



THE IZAAK WALTON LEAGUE OF AMERICA

**Izaak Walton League of America**  
**Alexandria Chapter (Stafford, VA)**  
**Shotgun Range 5 Year Plan (2011-2016)**

20 November 2011



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**Shotgun Range Vision:**

Build an outstanding shotgun range facility and shotgun team in order to provide an outstanding array of events and training to current and future Chapter members.

**Shotgun Range Strategic Goals:**

1. Improve IWLA Alexandria Chapter Membership—Quality and Quantity
2. Grow New Shotgunners
3. Preserve and Improve the Shotgun Range

**Strategic Goals Discussion:**

All of the shotgun range goals directly support IWLA Alexandria chapter Constitution Article 2, objective b, “promote means and opportunities for the education of the public with respect to such (natural) resources, and the enjoyment and wholesome utilization thereof.” The shotgun range goals indirectly support Article 2 objective which says to “conserve, maintain, protect, and restore” natural resources by promoting increased membership and therefore membership dues, as well contributing money from shotgun range activities to the Chapter which can be used for conservation purposes.



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**The Ways to Achieve the Strategic Goals:**

**1. Improve IWLA Alexandria Chapter Membership—Quality and Quantity**

- a. *Increase membership numbers* by creating an outstanding shotgun range and shotgun-related opportunities that attracts new and current member participation
- b. *Improve member shotgun skills* by providing education, practice, and competition events
- c. *Improve member usage of shotgun range* in order to increase revenue and enable other goals and objectives
- d. *Improve shotgun range experience* to better target the needs of Alexandria chapter members and enable other goals and objectives

**2. Grow New Shotgunners**

- e. *Increase the numbers of men, women, and youth shotgunners from within the Alexandria Chapter* who use the shotgun range and related services
- f. *Increase the numbers of men, women, and youth shotgunners from outside the Alexandria Chapter* who use the shotgun range and related services
- g. *Provide educational and training opportunities* to improve both beginner and veteran shotgunners.

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3. Preserve and Improve the Shotgun Range
  - h. *Improve safety* in the physical, procedural, and personnel aspects of shotgun range.
  - i. *Maintain existing facilities* to achieve maximum life span
  - j. *Increase capacity of facilities* to accommodate more personnel and activities
  - k. *Improve quality of facilities* to enhance experience and support other goals
  - l. *Provide equipment and supplies* to operate the range and related activities

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### **Discussion of the Ways to Achieve the Goals:**

The various Ways shown above describe in general terms how the shotgun team will pursue its activities in order to achieve the strategic goals. The goals and the ways should remain relatively constant over the next 5 years.

However, the specific activities, improvements, and investments shown below are expected to be more dynamic as time goes by, as they are either completed, modified, or added to as the Chapter and shotgun range continue to evolve. The first ten tasks are described in some detail in the next section, but we already foresee another 40 or so tasks that will need to be done within five years to achieve our vision for the range; they will be developed over the coming months and years as time, resources, and priorities allow.

Some of the improvements or activities must be completed before others for the plan to succeed. Before providing the NRA Basic Shotgun course to the members at large and the public, the shotgun staff needs to be trained as NRA Shotgun instructors. Another example is that before hosting shooting events with the public, shotgun staff needs to be trained in CPR and first aid.

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Some activities are specifically tied to others. For example, increasing the capacity of the Ready area, the number of shotgun racks, and the parking lot size are directly tied to hosting larger events (of any kind).

Many of the activities or improvements are foundational in nature and needed to support everything that we do with the range. Buying pigeons, advertising events, maintaining facilities, and improving safety are all examples of these.

Volunteers are the foundation of the shotgun program. As we improve the quality and quantity of shotgun activities we will need to double the core volunteer staff from six to twelve, and establish ways to increase staff above that for certain events.

A word on safety. Safety is important at all times. Safety becomes a bigger challenge with bigger events, but can be managed if we invest, train, and plan properly. We do not intend to compromise on safety.



**Activities, Improvements, and Investments over Five (5) Year Period:**

For a summary of costs by year, skip to the spreadsheet at the end. Note that projects in italics have not been costed and are not in the spreadsheet.

