

# WEEKLY MEMO

**Date:** July 6, 2012

**To:** Mayor Lynn Stauss, Council President Craig Buckalew, Vice President Wayne Gregoire, Council Members Marc Demers, Ron Vonasek, Henry Tweten, Greg Leigh, and Mike Pokrzywinski.

**From:** Scott Huizenga

**RE:** Weekly Update

## **UPCOMING MEETINGS:**

*July 10, 2012 – 5:00 pm – Work Session – Training Room*

*July 17, 2012 – 5:00 pm – Council Meeting – Council Chambers*

*July 24, 2012 – 5:00 pm – Work Session – Training Room*

*August 7, 2012 – 5:00 pm – Council Meeting – Council Chambers*

## **WEEKLY UPDATE:**

### **Green Choices Challenge**

The Recyclebank Green Choices Challenge is now on. Through the end of the year, residents can input their recycling activity online via a Personal Identification Number (PIN) to record their recycling activity. East Grand Forks is in the running with cities across the country to garner a \$100,000 grand prize for the most recycling participation. Additionally, through the Recyclebank program, residents also can points redeemable for coupons and discounts simply by recording their recycling activities. Residents received their activation codes last week in the mail. Anyone who lost their code can re-register online or contact Public Works (773-1313) for assistance on the program or retrieving their code. More information is available at [www.recyclebank.com/greenchoices](http://www.recyclebank.com/greenchoices), where one can also register and retrieve a lost PIN.

## **DEPARTMENT REPORTS:**

### **Mike Hedlund, Police Department**

#### **EGFPD Receives Alcohol Compliance Check Grant from the Invitation Health Institute**

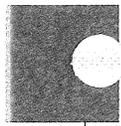
The East Grand Forks Police Department has received a grant from the Invitation Health Institute (formerly the Minnesota Institution of Public Health) to cover the expenses related to conducting alcohol compliance checks. The IHI grant to the City of East Grand Forks provides a \$30 payment per liquor license holder for compliance checks that the Department conducts. The grant funds two rounds of compliance checks – the first must take place between July 1, 2012 and December 12, 2102 while the second must take place between January 1, 2013 and May 15, 2013. The EGFPD conducts the compliance checks with underage volunteers who work under the supervision of plain clothes officers.

## **Parks and Recreation, Dave Aker**

- 1) We are putting all the things we bought for Dick Grassel down by the kiosk from the memorials we received. The benches and picnic tables are made of cedar.
- 2) We are filling in the wood mulch at the playground equipment that is in Sherlock Park, beneath the swimming pool.
- 3) The Park and Recreation puts on its annual Prep Baseball Tournament this weekend, it starts Friday.
- 4) The campground is doing GREAT, we have been filling up the full service sites and most of the rustic sites.

## **Agenda Items:**

1. The City Council will discuss the Polk County Dispatch Consolidation Review feasibility report. The report was completed in December 2011. Officials from Polk County, East Grand Forks, and Crookston met in May at the Polk County Service Center in East Grand Forks to discuss the report. County commissioners requested at that time that the cities meet again amongst themselves to discuss the possibilities of a dispatch collaboration. I have invited three experts who have managerial and technical knowledge of Next Generation 9-1-1 (NG911) systems: Byron Sieber, Director of the Red River Regional Dispatch Center (RRRDC) for Fargo-Moorhead; Becky Ault, Director of the Grand Forks County Public Safety Answering Point (PSAP); and Shawn Larsen of Morris Communications, who has worked on technical aspects of several PSAPs throughout Minnesota. For your information, I have included in the packet the following:
  - a. The December 2011 Polk County feasibility report
  - b. A 2004 report to the Minnesota Legislature on the Fargo-Moorhead collaboration
  - c. An "Advantages of Consolidation" list from another jurisdiction
  - d. A Wikipedia page that discusses NG911 technology.
2. The City Council will discuss funding options for the swimming pool. The Council opted this week to postpone action on awarding the construction contract due to budget concerns. The current Request for Council Action (RCA) and a summary bid tabulation is included in the packet. I have attached the (pre-bid) final estimate to this memo. The estimate includes more detail on the bid items. Please note that the estimated cost does not match the final bid tabulation. The Council previously received the detailed estimate in May.
3. I will ask the Council to advise me on its preferences for recruiting and filling the Fire Chief position.



