

**GEORGETOWN FIRE DEPARTMENT  
WATER RESCUE TEAM  
FIVE YEAR PLAN**

**Major Purchases:**

(8) Diving Concepts Dry suit w/undergarment	\$950.00/ea.	\$ 7600.00
(10) AGA Semi-positive pressure full-face masks with buddy phone communication system	\$1025.00/ea.	\$ 10250.00
(1) SP-100 Shore Station	\$821.00/ea.	\$ 821.00
(2) AGA Semi-positive pressure full-face masks (replacements)	\$595.00/ea.	\$ 1190.00
(10) Oceanic Ocean Pro BCD's	\$210.00/ea.	\$ 2100.00
(10) Fins	\$ 44.00/ea.	\$ 440.00
(8) Weight Harness with weights	\$ 87.00/ea.	\$ 696.00
(8) Wetsuit Gloves	\$ 22.00/ea.	\$ 176.00
(8) Wetsuit Hoods	\$ 26.00/ea.	\$ 208.00
(10) Pony Air Bottles w/mounting bag	\$100.00/ea.	\$ 1000.00
(10) 80 cu. Ft. dive tank (replaces older tanks)	\$143.00/ea.	\$ 1430.00
(2) Exposure suits for dive tenders	\$539.00/ea.	\$ 1078.00
(2) Swift water rescue helmets	\$ 50.00/ea.	\$ 100.00
(10) Swift water rescue life jackets	\$157.00/ea.	\$ 1570.00
(10) Underwater hand held lights	\$ 50.00/ea.	\$ 500.00
(1) Honda generator with portable light	\$1200.00/ea.	\$ 1200.00
(1) Flat bottom row boat	\$2000.00/ea.	\$ 2000.00
(1) Atlantis AUW-555 Panning Underwater Camera and Monitor	\$599.00/ea.	\$ 599.00
(1) Ladder for dive boat	\$100.00/ea.	\$ 100.00
<b>GRAND TOTAL:</b>		<b>\$33,058.00</b>

**Training**

- Three new divers will complete their PADI open water certification.
- Dry suit dive training class for all certified divers.
- Ice rescue night training class (this class will be open department wide).
- Rescue diver training class.
- Swift water rescue class.
- Ice dive training class.

**OSHA/NFPA compliance**

- Establish a safe operations manual.
- Yearly preventative maintenance.

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**Year 2005**

**Major Purchases:**

(3) Complete SCUBA Outfits:		
(3) Diving Concepts Dry suit	\$725.00/ea.	\$2175.00
(3) Dry suit Undergarment	\$225.00/ea.	\$ 675.00
(3) AGA Semi-positive pressure full-face mask w/out buddy phone	\$595.00/ea.	\$1785.00
(3) Oceanic Ocean Pro BCD's	\$210.00/ea.	\$ 630.00
(3) Fins	\$ 44.00/ea.	\$ 132.00
(3) Weight Harness with weights	\$ 87.00/ea.	\$ 261.00
(3) Wetsuit Gloves	\$ 22.00/ea.	\$ 66.00
(3) Wetsuit Hoods	\$ 26.00/ea.	\$ 78.00
(1) Atlantis AUW-555 Panning Underwater Camera and Monitor	\$599.00	\$ 599.00
<b>Grand Total</b>		<b>\$6401.00</b>

After these purchases, we will have seven divers equipped with dry suits and three divers equipped with full-face masks without communications. It is highly recommended by safety diver professionals to have all ten divers equipped with dry suits and AGA Semi-positive pressure full face masks with communications for safety reasons.

**Training:**

(3) Divers will be certified with PADI Open Water Certifications. This will give the water rescue team (10) PADI open water certified divers.

**Year 2006**

**Major Purchases:**

(2) Complete SCUBA Outfits		
(2) Diving Concepts Dry suit	\$725.00/ea.	\$1450.00
(2) Dry suit Undergarment	\$225.00/ea.	\$ 450.00
(2) AGA Semi-positive pressure full-face mask with communications	\$1025.00/ea.	\$2050.00
(2) Oceanic Ocean Pro BCD's	\$210.00/ea.	\$ 420.00
(2) Fins	\$ 44.00/ea.	\$ 88.00
(2) Weight Harness with weights	\$ 87.00/ea.	\$ 174.00
(2) Wetsuit Gloves	\$ 22.00/ea.	\$ 44.00
(2) Wetsuit Hoods	\$ 26.00/ea.	\$ 52.00

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(1) SP-100 Shore Station	\$821.00	\$ 821.00
(3) Buddy Phone Communications System for (3) AGA masks without	\$430.00/ea.	\$1290.00
(4) Pony Air Bottles w/mounting bag	\$100.00/ea.	\$ 400.00
	<b>Grand Total</b>	<b>\$7239.00</b>

We will be submitting a grant proposal for through the Homeland Security Grant for up to (10) AGA Semi-positive pressure masks with communications along with the SP-100 shore station. After these purchases, we will have nine divers equipped with dry suits five divers equipped with full-face masks with communications.

