-	-	ND	**100**
MW-10		4/10/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-10		6/13/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-10		9/9/97	ND	ND	ND	ND	ND	-	-	ND	**400**
MW-10		1/29/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-10		4/30/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-10		8/3/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-10		12/3/98	ND	ND	ND	**4.1**	ND	-	-	ND	ND
MW-10		4/5/99	<1.0	<1.0	<1.0	<3.0	ND	-	-	ND	ND
MW-10		6/21/99	<1.0	<1.0	<1.0	<3.0	ND	-	-	ND	ND
MW-10		10/6/99	<1.0	<1.0	<1.0	<3.0	-	-	-	ND	ND
MW-10		12/28/00	<1.0	<1.0	<1.0	<3.0	ND	-	-	ND	ND
MW-10		3/22/01	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	**110**
MW-10		6/26/01	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-10		9/28/01	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	**110**
MW-10		3/12/02	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-10		10/11/02	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	**160**
MW-10		6/9/03	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-10		2/25/04	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<94
MW-10D	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
MW-10D	3	2/12/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<110
MW-14		7/17/91	ND	ND	ND	ND	ND	-	-	ND	ND
MW-14		8/13/91	ND	ND	ND	ND	ND	-	-	ND	-
MW-14		1/13/92	ND	ND	ND	ND	ND	-	-	ND	-
MW-14		3/30/93	**50**	**1.1**	ND	ND	ND	-	-	**130**	ND
MW-14		6/1/93	ND	ND	ND	ND	ND	-	-	ND	-
MW-14		9/21/93	ND	ND	ND	ND	ND	-	-	ND	-
MW-14		12/23/93	ND	ND	ND	ND	ND	-	-	ND	-
MW-14		6/27/94	ND	ND	ND	ND	ND	-	-	ND	-
MW-14		12/1/94	ND	ND	ND	ND	ND	-	-	ND	-
MW-14		3/9/95	ND	ND	ND	ND	ND	-	-	ND	ND
MW-14		7/2/96	ND	ND	ND	ND	ND	-	-	ND	**100**
MW-14		4/10/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-14		6/13/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-14		9/9/97	ND	<1.0	<1.0	<1.0	<3.0	-	-	<10	**300**
MW-14		1/29/98	ND	ND	ND	ND	ND	-	-	ND	**300**
MW-14		4/30/98	ND	ND	ND	ND	ND	-	-	ND	**100**
MW-14		8/3/98	ND	ND	ND	ND	ND	-	-	ND	**210**
MW-14		12/3/98	ND	ND	**1**	**5.1**	ND	-	-	ND	ND

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
MW-14	4/5/99	<1.0	<1.0	<1.0	<3.0	ND	-	-	ND	ND
MW-14	6/21/99	<1.0	<1.0	<1.0	<3.0	ND	-	-	ND	**190**
MW-14	10/6/99	<1.0	<1.0	<1.0	<3.0	ND	-	-	ND	ND
MW-14	12/28/00	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-14	3/22/01	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-14	6/26/01	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-14	9/28/01	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-14	3/12/02	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	**1,700**
MW-14	10/11/02	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-14	6/19/03	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<100
MW-14	2/25/04	<1.0	<1.0	<1.0	<3.0	ND	-	-	<50	<120
MW-14	8/22/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-14	1/9/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-14D	11/30/06	<0.14	<0.36	<0.40	<1.1	**0.43 J**	-	-	<26	-
MW-14D	3/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-14D	9/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-14D	2/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-14D	11/12/08	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-14D	8/22/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-14D	1/13/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-15	7/17/91	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	8/13/91	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	1/13/92	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	3/30/93	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	6/1/93	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	9/21/93	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	12/23/93	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	6/27/94	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	12/1/94	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	3/9/95	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	7/2/96	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	4/10/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	6/13/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	9/9/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	1/29/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	4/30/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	8/3/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	12/3/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-15	4/5/99	<1.0	<1.0	<1.0	<3.0	-	-	-	ND	ND
MW-15	6/21/99	-	-	-	-	-	-	-	-	-
MW-15	10/6/99	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-15	12/28/00	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-15	3/22/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-15	6/26/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-15	9/28/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-15	3/12/02	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	**230**
MW-15	10/11/02	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	**170**
MW-15	2/25/04	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<94
MW-16	5/7/93	**550**	**23**	**74**	ND	ND	-	-	**2,600**	**400**
MW-16	6/1/93	**1,300**	**190**	**110**	ND	ND	-	-	**390**	-
MW-16	9/21/93	**390**	**73**	**1**	**9.9**	**740**	-	-	**4,100**	-
MW-16	12/23/93	**1,200**	**6**	**41**	ND	**72**	-	-	**1,800**	-
MW-16	6/27/94	**2,520**	**16**	**134**	ND	**105**	-	-	**6,530**	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
MW-16		12/1/94	**34**	ND	ND	ND	ND	-	-	**1,050**	-
MW-16		3/9/95	**10**	ND	ND	ND	ND	-	-	**1,100**	-
MW-16		7/2/96	**1.3**	ND	ND	ND	ND	-	-	ND	**100**
MW-16		4/10/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-16		6/13/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-16		9/9/97	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	ND	**100**
MW-16		1/29/98	<1.0	<1.0	<1.0	<3.0	<10	-	-	ND	**100**
MW-16		4/30/98	ND	ND	ND	ND	ND	-	-	ND	**200**
MW-16		8/3/98	ND	ND	ND	ND	ND	-	-	ND	**620**
MW-16		12/3/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-16		4/5/99	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		6/21/99	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		10/6/99	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		12/9/99	<1.0	<1.0	<1.0	<1.0	<5.0	-	-	<100	-
MW-16		4/20/00	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		12/28/00	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		3/22/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		6/26/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		9/28/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		3/12/02	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		10/11/02	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		6/9/03	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-16		2/25/04	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<94
MW-16		11/30/06	<0.14	<0.36	<0.40	<1.1	<0.36	-	-	<26	-
MW-16		3/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-16		9/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-16		2/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-16		11/11/08	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		2/12/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		8/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		2/4/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		10/28/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		3/3/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		9/15/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		3/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		8/22/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		6/12/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16		1/9/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-16	8	6/4/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		9/21/93	ND	ND	ND	ND	ND	-	-	ND	-
MW-17		12/23/93	ND	ND	ND	ND	ND	-	-	ND	-
MW-17		6/27/94	ND	ND	ND	ND	ND	-	-	ND	-
MW-17		12/1/94	ND	ND	ND	ND	ND	-	-	ND	ND
MW-17		3/9/95	ND	ND	ND	ND	ND	-	-	ND	-
MW-17		7/2/96	**3.7**	ND	ND	ND	ND	-	-	ND	-
MW-17		4/10/97	**2.6**	ND	ND	ND	ND	-	-	ND	ND
MW-17		6/13/97	ND	ND	ND	ND	ND	-	-	ND	ND
MW-17		9/9/97	<1.0	<1.0	<1.0	<3.0	<10	-	-	-	**300**
MW-17		1/29/98	ND	ND	ND	ND	ND	-	-	ND	ND
MW-17		4/30/98	**1,540**	<10	<10	<30	<10	-	-	**2,100**	**300**
MW-17	G	6/13/98	**2,100**	<100	<100	<300	-	<500	**140**	-	-
MW-17		8/3/98	**407**	**1.1**	ND	ND	ND	-	-	**580**	**120**