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## City of East Grand Forks, MN Pool Renovation – Updated Cost Estimates EAPC Project 20114141

We have created two reports addressing mandatory and elective work efforts and their associated costs.

The first report, titled “Required Upgrades”, lists the mandatory work required by the Minnesota Department of Health that must be completed in order to reopen the pool for the summer of 2012.

The second report, titled “Recommended Upgrades”, lists the elective work that should be considered to renovate and modernize the pool facility.

Following the Cost Summary are individual work efforts and costs.

EAPC recommends that a priority list be developed by the City and EAPC staff to create a project that meets your long term goals and that are within your fiscal capabilities.

### Required Upgrades

1. Minnesota Department of Health Compliance Costs ..... \$ 30,000.00

### Recommended Upgrades

	<u>November 2011</u>	<u>April 2012</u>
1. Swimming Pool .....	\$ 616,070.00	\$ 589,973.00
2. Wading Pool.....	\$ 47,250.00	\$ 84,620.00
3. Pump House .....	\$ 228,686.00	\$ 206,736.00
4. Bath House .....	<u>\$ 356,135.00</u>	<u>\$ 437,751.00</u>
<b>Estimated Total Construction Costs .....</b>	<b>\$ 1,257,141.00</b>	<b>\$ 1,319,080.00</b>



## General Cost Detail

### REQUIRED GENERAL CONSTRUCTION UPGRADES

The EGF Parks and Recreation Department will address and complete the General Construction items identified in the Minnesota Department of Health 9/20/11 Inspection report. Items identified in the report include:

1. Post trained operator certificate
2. Post the current license allowing the pool to operate
3. Post the pool user capacity in the pool area.
4. Secure the ladders so they are tight.
5. Repair the chemical disinfectant feeder
6. Remove logos from the pool bottom and paint with approved finish
7. Provide a stripe on the bottom and walls of the pool where the depth changes from 5 ft to 12 ft.
8. Add more 'No Diving' decals to the pool at maximum 25 ft. intervals
9. Provide a stripe on the leading edge of the stairs
10. Provide handrails on the steps in the main pool.
11. Post rules and warnings at the entrance to the flume slide.
12. Install a float line rope with buoys that define the flume slide area
13. Provide a new ladder within the new float line.



**RECOMMENDED GENERAL CONSTRUCTION UPGRADES**

November 2011      April 2012

**A. Swimming Pool**

1. Replace the existing skimmers with a stainless steel perimeter recirculation system. This includes removal and replacement of concrete wall and pool edge. Piping is listed separately in the Mechanical report.
 

Stainless Steel Perimeter Recirculation System .....	\$ 188,000.00	\$ 186,000.00
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2. The existing pool surface is cracked and most likely leaks water. We recommend installing a new PVC Pool Liner System to prevent leaking.
 

PVC Pool Lining System.....	\$ 50,000.00	\$ 45,000.00
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3. Main drains and piping replacement. This item is the cost to remove and replace the pool concrete and associated excavation and backfilling.
 

Piping is listed under the Mechanical Report.

Main Drain Replacement .....	\$ 15,300.00	\$ 15,300.00
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4. Concrete Pool Deck Slabs
 

Remove and replace concrete deck slabs. Cost to replace deck drains is listed in the Mechanical report.

Deck Slabs .....	\$ 160,000.00	\$ 149,469.00
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5. Replace Diving Boards .....
6. Signage Allowance .....
7. Replace Pool Ladders .....
8. Replace Lifeguard Chairs .....
9. Remove and Replace Sidewalk .....