**Training**

All divers will be required to take the following classes:

- 1) Dry suit dive training class
- 2) Ice rescue night training class (this class will be open department wide)

**Water Rescue Operations Manual**

We will be writing a Georgetown Fire Department Water Rescue Operations Manual, which is required by OSHA. This manual will include but not be limited to OSHA requirements for dive/tender operations, dive/tender training, diver record keeping, and medical requirements for each diver.

**Year 2007**

**Major Purchases:**

(2) Complete SCUBA Outfits		
(2) Diving Concepts Dry suit	\$725.00/ea.	\$1450.00
(2) Dry suit Undergarment	\$225.00/ea.	\$ 450.00
(2) AGA Semi-positive pressure full-face mask with communications	\$1025.00/ea.	\$2050.00
(2) Oceanic Ocean Pro BCD's	\$210.00/ea.	\$ 420.00
(2) Fins	\$ 44.00/ea.	\$ 88.00
(2) Weight Harness with weights	\$ 87.00/ea.	\$ 174.00
(2) Wetsuit Gloves	\$ 22.00/ea.	\$ 44.00
(2) Wetsuit Hoods	\$ 26.00/ea.	\$ 52.00
(2) Exposure suits for dive tenders	\$539.00/ea.	\$1078.00
(2) Swift water rescue helmets	\$ 50.00/ea.	\$ 100.00
(4) Pony Air Bottles w/mounting bag	\$100.00/ea.	\$ 400.00

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(2) Underwater lights	\$ 50.00/ea.	\$ 100.00
(1) Honda generator with portable light	\$1200.00/ea.	\$1200.00
<b>Grand Total</b>		<b>\$7606.00</b>

After these purchases, we will have all ten divers equipped with dry suits while replacing one old dry suit. We will have seven divers equipped with full-face masks with communications. This equipment will also replace older swift water and ice rescue equipment. The Honda generator and light could possibly be purchased with the new medium rescue truck scheduled to be purchased for station #2 which houses the water rescue team.

**Training**

All divers will be required to take the Rescue Diver Training class offered by American Dive Zone. All divers and dive tenders will have the opportunity to take a swift water rescue class offered by Michigan Rescue Concepts, Inc..

**Year 2008**

**Major Purchases:**

(1) Complete SCUBA Outfits		
(1) Diving Concepts Dry suit	\$725.00/ea.	\$ 725.00
(1) Dry suit Undergarment	\$225.00/ea.	\$ 225.00
(1) Oceanic Ocean Pro BCD's	\$210.00/ea.	\$ 210.00
(1) Fins	\$ 44.00/ea.	\$ 44.00
(1) Weight Harness with weights	\$ 87.00/ea.	\$ 87.00
(1) Wetsuit Gloves	\$ 22.00/ea.	\$ 22.00
(1) Wetsuit Hoods	\$ 26.00/ea.	\$ 26.00
(2) Pony Air Bottles w/mounting bag	\$100.00/ea.	\$ 200.00
(2) AGA Semi-positive pressure full-face mask with communications	\$1025.00/ea.	\$2050.00
(2) Underwater lights	\$ 50.00/ea.	\$ 100.00
(1) Ladder for dive boat	approx. \$100.00	\$ 100.00
<b>Grand Total</b>		<b>\$3789.00</b>

After these purchases, all ten divers will be equipped with full-face masks with communications. These purchases will also be used to phase out older dry suits that need replacement.

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**Training**

All divers and dive tenders will have the opportunity to take a night ice rescue class.

**Year 2009**

**Major Purchases:**

(1) AGA Semi-positive pressure full-face mask with buddy phone	\$1025.00/ea.	\$1025.00
(4) Underwater lights	\$ 50.00/ea.	\$ 200.00
(5) 80 cu. Ft. dive tank (replaces older tanks)	\$143.00/ea.	\$ 715.00
(1) Oceanic Ocean Pro BCD's	\$210.00/ea.	\$ 210.00
(1) Fins	\$ 44.00/ea.	\$ 44.00
(5) Swift water rescue life jackets	\$157.00	\$ 785.00
	<b>Grand Total</b>	<b>\$2979.00</b>

**Year 2010**

**Major Purchases:**

(2) AGA Semi-positive pressure full-face mask w/out buddy phone	\$595.00/ea.	\$1190.00
(2) Underwater lights	\$ 50.00/ea.	\$ 100.00
(5) 80 cu. Ft. dive tank (replaces older tanks)	\$143.00/ea.	\$ 715.00
(1) Oceanic Ocean Pro BCD's	\$210.00/ea.	\$ 210.00
(1) Fins	\$ 44.00/ea.	\$ 44.00
(5) Swift water rescue life jackets	\$157.00	\$ 785.00
(1) Flat bottom row boat	\$2000.00	\$2000.00
	<b>Grand Total</b>	<b>\$5044.00</b>

We should replace the flat bottom row boat during this year. Every diver will be equipped after year 2010 with newer dry suits and full-face AGA masks with communications.