MW-17		12/3/98	**980**	ND	ND	ND	-	-	-	**1,300**	ND
MW-17		4/5/99	**360**	<2.0	<2.0	<6.0	-	-	-	**540**	<100
MW-17		6/21/99	**35**	<1.0	<1.0	<3.0	-	-	-	<50	<100

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
MW-17		10/6/99	2.8	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-17		12/9/99	9.2	1.7	1.2	5.8	<5.0	-	-	<100	-
MW-17		4/20/00	2.9	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		12/28/00	3.4	<1.0	<1.0	<3.0	-	-	-	<50	130
MW-17		3/22/01	2.1	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-17		6/26/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-17		9/28/01	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-17		3/12/02	2.5	<1.0	<1.0	<3.0	-	-	-	<50	<100
MW-17		10/11/02	<1.0	<1.0	<1.0	<3.9	-	-	-	<50	<100
MW-17		6/9/03	<1.0	<1.0	<1.0	3.2	-	-	-	<50	<100
MW-17		7/24/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		10/28/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		2/25/04	<1.0	<1.0	<1.0	<3.0	-	-	-	<50	<94
MW-17		4/7/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		8/24/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		2/16/05	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		11/2/05	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-17		5/4/06	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-17		12/1/06	<0.14	<0.36	<0.40	<1.1	<0.36	-	-	<26	-
MW-17		3/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-17		9/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-17		2/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
MW-17		11/11/08	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		2/12/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		8/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		2/4/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		10/28/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		3/3/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		9/15/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		3/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		8/22/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		6/12/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		1/13/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17	8	6/4/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-18		9/15/11	LNAPL Present - Not Sampled								
MW-18		3/21/12	LNAPL Present - Not Sampled								
MW-18		8/23/12	LNAPL Present - Not Sampled								
MW-18		6/12/13	LNAPL Present - Not Sampled								
MW-18		1/15/14	LNAPL Present - Not Sampled								
MW-19		6/12/03	62	73	8.6	118	<5.0	-	-	2,200	15,000
MW-19		2/26/04	900	3,000	690	3,040	-	-	-	13,000	1,700
MW-19	7	10/28/10	815	2,110	460	1,840	8.9	-	-	8,970	1,800
MW-19		3/2/11	395	1,400	354	1,500	<25.0	-	-	9,240	2,500
MW-19		9/16/11	13.7	160	58.9	243	5.8	-	-	963	-
MW-19		3/21/12	128	541	158	663	<25.0	-	-	4,200	-
MW-19		8/23/12	246	1,160	247	1,130	<25.0	-	-	6,350	-
MW-19		6/12/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-19		1/15/14	240	341	70.8	267	<25.0	-	-	2,950	-
MW-19		6/4/14	<5.0	<5.0	<5.0	<15.0	<25.0	-	-	<500	-
MW-20		7/2/96	7,340	11,800	1,930	1,160	2,750	-	-	56,900	100
MW-20		4/10/97	4,500	12,500	1,640	13,100	<500	-	-	46,600	10,600
MW-20		6/13/97	8,370	9,810	1,900	11,400	361	-	-	52,300	11,200
MW-20		9/9/97	1,980	3,060	790	3,730	<2000	-	-	15,200	400

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
MW-20		1/29/98	16,700	3,370	4,330	24,100	<2000	-	-	137,000	822,000
MW-20 Sealed		10/4/10									
MW-21		2/26/04	240	490	120	720	<2.5	-	-	5,600	3,800
MW-21 Sealed		10/6/10									
MW-23		6/12/03	3,800	3,100	1,200	6,300	<25	-	-	24,000	4,300
MW-23		2/26/04	1,100	930	520	2,410	-	-	-	12,000	1,600
MW-23 Sealed		10/6/10									
MW-26	7	10/27/10	1,720	4,520	1,670	7,100	<50.0	-	-	38,800	9,200
MW-26	7	3/2/11	3,310	10,000	1,120	5,280	105	-	-	44,900	7,700
MW-26		9/15/11	1,400	2,690	473	2,170	51.0	-	-	12,800	-
MW-26		3/21/12	1,940	3,360	644	3,220	<100	-	-	16,200	-
MW-26		8/23/12	878	1,760	649	2,950	<50.0	-	-	12,800	-
MW-26		6/12/13	4,580	13,300	1,500	7,880	124	-	-	66,500	-
MW-26		1/15/14	1,140	2,390	846	4,300	<250	-	-	20,100	-
MW-27	7	10/27/10	1,760	5,620	1,370	5,900	45.7	-	-	31,200	5,100
MW-27	7	3/2/11	727	2,160	785	4,010	<100	-	-	22,900	5,700
MW-27		9/15/11	1,370	3,560	747	3,430	63.3	-	-	16,800	-
MW-27		3/21/12	1,660	5,270	890	4,390	<100	-	-	25,000	-
MW-27		8/23/12	1,890	5,140	1,020	4,810	<100	-	-	23,700	-
MW-27		6/12/13	3,090	17,200	1,510	8,790	122	-	-	58,000	-
MW-27		1/15/14	456	1,320	408	1,970	<100	-	-	10,000	-
MW-27		6/5/14	1,830	8,930	1,380	7,070	<100	-	-	40,200	-
MW-28	7	10/25/10	6.1	18.3	38.6	127	17.0	-	-	5,570	3,600
MW-28	7	3/2/11	<5.0	5.8	26.0	101	35.6	-	-	9,810	9,800
MW-28		9/14/11	<2.0	<2.0	20.0	51.4	36.7	-	-	4,970	-
MW-28		3/21/12	<5.0	<5.0	17.6	54.7	29.4	-	-	5,380	-
MW-28		8/23/12	<2.0	<2.0	14.3	36.6	<10.0	-	-	3,650	-
MW-28		6/13/13	<2.0	<2.0	15.4	36.1	45.0	-	-	4,030	-
MW-28		1/15/14	<2.0	<2.0	9.0	17.4	23.4	-	-	3,590	-
MW-28		6/5/14	<2.0	2.2	5.2	8.4	11.0	-	-	1,900	-
MW-29	7	10/25/10	<1.0	9.6	96.1	529	29.6	-	-	5,510	3,300
MW-29	7	3/2/11	<5.0	<5.0	135	851	57.6	-	-	15,100	10,700
MW-29		9/14/11	<2.0	2.1	85.0	566	65.8	-	-	7,420	-
MW-29		3/21/12	<5.0	<5.0	87.0	692	47.1	-	-	6,400	-
MW-29		8/23/12	<5.0	<5.0	84.9	733	<25.0	-	-	6,700	-
MW-29		6/13/13	<5.0	<5.0	62.1	568	109	-	-	9,640	-
MW-29		1/15/14	<5.0	<5.0	30.9	395	60.9	-	-	6,480	-
MW-29		6/4/14	<5.0	<5.0	22.5	302	129	-	-	4,310	-
MW-30	7	10/25/10	628	1,230	235	870	34.0	-	-	13,000	4,500
MW-30	7	3/2/11	67.1	611	314	1,230	62.9	-	-	22,000	14,600
MW-30		9/16/11	29.9	239	100	357	86.5	-	-	8,780	-
MW-30		3/21/12	14.8	163	63.3	180	41.5	-	-	5,970	-
MW-30		8/23/12	15.7	142	58.9	135	<25.0	-	-	4,790	-
MW-30		6/13/13	142	394	92.2	259	83.0	-	-	8,560	-
MW-30		1/15/14	24.2	33.9	22.1	42.9	34.0	-	-	3,680	-
MW-30		6/4/14	40.8	75.6	38.2	79.2	106	-	-	4,020	-
MW-31A		8/29/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	886	-
MW-31A		1/14/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	370	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
MW-31A		4/9/14	**12.0**	<1.0	<1.0	<3.0	**17.6**	-	-	**1,330**	-
MW-31A		6/3/14	**4.0**	<1.0	<1.0	<3.0	<5.0	-	-	**253**	-
MW-31B		8/28/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
MW-31B		1/9/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
MW-31B		4/10/14	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
MW-31B		6/3/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-31C		8/28/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
MW-31C		1/9/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
MW-31C		4/10/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-31C		6/3/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-32		8/29/13	**3.3**	**18.8**	**18.2**	**154**	<1.0	**5.8**	<1.0	**1,180**	-
MW-32		1/15/14	**14.3**	**25.0**	**216**	**115**	<1.0	<4.0	<1.0	**4,090**	-
MW-32		4/10/14	**12.3**	**7.2**	**6.0**	**12.3**	**11.0**	-	-	**1,150**	-
MW-32	B	6/5/14	**20.2**	**24.9**	**59.0**	**66.3**	**15.0**	-	-	**2,570**	-
MW-33		8/29/13	**24.3**	**95.7**	**85.9**	**360**	<5.0	**52.9**	<5.0	**9,870**	-
MW-33		1/15/14	**90.3**	**126**	**202**	**843**	<5.0	**129**	<5.0	**11,900**	-
MW-33		4/10/14	**194**	**200**	**196**	**718**	**64.9**	-	-	**19,100**	-
MW-33		6/5/14	**85.0**	**97.2**	**133**	**522**	**32.8**	-	-	**8,770**	-
POTABLE WELLS											
CW-3		03/25/98	**18**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		05/20/98	**11**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3	G	06/10/98	**9.3**	<1	<1	<3	-	<5	<1	-	-
CW-3		06/10/98	**7.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
CW-3		08/20/98	**6.2**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		09/09/98	**5.2**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		10/05/98	**4.8**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		11/18/98	**3.4**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		12/15/98	**2.9**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		01/25/99	**1.6**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		02/18/99	**1.3**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		03/17/99	**0.86**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		04/22/99	**0.63**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		05/21/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-3		06/24/99	**0.37**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		07/19/99	**0.48**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		08/23/99	**1.4**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		09/22/99	**1.1**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		10/25/99	**0.59**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		11/24/99	**0.35**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		12/09/99	**0.36**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		01/13/00	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-