**RECOMMENDED GENERAL CONSTRUCTION UPGRADES**

	<u>November 2011</u>	<u>April 2012</u>
10. Replace chain link fencing with new 4' high fence .....\$ 24,000.00 between wading and main pool. Also at water slide.	\$ 24,000.00	\$ 6,045.00
11. Concrete Entrance Steps.....\$	0.00	\$ 9,000.00
12. Remove & Reinstall Water Slide.....\$	0.00	\$ 5,000.00
13. Upgrade Water Slide Guardrails.....\$	0.00	\$ 3,000.00
14. Sandblast and Paint Water Slide Structure.....\$	<u>0.00</u>	<u>\$ 7,000.00</u>
Subtotal .....	\$ 486,900.00	\$ 432,114.00
 <b>B. Wading Pool</b>		
1. Replace Main Drains. This cost is for concrete removal and replacement and associated earthwork to replace the Wading Pool Main Drains.		
Main Drain Replacement .....	\$ 12,500.00	\$ 12,500.00
2. Surface Painting of Wading Pool .....	\$ 3,500.00	\$ 3,500.00
3. Zero Depth Entrance and Patch Sidewalls.....\$	0.00	\$ 10,000.00
 <b>C. Pump House</b>		
1. New Chemical Storage Room.....\$	15,000.00	\$ 15,000.00
2. Replace Doors.....\$	2,500.00	\$ 2,500.00
3. Replace Roof.....\$	5,000.00	\$ 5,000.00
 <b>D. Bath House</b>		
1. Reroofing .....	\$ 50,000.00	\$ 50,000.00
2. General Renovation to include .....	<u>\$ 175,000.00</u>	<u>\$ 235,822.00</u>
Subtotal .....	\$ 263,500.00	\$ 334,322.00
 <b>SUMMARY: General Construction Recommended Upgrades.....\$ 750,400.00</b>		
		<b>\$ 766,436.00</b>



## Mechanical Cost Detail

### REQUIRED MECHANICAL UPGRADES

November 2011      April 2012

#### **A. Swimming Pool**

1. Per MN Statute 144.1222 Subd. 1c: New unblockable drain covers are required at each of the 3 existing 18"x18" drains with a minimum of 144 sq.in. of surface area each. [See Photo M1]

New Swimming Pool Unblockable Drain Covers.....\$    1,500.00

2. Per MN Statute 144.1222 Subd. 1c; and Per 4717.2580 Subp. 1,2: The flume slide pump suction intake is required to have a screen meeting the ATPSA (Anti-entrapment Act). [See Photo M2]

New Flume Slide Suction Intake.....\$    1,000.00

#### **B. Wading Pool**

1. Per MN Statute 144.1222 Subd. 1c: A new unblockable drain cover is required at the existing 18"x18" drain with a minimum of 144 sq.in. of surface area each.

New Wading Pool Unblockable Drain Covers .....\$    500.00

#### **C. Pump House**

1. Per 4717.2570 Subp. 4: A new flow indicator is required with a capacity of 1,500 gpm for the swimming pool recirculation near the pool pump. [See Photo M3]

New Swimming Pool Flow Indicator.....\$    3,000.00

2. Per 4717.2570 Subp. 6: A new thermometer is required on the pool return line near the pool pump for the swimming pool. [See Photo M3]

New Swimming Pool Thermometer.....\$    500.00



## REQUIRED MECHANICAL UPGRADES

	<u>November 2011</u>	<u>April 2012</u>
3. Per 4717.2150 Subp 2: A new a 1-1/2" RPZ-BFP is required inside the pump house near the main water service for the wading pool cold water supply. [See Photo M4]		
New Wading Pool Backflow Preventer.....	\$ 2,500.00	_____
Subtotal .....	\$ 9,000.00	\$ 9,000.00

## RECOMMENDED MECHANICAL UPGRADES

### **D. Swimming Pool**

- The original swimming pool return piping has been sleeved with smaller piping. Replace both the return and skimmer piping with new piping when gutter is replaced.
 

New Swimming Pool Gutter Piping .....	\$ 68,920.00	
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- The existing swimming pool deck drains are cracked, crooked, and many are higher than the surrounding deck itself. Replace these drains and the associated piping. This should also include replacement of the CW hose bib in the deck for wash down.
 

New Swimming Pool Deck Drains and Piping .....	\$ 34,650.00	
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- The original swimming pool main drains at the bottom of the diving bay should be reviewed and potentially replaced before any pool liner or resurfacing occurs. This will require excavation and repiping all the way back to the Pump House.
 

New Swimming Pool Main Drains and Piping .....	\$ 25,600.00	_____
Subtotal .....	\$ 129,170.00	\$ 157,859.00

### **E. Wading Pool**

- The original wading pool has only one main drain. It should have a second drain per MN Rules 4717.2580 Subp. 1E along with replacing the existing drain before any pool liner or resurfacing occurs. This will require excavation and repiping all the way back to the pump.
 