CW-3		02/17/00	**0.35**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		03/13/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		04/20/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		05/23/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		06/17/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		07/27/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-3		08/16/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		09/12/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		10/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		11/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-3		01/16/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
CW-3		04/12/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3	3	08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		10/09/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3	3	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		04/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3	3	08/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3	3	11/05/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3	3	01/16/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		04/03/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3	3	07/24/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3	3	10/28/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		09/25/07	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-3		01/28/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.50	<0.50	-	-
CW-3		04/07/04	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-3		08/25/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-3		02/16/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-3		11/02/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
CW-3		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
CW-3		11/30/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
CW-3		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-3		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-3	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-3	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-3		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-3	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		12/19/90	**2.2**	<0.2	<0.2	**0.4**	<0.2	<0.5	**0.3**	-	-
CW-4		10/23/97	**16**	<0.30	<0.50	<1.2	<1.0	<0.40	**1.5**	-	-
CW-4		03/25/98	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4	G	06/10/98	**3.0**	<1	<1	<3	-	<5	**2.2**	-	-
CW-4		06/10/98	**2.9**	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	-	-
CW-4	G	06/13/98	**3.5**	<1	<1	<3	-	<5	**2.7**	-	-
CW-4		08/20/98	**6.6**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-4		09/09/98	**8.8**	<0.3	<0.5	<1.2	<1.0	<0.4	**0.78**	-	-
CW-4		10/05/98	**12**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-4		11/18/98	**19**	<0.3	<0.5	<1.2	<1.0	<0.4	**0.6**	-	-
CW-4		12/15/98	**18**	**0.4**	<0.5	<1.2	<1.0	<0.4	**0.8**	-	-
CW-4		01/25/99	**20**	**0.38**	**0.51**	<1.2	<1.0	<0.4	**1.1**	-	-
CW-4		02/18/99	**19**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-4		03/17/99	**19**	<0.3	**0.55**	<1.2	<1.0	<0.4	**0.88**	-	-
CW-4		04/22/99	**12**	<0.3	<0.50	<1.2	<1.0	<0.4	**0.51**	-	-
CW-4		05/21/99	**8.8**	<0.3	<0.50	<1.2	<1.0	<0.4	**0.62**	-	-
CW-4		06/24/99	**11**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		07/19/99	**7.7**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		08/23/99	**7.3**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		09/22/99	**6.7**	<0.30	<0.50	<1.2	<1.0	<0.40	**0.59**	-	-
CW-4		10/25/99	**6.6**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		11/24/99	**5.7**	<0.30	<0.50	<1.2	<1.0	<0.40	**0.5**	-	-
CW-4		12/09/99	**4.9**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		01/13/00	**3.5**	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-
CW-4		02/17/00	**3.0**	<0.30	<0.50	<1.2	<1.0	<0.40	**0.72**	-	-
CW-4		03/13/00	**2.4**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		04/20/00	**1.7**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		05/23/00	**0.49**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4		06/17/00	**1.0**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-4		07/27/00	**0.66**	<0.30	<0.50	<1.2	<1.0	<0.40	**0.67**	-	-
CW-4		08/16/00	**0.56**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		09/12/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		10/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		11/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		12/13/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		01/16/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
CW-4		02/15/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	**0.55**	-	-
CW-4		03/08/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		04/12/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		05/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		06/22/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	07/30/01	**0.38 J**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	09/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	**0.75**	-	-
CW-4		10/09/01	<0.50	<0.50	<0.50	<1.5	<1.0	**0.78**	**0.77**	-	-
CW-4	3	11/19/01	**0.17 J**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.37 J**	-	-
CW-4	3	12/03/01	**0.11 J**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.37 J**	-	-
CW-4	3	01/29/02	**1.3**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.31 J**	-	-
CW-4	3	02/08/02	**1.8**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.37 J**	-	-
CW-4	3	03/19/02	**2.8**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		04/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	05/23/02	**4.2**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.62**	-	-
CW-4	3	06/07/02	**4.9**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.66**	-	-
CW-4	3	07/30/02	**5.7**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	08/19/02	**6.2**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	09/09/02	**6.6**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4		10/11/02	**8.2**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	11/05/02	**7.2**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.70**	-	-
CW-4	3	12/16/02	**7.7**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	01/16/03	**10**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-4	3	02/06/03	**11**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.86**	-	-
CW-4	3	03/06/03	**13**	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-4	3	04/03/03	**11**	<1.0	<1.0	<3.0	<1.0	<5.0	**0.089 J**	-	-
CW-4	3	05/19/03	**9.7**	<1.0	<1.0	<3.0	<1.0	<5.0	**0.63**	-	-
CW-4	3	06/19/03	**7.7**	<0.50	<0.50	<1.5	<1.0	<2.0	**0.63**	-	-
CW-4	1	07/24/03	**8.2**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.64**	-	-
CW-4	3	08/12/03	**7.0**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.67**	-	-
CW-4	1,3	09/09/03	**7.7**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.79**	-	-
CW-4	3	10/28/03	**6.4**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.60**	-	-
CW-4		11/25/03	**6.6**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.59**	-	-
CW-4	3	12/31/03	**5.3**	<0.50	<0.50	<1.5	<1.0	<0.50	**0.42 J**	-	-
CW-4	3	01/28/04	**3.9**	<0.50	<0.50	<1.5	<5.0	<0.50	**0.35 J**	-	-
CW-4	3	02/04/04	**2.8**	<0.50	<0.50	<1.5	<5.0	<0.50	**0.81**	-	-
CW-4	3	03/02/04	**3.6**	<0.50	<0.50	<1.5	<5.0	<0.50	**0.44 J**	-	-
CW-4	3	04/07/04	**2.8**	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-4	3	05/25/04	**1.2**	<0.50	<0.50	<1.5	<0.50	<0.50	**0.38 J**	-	-
CW-4	3	06/17/04	**1.1**	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-4	3	07/26/04	**0.79**	<0.50	<0.50	<1.5	<0.50	<0.50	**0.42 J**	-	-
CW-4	3	08/25/04	**0.92**	<0.50	<0.50	<1.50	<0.50	<0.50	**0.37 J**	-	-
CW-4	3	09/15/04	**0.84**	<0.50	<0.50	<1.5	<0.50	<0.50	**0.42 J**	-	-
CW-4	3	10/22/04	**0.48 J**	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-4	3	11/10/04	**0.3 J**	<0.50	<0.50	<1.5	<0.50	<0.50	**0.29 J**	-	-
CW-4	3	12/02/04	**0.18 J**	<0.50	<0.50	<1.5	<0.50	<0.50	**0.85**	-	-
CW-4	3	01/18/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.05	**0.92**	-	-
CW-4	3	02/16/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	**0.46 J**	-	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-4	3	03/14/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-4	3	05/27/05	<0.50	<0.50	<0.50	<1.5	<2.0	<0.50	**0.31 J**	-	-
CW-4	3	09/19/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
CW-4	3	11/02/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	**0.36 J**	-	-
CW-4	3	02/15/06	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
CW-4	3	06/02/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
CW-4	3	08/21/06	**0.66 J**	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
CW-4	1, 3	11/30/06	**0.78 J**	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
CW-4		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-4		04/25/07	<0.41	<1.0	<1.0	<3.0	<1.0	<5.0	<0.56	-	-
CW-4		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-4		11/07/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-4		02/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-4	3	05/20/08	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<0.36	-	-
CW-4	3	08/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	3	02/11/09	**0.73 J**	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		04/28/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	3	12/22/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	3	02/03/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		06/23/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		09/30/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		03/04/11	**0.74 J**	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		11/11/11	**2.6**	**1.3**	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		03/22/12	**1.1**	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		06/19/12	<1.0	<1.0	<1.0	**3.0**	<1.0	<4.0	<1.0	-	-
CW-4	3	08/23/12	**0.10 J**	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		11/05/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	3	03/21/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		06/12/13	<1.0	**1.8**	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		08/29/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		10/17/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-4		06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5		01/13/00	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-
CW-5	3	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-5	3	01/16/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-5	8	10/28/03	**0.091 J**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-5		08/25/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-5		05/27/05	<0.50	<0.50	<0.50	<1.5	<2.0	<0.50	<0.50	-	-
CW-5		11/02/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
CW-5		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
CW-5	1	11/30/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
CW-5		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-5		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-5	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5	3	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5	3	04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-5		06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-6		01/13/00	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	-	-
CW-6	3	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-6	3	01/16/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-6	3	10/28/03	**0.081 J**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-6		08/25/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-6		05/27/05	<0.50	<0.50	<0.50	<1.5	<2.0	<0.50	<0.50	-	-
CW-6		11/02/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
CW-6		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
CW-6	1	11/30/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
CW-6		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-6		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-6	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-6	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-6		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-6	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-6	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-6	3	04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7	3	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-7	3	01/16/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-7	3	10/28/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-7		08/25/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-7		02/16/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-7		05/27/05	<0.50	<0.50	<0.50	<1.5	<2.0	<0.50	<0.50	-	-
CW-7		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
CW-7		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-7		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-7	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7	3	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7	3	04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-7		06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-8	3	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-8	3	01/16/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-8	3	10/28/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-8		08/25/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-8		02/16/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-8		05/27/05	<0.50	<0.50	<0.50	<1.5	<2.0	<0.50	<0.50	-	-
CW-8		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
CW-8		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-8		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-8	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-8	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-8		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-8	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-8	3	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-8		01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent		03/25/98	**5.8**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent	G	04/23/98	**1.0**	<1	<1	<3	<5	<5	<1	-	-
CW-Influent		06/10/98	**3.7**	**1.0**	**4.7**	**1.3**	<1.0	<1.0	<1.0	-	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-Influent		08/20/98	**0.5**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		10/05/98	**1.1**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		11/18/98	**0.34**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		12/15/98	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		01/25/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		02/18/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		03/17/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		04/22/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		05/21/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		06/24/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.4	<0.5	-	-
CW-Influent		07/19/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		08/23/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		09/22/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		10/25/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		11/24/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		12/09/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		01/13/00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
CW-Influent		02/17/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		03/13/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		04/20/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		05/23/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		06/17/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent	1	07/27/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Influent		08/16/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		09/12/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		10/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		11/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		12/13/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		01/16/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