New Wading Pool Main Drains and Piping.....	\$ 10,000.00	
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## RECOMMENDED MECHANICAL UPGRADES

November 2011      April 2012

2. The existing wading pool does not have any skimmers. The wading pool is 1,540sf. A skimmer is required for each 400 sf. per MN Rules 4717.2595 Subp. 1. A minimum of 3 skimmers are required.

New Wading Pool Skimmers and Piping.....\$    7,250.00

3. The existing wading pool pump is not on site at this time. Actual capacity is not known. Recommend reviewing pump capacity of insure pump can provide required 90 GPM in order to provide proper recirculation rate of one complete water change in 2 hours per MN Rules 4717.2560 Subp. 2. For purposes of this report, the pump is assumed adequate at this time.

Review Wading Pool Pump Capacity.....\$            0.00

4. The existing wading pool pump is located outside the main pump house. Recommend locating this pump inside the pump house, space permitting.

Relocate Wading Pool Pump.....\$    5,000.00

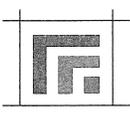
5. The current wading pool water treatment is provided by manually dropping tablets. This lends itself to human error and potential issues with young swimmers. Recommend providing automatic water treatment for the wading pool per MN Rules 4717.2610. This could potentially be connected to the main swimming pool treatment system.

New Wading Pool Water Treatment System.....\$    5,000.00

6. The current wading pool is not heated potentially turning away young swimmers and other family members. Recommend providing heat to the wading pool. This could potential be connected to the main swimming pool heating system.

New Wading Pool Heat Connection.....\$    4,000.00

Subtotal .....\$    31,250.00                      \$    58,620.00



**RECOMMENDED MECHANICAL UPGRADES**

November 2011      April 2012

**F. Pump House**

1. The existing pool pump is inoperable and currently is offsite at a vendor waiting for refurbishment direction. It is understood that approximately \$10,000 in refurbishment cost is required in order to repair the old pump. Original drawings indicate this pump to be 25HP, 942 GPM, 220v/3ph. A new pump(s) would be more efficient. New VFD(s) could also be provided to provide a soft start and reduce the electrical demand charges. This work would require substantial repiping in the pump house. [See Photo M3]

New Swimming Pool Pump(s) .....\$ 65,000.00

2. The original swimming pool filtration system consisted of 4 large filters with a total capacity of 942 GPM. Currently, only 1 of these filters exists. This leaves the current filtration capacity of 235 GPM. 900 GPM is required per MN Rules 4717.2560 Subp. 1 and 4717.2850. Three exterior fiberglass filters could be provided in the same location as the original filters. Replace existing filter with new fiberglass sand filled filters and repipe. [See Photo M5]

New Swimming Pool Filtration System .....\$ 51,000.00

3. The original swimming pool chemical treatment system consists of high pressure chlorine gas. This method is dangerous and obsolete. A simpler means of using liquid chlorine and Acid feeder systems is now much more common and used successfully in other local pools. This would consist of poly tanks, automatic sensors and chemical feeder pumps. Recommend replacing the chemical treatment system with one per MN Rules 4717.2610 and 4717.2650. This system could potentially also serve the wading pool. [See Photo M6]

New Chemical Treatment System .....\$ 15,000.00

4. The existing 80% efficient pool heater appears to still be operational despite being approximately 20 years old. If substantial renovations occur, it is recommended to replace this with a new heater that could be more efficient. [See Photo M4]

New Pool Heater .....\$ 46,600.00



**RECOMMENDED MECHANICAL UPGRADES**

November 2011      April 2012

5. The existing 4" domestic cold water service is cast iron. If substantial renovations occur, recommend replacing the line to avoid potential water issues. [See Photo M4]

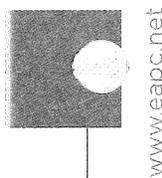
New 4" Domestic Water Service .....	\$ 25,000.00	_____
Subtotal .....	\$ 202,600.00	\$ 173,150.00