CW-Influent	1	02/15/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		03/08/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		04/12/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		05/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		06/22/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	3	07/30/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	1, 3	08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	3	09/11/01	**0.31 J**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		10/09/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	3	11/19/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	*, 3	12/03/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	*, 3	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	3	02/08/02	**0.6**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	*, 3	03/08/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent		04/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	3	05/23/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Influent	3	06/07/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	07/30/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	08/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	09/09/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	10/11/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	11/05/02	**0.33 J**	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	12/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	01/16/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	1,3	02/06/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	1,3	03/06/03	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-Influent	3	04/03/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-Influent	3	05/19/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	06/19/03	<0.50	<0.50	<0.50	<1.5	<1.0	<2.0	<0.5	-	-
CW-Influent	3	07/24/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	10/28/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.5	-	-
CW-Influent	3	01/28/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.50	<0.5	-	-
CW-Influent	1,3	04/07/04	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-Influent		08/25/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-Influent		02/16/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-Influent		11/02/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
CW-Influent		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
CW-Influent	1	11/30/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
CW-Influent		03/20/07	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	-	-
CW-Influent		09/25/07	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	-	-
CW-Influent		02/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-Influent	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	3	02/11/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	3	02/03/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	3	03/04/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent		03/22/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	3	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent		06/12/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent	3	04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Influent		06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered		03/25/98	**6.8**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered	G	04/23/98	<1	<1	<1	<3	<5	<5	<1	-	-
CW-Filtered		06/10/98	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		08/20/98	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		10/05/98	**0.73**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		11/18/98	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		12/15/98	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		01/25/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		02/18/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		03/17/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		04/22/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		05/21/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		06/24/99	<0.3	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
CW-Filtered		07/19/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		08/23/99	**0.35**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		09/22/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		10/25/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		11/24/99	**5.80**	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		12/09/99	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		01/13/00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
CW-Filtered		02/17/00	<0.30	<0.30	<0.50	<1.2	<1.0	2.1**	<0.50	-	-
CW-Filtered		03/13/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		04/20/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered	1	05/23/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered	1	06/17/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered	1	07/27/00	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-Filtered		08/16/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	1	09/12/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-Filtered	1	10/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	1	11/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered		12/13/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered		01/16/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
CW-Filtered		02/15/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered		02/28/01	**0.2**	<0.2	<0.2	<0.4	<2.0	<0.5	<0.2	-	-
CW-Filtered		03/08/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered		04/12/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered		05/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered		06/22/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	3,	07/30/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	1, 3,	08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	1, 3,	09/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	*	10/09/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	*, 3,	11/19/01	<0.50	<0.50	<0.50	<1.5	<1.0	**0.92**	<0.50	-	-
CW-Filtered	3	12/03/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	*, 3	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	*, 3	02/08/02	**0.36 J**	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	3	03/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	3	04/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered	1,3	05/23/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
CW-Filtered		06/07/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	07/30/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	08/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	09/09/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	10/11/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	11/05/02	**0.24 J**	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	12/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	01/16/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	02/06/03	**0.43 J**	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	03/06/03	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-Filtered	3	04/03/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	05/19/03	<0.50	<0.50	**0.55**	**3.9**	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	06/19/03	<0.50	<0.50	<0.50	<1.5	<1.0	<2.0	<0.50	-	-
CW-Filtered	1, 3	07/24/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered	3	10/28/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
CW-Filtered		01/28/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.50	<0.50	-	-
CW-Filtered		04/07/04	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-Filtered		08/25/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-Filtered		02/16/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-Filtered		05/04/06	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
CW-Filtered	1	11/30/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
CW-Filtered		03/20/07	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	-	-
CW-Filtered		09/25/07	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	-	-
CW-Filtered		02/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
CW-Filtered	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered	3	02/11/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered	3	02/03/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered	3	03/04/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered		03/22/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered	3	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered		06/12/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
CW-Filtered	3	04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
CW-Filtered		06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Storm Dis.		03/17/99	<0.3	**0.86**	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
Storm Dis.		04/22/99	**3.0**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	<100	<100
Storm Dis.		09/22/99	**1.8**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
Storm Dis.		12/09/99	**1.1**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
Storm Dis.		03/13/00	**0.6**	<0.3	<0.5	<1.2	<1.0	<0.4	<0.5	-	-
Nursery Well	G	02/26/98	<1	<1	<1	<3	<5	<5	<1	-	-
Nursery Well		02/26/98	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
AMPI Well		03/25/98	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
Bus Gar. (south)		03/25/98	<0.30	**0.35**	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4-1		05/20/98	<1.0	<1.0	<1.0	<1.0	<5.0	-	-	<100	-
CW-4-2		05/20/98	<1.0	<1.0	<1.0	<1.0	<5.0	-	-	<100	-
CW-4-3		05/20/98	<0.30	<0.30	<0.50	<1.2	<1.0	<0.40	<0.50	-	-
CW-4-4		05/20/98	<1.0	<1.0	<1.0	<1.0	**49**	-	-	<100	-
CW-4-5		05/21/98	<1.0	<1.0	<1.0	<1.0	<5.0	-	-	<100	-
CW-4-6		05/21/98	**0.41**	<0.30	<0.50	<1.2	<1.0	<0.40	**0.46**	-	-
DW-5	G	08/20/98	**2,200**	**140**	<100	<300	-	<500	**100**	-	-
DW-5 - 2 hrs	G	08/20/98	**2,300**	**120**	<100	<300	-	<500	**110**	-	-
DW-5 - 2 hrs	G*	08/20/98	**760**	**120**	**73**	**65**	**1.7**	<0.40	**41**	**2,700**	-
CW-4 (70-80')	1	09/23/02	**5.3**	**6.6**	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
CW-4 (80-90')		09/23/02	**5.5**	**7.9**	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
CW-4 (90-100')		09/23/02	**6.4**	**8.9**	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
CW-4 (100-110')		09/23/02	**8.2**	**6.8**	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Holding Tank		10/29/10	**70.3**	**150**	**66.5**	**218**	**8.1**	-	-	**2,780**	-
DPE-2	7	11/05/10	**36.8**	**39.1**	**113**	**467**	<25.0	-	-	**2,610**	**2,600**
DPE-2 (Post-T)		11/09/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
DPE-1	7, *	11/12/10	**220**	**444**	**157**	**795**	<5.0	**42.8**	<5.0	**4,400**	**1,000**
DPE-1 (Post-T)		11/12/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
Pre-Treatment											
DPE-2 Pre-T (14:40)	7, *	04/19/11	**93.0**	**97.3**	**271**	**1,050**	<2.0	**84.3**	<2.0	**7,230**	**2,100**
DPE-1 Pre-T (10:10)	7, *	04/21/11	**113**	**101**	**35.8**	**158**	<1.0	**14.3**	<1.0	**2,210**	**610**
DPE-1 Pre-T (16:21)	7, *	04/21/11	**69.4**	**60.9**	**21.4**	**99.6**	<1.0	**8.3**	<1.0	**1,380**	**420**
DPE-2 Pre-T (16:02)	7, *	04/21/11	**182**	**99.9**	**296**	**1,160**	<5.0	**112**	<5.0	**9,240**	**2,400**
Post-Treatment											
Post GAC-1 (14:50)		04/19/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<110
Post GAC-2 (10:00)		04/21/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
Post GAC-3 (15:20)		04/21/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
QA/QC SAMPLES											
DUPLICATE											

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TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
DW-6		10/20/00	43	<1.0	9.7	7.3	<5.0	-	-	340	-
DW-6		08/13/01	110	<1.0	2.8	15	5.5	-	-	310	-
DW-3		01/16/01	<1.0	3.4	1.1	3.6	<5.0	-	-	<100	-
DW-3		04/12/01	<1.0	4.7	<1.0	<3.0	<5.0	-	-	490	-
DW-3		10/09/01	26	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		01/29/02	6.6	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		04/16/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		08/19/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		11/05/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		01/17/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		04/04/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		07/24/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-6		10/28/03	48	<1.0	1.4	4.4	<5.0	-	-	150	-
DW-3		02/04/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		04/07/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-3		08/24/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
MW-17		02/16/05	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-5		11/02/05	160	2.3	29	26	<1.0	-	-	340	-
DW-5		05/04/06	180	1.5	32	33	1.3	-	-	440	-
MW-17		12/01/06	<0.14	<0.36	<0.40	<1.1	<0.36	-	-	<26	-
DW-5	5	03/20/07	64	<1.0	55	19	1.8	-	-	270	-
DW-5	6	09/25/07	110	2.3	45	30	<1.0	-	-	370	-
DW-5	6	02/12/08	80	<1.0	32	28	<1.0	-	-	290	-
DW-5		11/10/09	12.0	<1.0	12.3	7.1	<5.0	-	-	<100	-
DW-5		02/11/09	58.7	<1.0	11.4	16.3	<5.0	-	-	169	-
DW-5		08/11/09	17.4	<1.0	14.8	14.3	<5.0	-	-	<100	-
DW-5		02/04/10	38.3	<1.0	25.8	7.5	<5.0	-	-	<100	-
DW-5		10/28/10	51.3	<1.0	15.0	14.8	<5.0	-	-	200	-
DW-5		03/03/11	24.7	<1.0	26.2	27.4	<5.0	-	-	193	-
Duplicate [(DPE-1 Pre-T (10:10)]	7,*	04/21/11	107	97.8	33.5	151	<1.0	13.0	<1.0	1,930	570
DW-8		09/15/11	9.4	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-5		03/21/12	2.3	<1.0	19.9	9.9	<5.0	-	-	<100	-
DW-6		08/21/12	4.6	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
DW-9		11/05/12	1,120	172	281	196	<1.0	-	-	4,210	-
DW-9		04/09/13	1,520	<5.0	279	17.5	43.9	-	-	4,960	-
DW-9		06/11/13	513	<5.0	157	<15.0	33.8	-	-	5,940	-
DW-9		08/29/13	1,270	34.5	306	52.1	<10.0	-	-	3,990	-
CW-Influent	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
DW-9		01/14/14	470	<10.0	413	<30.0	<50.0	-	-	3,950	-
DW-9		04/08/14	482	20.3	340	26.1	31.8	-	-	4,340	-
DW-9	8	06/05/14	336	6.0	305	2.8	24.5	-	-	4,450	-
Trip Blank	1	10/20/00	<0.50	0.58	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		11/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		12/13/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank	1	01/16/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		02/15/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		03/08/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank	*	04/12/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Trip Blank		05/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		06/22/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		07/30/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		09/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank	*	10/09/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		11/19/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
Trip Blank	**	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	**1.9**	<0.50	<100	-
Trip Blank	*	02/08/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Trip Blank		03/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Trip Blank		04/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Trip Blank		06/07/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Trip Blank		07/30/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Trip Blank		08/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Trip Blank		09/09/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		09/23/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		10/17/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		11/05/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		12/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank		01/17/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Trip Blank		02/06/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Trip Blank		04/03/03	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
Trip Blank		05/19/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Trip Blank	3	06/19/03	<0.50	<0.50	**0.57**	**2.0**	<1.0	<2.0	<0.50	-	-
Trip Blank	3	07/24/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	<100	-
Trip Blank		08/12/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Trip Blank	*, 1	09/09/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Trip Blank		10/28/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	<100	-
Trip Blank	1	11/25/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Trip Blank		12/31/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Trip Blank		01/28/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.5	<0.50	-	-
Trip Blank		02/04/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.5	<0.50	<100	-
Trip Blank		03/02/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.5	<0.50	-	-
Trip Blank		04/07/04	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