**G. Bath House**

1. The existing bath house fixtures are old. If substantial renovations occur, recommend replacing all the fixtures and provide proper amount of fixtures and ADA fixtures per MN Rules 4717.3650. At this same time the domestic water heating system could also be upgraded. [See Photo M7 and M8]

New Bathhouse Plumbing Fixtures .....	\$ 75,250.00	_____
Subtotal .....	\$ 75,250.00	\$ 86,275.00

SUMMARY: Mechanical Construction Recommended Upgrades..\$ 438,270.00      \$ 475,904.00



## Electrical Cost Detail

### REQUIRED ELECTRICAL UPGRADES

There were no electrical deficiencies noted in the Minnesota Department of Health September 20, 2011 public pool and spa inspection report. There will be some electrical associated with the mechanical work cited. This work should be minimal and will be included in the mechanical estimates.

Although no electrical work is required, there are a number of items that should be considered. Some of the existing electrical equipment was part of the original construction and is obsolete. Some of the equipment is not energy efficient.

Suggested changes are as follows:

### RECOMMENDED ELECTRICAL UPGRADES

November 2011

April 2012

#### **A. Bath House**

1. Replace the existing electrical service and panel. The existing main disconnect, wire way, security lighting disconnect and time clock are old, obsolete, and rusty. This is the original equipment installed in 1963.

Provide New Electrical Service Estimate .....	\$ 14,100.00	\$ 11,200.00
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2. Replace the existing bath house lights. The existing lights use T12 fluorescent lamps, which are not energy efficient. These lamps are obsolete and will not be available much longer. The new T8 and T5 fluorescent lamps provide more lumens per watt and have a longer lamp life. Thus, lowering maintenance and energy costs. The existing fixtures are 4'-0" two fluorescent lamp strip lights with metal housings. Plastic tubes have been installed over the lamps to meet code. These tubes shorten lamp life.

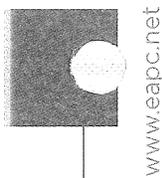
Replace the existing light fixtures with new 4'-0" fixtures with impact resistant fiber glass housing, impact resistant acrylic lens and energy efficient T8 fluorescent lamps. Replace on a one-for-one basis.

Provide New Light Fixtures in Bath House.....	\$ 11,825.00	\$ 14,100.00
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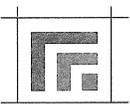


## RECOMMENDED ELECTRICAL UPGRADES

	<u>November 2011</u>	<u>April 2012</u>
3. Replace the existing sound system. The existing system is old, obsolete, and does not work properly. Replace the main console, amplifier, remote station speaker, microphone jacks and cabling.		
Provide New Sound System .....	\$ 8,360.00	\$ 8,550.00
4. Demolition .....	\$ 0.00	\$ 4,100.00
5. Power Wiring .....	\$ 0.00	\$ 5,150.00
6. Replace the existing 250 watt mercury vapor light fixtures with new 250 watt metal halide fixture. New fixtures are more efficient and have a longer lamp life. [See Photo E-2]		
Repaint existing poles.		
Provide New Exterior Post Top Light Fixtures.....	<u>\$ 21,600.00</u>	<u>\$ 22,554.00</u>
Subtotal .....	\$ 55,885.00	\$ 65,654.00
<b>B. Pump House</b>		
1. Replace electrical service .....	\$ 0.00	\$ 7,050.00
2. Provide New Lighting.....	\$ 3,036.00	\$ 3,036.00
3. Replace the 10'-0" baseboard electric heater with self-contained thermostat. The existing heater is rusted beyond repair.		
Replace Baseboard Heater .....	\$ 550.00	\$ 550.00
4. Demolition .....	<u>\$ 0.00</u>	<u>\$ 450.00</u>
Subtotal .....	\$ 3,586.00	\$ 11,086.00
<b>SUMMARY: Electrical Construction Recommended Upgrades .....</b>	<b>\$ 59,471.00</b>	<b>\$ 76,740.00</b>



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## EGF Pool Renovation Alternate Bid - Cost Estimates

1. Aquatic Fountain at Wading Pool .....	\$ 22,000.00
2. Concession Area .....	\$ 23,000.00
3. Cabana Shelters .....	\$ 26,000.00
4. Aluminum Picket Fence.....	\$ 120,000.00