Trip Blank	*	04/30/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Trip Blank	*	05/03/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Trip Blank	*	06/17/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Trip Blank	*, 1	07/26/04	<0.50	**0.22 J**	0.16 J	0.62 J	<0.50	<0.50	<0.50	-	-
Trip Blank		08/24/04	<1.0	<1.0	<1.0	<3.0	<5.0	<0.50	<0.50	-	-
Trip Blank		09/16/04	<1.0	**0.2 J**	<1.0	<3.0	<5.0	<0.50	<0.50	-	-
Trip Blank		11/22/04	<1.0	<1.0	<1.0	<3.0	<5.0	<0.50	<0.50	-	-
Trip Blank		11/10/04	<1.0	<1.0	<1.0	<3.0	<5.0	<0.50	<0.50	-	-
Trip Blank		12/02/04	<1.0	**0.21**	<1.0	<3.0	<5.0	<0.50	<0.50	-	-
Trip Blank		01/19/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Trip Blank		02/16/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Trip Blank	3	03/14/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Trip Blank		05/27/05	<0.50	<0.50	<0.50	<1.5	<2.0	<0.50	<0.50	-	-
Trip Blank		09/19/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
Trip Blank		11/02/05	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	<50	-
Trip Blank		02/15/06	<0.41	<1.0	<1.0	<3.0	<1.0	<1.0	<0.36	-	-
Trip Blank		05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<50	-
Trip Blank	1	06/02/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
Trip Blank		08/21/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
Trip Blank		12/01/06	<0.14	<0.36	<0.40	<1.1	<0.36	<0.74	<0.36	<26	-
Trip Blank		12/01/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36		
Trip Blank		12/14/06	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
Trip Blank		03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	<50	-
Trip Blank	1	04/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	<50	-
Trip Blank		05/03/07	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<50	-
Trip Blank		09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<50	-
Trip Blank		11/07/07	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	-	-
Trip Blank		02/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	<50	-
Trip Blank	3	05/20/08	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<0.36	-	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
Trip Blank	3	08/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank	3	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank	3	11/14/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank		12/29/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank	3	02/11/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank		02/12/09	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
Trip Blank		04/28/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank	3	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank		08/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Trip Blank		12/22/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank	3	02/03/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank		02/04/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Trip Blank		06/23/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		10/28/10	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
Trip Blank PW		10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank		11/05/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Trip Blank		11/09/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank MW		03/04/11	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
Trip Blank PW	3	03/04/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank DPE PT		04/21/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank MW		09/16/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Trip Blank PW	4	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank		11/11/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		03/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Trip Blank PW		03/22/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank		06/19/12	<1.0	**3.7**	**1.1**	**6.8**	<1.0	<4.0	<1.0	-	-
Trip Blank		08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank PW	3	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		11/05/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank PW		11/05/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank	3	03/21/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank		04/09/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Trip Blank PW	6	06/12/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		06/13/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Trip Blank PW		08/29/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		08/29/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank		10/17/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank PW	3	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank PW	3	04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		04/08/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Trip Blank PW	3	06/05/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Trip Blank MW		06/02/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Method Blank		10/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank		11/20/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank		12/13/00	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank		01/16/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank		02/15/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank		03/08/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank		04/12/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank		05/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank		06/22/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank		07/30/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank		08/13/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank		09/11/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
Method Blank	10/09/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	11/19/01	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	01/29/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	02/08/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	03/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	04/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	05/23/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	06/07/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	07/30/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	08/19/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	09/09/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	09/23/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	10/17/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	11/05/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	12/16/02	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	01/17/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	02/06/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	03/06/03	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
Method Blank	04/03/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	<100	-
Method Blank	05/19/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.50	<0.50	-	-
Method Blank	06/19/03	<0.50	<0.50	<0.50	<1.5	<1.0	<2.0	<0.50	-	-
Method Blank	07/24/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	<100	-
Method Blank	08/12/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Method Blank	09/09/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Method Blank	10/28/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	<100	-
Method Blank	11/25/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Method Blank	12/31/03	<0.50	<0.50	<0.50	<1.5	<1.0	<0.5	<0.50	-	-
Method Blank	01/28/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.5	<0.50	-	-
Method Blank	02/04/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.5	<0.50	<100	-
Method Blank	03/02/04	<0.50	<0.50	<0.50	<1.5	<5.0	<0.5	<0.50	-	-
Method Blank	04/07/04	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
Method Blank	06/17/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	07/26/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	08/24/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	<100	-
Method Blank	09/21/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	10/26/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	11/10/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	12/02/04	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	01/19/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	02/19/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	03/22/05	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	-	-
Method Blank	06/02/05	<0.50	<0.50	<0.50	<1.5	<2.0	<0.50	<0.50	-	-
Method Blank	09/19/05	<0.41	<1.0	<1.0	<3.0	<1.0	<5.0	<0.36	-	-
Method Blank	11/02/05	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<50	-
Method Blank	02/15/06	<0.41	<1.0	<1.0	<3.0	<1.0	<5.0	<0.36	-	-
Method Blank	05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<50	-
Method Blank	06/02/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
Method Blank	08/21/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
Method Blank	11/30/06	<0.41	<0.67	<0.54	<2.6	<0.61	<0.74	<0.36	-	-
Method Blank	12/01/06	<0.41	<0.36	<0.4	<1.1	<0.36	<0.74	<0.36	<26	-
Method Blank	12/01/06	<0.41	<0.36	<0.4	<1.1	<0.36	-	-	<26	-
Method Blank	12/14/06	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
Method Blank	03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	<5.0	<1.0	-	-
Method Blank	04/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
Method Blank	05/03/07	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
Method Blank	09/25/07	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
Method Blank	11/07/07	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
Method Blank	02/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-
Method Blank	05/20/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	-	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
Method Blank	08/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	11/12/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	11/14/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
Method Blank	12/29/08	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	02/11/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	04/28/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	02/12/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
Method Blank	08/10/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	08/11/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank	12/22/09	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	02/03/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	02/04/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank	06/23/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	09/30/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	10/28/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank PW	10/29/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
Method Blank	11/05/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	<100
Method Blank	11/09/10	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
Method Blank MW	03/04/11	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<100	<100
Method Blank PW	03/04/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank DPE PT	04/21/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	<100
Method Blank MW	09/16/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank PW	09/16/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	11/11/11	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	03/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank PW	03/22/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	06/19/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Method Blank PW	08/23/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	11/05/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Method Blank PW	11/05/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	03/21/13	<1.0	<1.0	<1.0	<3.0	<1.0	**0.13 J**	<1.0	-	-
Method Blank	04/09/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank PW	06/12/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	06/13/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank PW	08/29/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	08/29/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank	10/17/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank PW	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	01/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Method Blank PW	04/09/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	04/10/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Method Blank PW	06/12/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	-	-
Method Blank MW	06/14/14	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	11/19/01	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	11/05/02	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	01/17/03	<1.0	**1.2**	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	07/24/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	10/28/03	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	04/07/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	08/24/04	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	02/16/05	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank	11/02/05	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
Pump Blank	05/04/06	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
Pump Blank	03/20/07	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-

TABLE 11 - GROUNDWATER ANALYTICAL RESULTS (WELLS)
PAYNESVILLE MUNICIPAL WATER SUPPLY - MPCA
PAYNESVILLE, MINNESOTA 56363
TERRACON PROJECT NO. 41987018

Sample ID		Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Xylenes (µg/L)	Methyl Tert-Butyl Ether (µg/L)	Naphthalene (µg/L)	1,2-Dichloro-ethane (µg/L)	Gasoline Range Organics (µg/L)	Diesel Range Organics (µg/L)
Pump Blank		02/13/08	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<50	-
Pump Blank		11/12/08	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		12/29/08	<1.0	<1.0	<1.0	<3.0	**9.2**	<4.0	<1.0	<100	-
Pump Blank		02/12/09	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		02/04/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		10/29/10	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		03/03/11	<1.0	**1.5**	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		09/15/11	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		03/21/12	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		08/22/12	<1.0	<1.0	<1.0	<3.0	<1.0	-	-	<100	-
Pump Blank		11/06/12	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank		04/09/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		06/11/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank 2		06/12/13	<1.0	<1.0	<1.0	<3.0	<5.0	-	-	<100	-
Pump Blank		08/28/13	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank		01/14/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank		04/08/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank 2		04/10/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank 1		06/02/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank 2		06/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank 3		06/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank 4		06/04/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
Pump Blank 5		06/04/14	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1.0	<100	-
HRL / *HBV*	-	-	2	200	50	300	*70*	300/*70*	*4/1*	*200*	*200*
MCL	-	-	5	1,000	700	10,000	NE	NE	5	NE	NE
NPDES for CW-4	-	-	5	NE	NE	NE	NE	NE	5	NE	NE
NPDES for Pilot Test	-	-	5	5	5	5	NE	NE	NE	NE	200

Note:
Concentrations in micrograms per liter (µg/L), equivalent to parts per billion.
Results at or below the laboratory reporting limits (RLs) were preceded by the less than symbol (<).
Analytes not sampled, or results not applicable, were represented with a hyphen (-).
Bolded values exceeded the reporting limits for the selected analytes.
G - Samples analyzed using GC in Geoprobe Sampling Vehicle.
HRL/HBV - Health Risk Limit / Health Based Values (Minnesota Department of Health)
MCL - Maximum Contaminant Levels (Environmental Protection Agency)
NPDES - National Pollutant Discharge Elimination System limits.
1. One or more non-petroleum VOCs detected.
2. Large unidentified peak present in DW-3 and Dup GRO (tentative ID 2-ethyl-1-hexanol).
3. Benzene and 1,2-Dichloroethane were not detected between the MDL and RL unless J flagged
4. Benzene and 1,2-Dichloroethane were not detected to 1/2 the RL unless J flagged
5. Early and late eluting peaks were present outside the GRO window of analysis.
6. Early eluting peaks were present outside the GRO window of analysis.
7. Low boiling point hydrocarbons present in DRO sample.
8. Analyzed outside of method required hold time.

ND - Not Detected
D - Duplicate
* - Other petroleum related VOCs detected.
** - Concentration due to sample carry over.

7/22/2014