1. Install and use a **range flag and sign system** (minimum 2) to enhance safety
  - a. Visual reference at Clubhouse and driveway entrance to shotgun range

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- b. We have had one recent experience on a chapter meeting day while we were operating the range, where two bystanders by the clubhouse decided to walk forward past the club house down the hill while we were operating the trap range (in the middle of a string of fire). When they walked forward of the left limit (which is marked, but a little down the hill), cease fire was called. We need a way to definitively let other members know where they can safely be and NOT be during range hours.
  - c. This is a **priority project**, that we need to address over the next 1-2 months.
  - d. Cost/Estimate: **\$500** for one free standing 20' aluminum flag pole with installation hardware, flag lanyard, cement, wall-mounted flag holder, hardware, two red range flags.
  - e. Recurring/Maintenance Costs: None within 5 years
  - f. Point of Contact: Shaun Harraden/Joe Kolos
  - g. Approval/Completion Date/Follow-Up Notes: Initial research and internet based price quote done by Shaun Harraden 17 Sep 2011. With Joe Kolos for further consideration as of 29 Sep 2011.
- 2. (JIM) Recurring purchase of supplies (clay pigeons is the major recurring purchase)**
- a. Current order of three pallets of pigeons (189 cases)
  - b. Cost for the three pallets delivered: \$1786.68
  - c. Sales POC: Wick Copeland at W.W.C.T, 16221 The Glebe Lane, Charles City, VA, 24502. Work: 804-829-2737  
Cell:804-338-9162
  - d. Chapter POC: Shaun Harraden 703-965-9688
  - e. Recurring cost: **\$2000 per year**
  - f. Approval/Completion Date/Follow-Up Notes: Three pallets delivered on 17 Sep 2011. Three person work detail offloaded the pallets, which were delivered by 18 wheeler. Closed for fall 2011. Next purchase in 2012.
- 3. Enclosed bulletin board(s) (2012) to permanently post safety, range, and other procedures**
- a. The safety rules and range procedures need to be permanently posted outside on the range. They need to be visible for review

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at all times, before every string of fire, and for any time there is a question.

- b. Specifications: An enclosed, weather-resistant case with a clear front and a cork-board interior.
- c. Cost/Estimate: \$674.89 plus shipping, \$750 total for one.
  - i. price drops by \$80/per unit if we buy two or more
  - ii. consider one for rifle range
- d. Source: [www.displaays2go.com](http://www.displaays2go.com), model EXCB3448, 34" X 48" Exterior Cork Board with locking door
- e. POC: Shaun Harraden 703-965-9688

**4. Provide NRA Instructor Shotgun Course for shotgun range volunteers (once a yr)**

- a. This class provides a foundation of shotgun knowledge and teaching skills to the permanent members of the shotgun range. We are looking to get all six current permanent shotgun volunteers trained in the next six months.
- b. It is needed before we host events with less experienced shooters, and before we offer the NRA Shotgun Basic Course, and so we can provide professional advice to any shooters we host on the shotgun range.
- c. The class consists of one day NRA Basic Instructor Course (BIC), and two days of classroom/range training.
- d. Cost/Plan: Based on traveling to an existing class at another facility, the cost would normally be \$200-\$400 per person, but we're testing out a partnership with Thomas Ciarula (VP of IWLA Arlington-Fairfax & Virginia IWLA National Director) to get some funding from Virginia IWLA division and training from Tom's Arlington-Fairfax Chapter training staff.
  - i. The cost for the Fall 2011 Shotgun Instructor Course is \$135 per person, or \$1080 for the 8 permanent shotgun volunteers
  - ii. The training will be hosted at IWLA Stafford facilities 22 October and 29/30 Oct for 2011.
  - iii. Approvals/Scheduling: On 18 September the Chapter approved by a vote the funding of \$1080.
  - iv. Recurring requirement: We expect based on the growth of the volunteer pool (final goal is steady state of 12 vols)

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and attrition that each year we'll need to get 5 volunteers trained annually

- v. Recurring/Maintenance Cost: \$750 per year for 5 vols, assuming the partnership with IWLA Arlington Fairfax continues to work.
- vi. POC: Shaun Harraden

**5. Increase permanent shotgun range volunteers to twelve (12) in order to:**

- a. Allows team to formalize the scheduling of two full-time volunteers for each Sunday shift (with duty about every 5-6 weeks), and
- b. Have enough formally trained/safety certified shotgun volunteers to effectively run competition events with minimal augmentation from the Chapter
- c. Increased volunteer numbers (2 per shift) will improve safety
- d. Plan: Advertise at every chapter meeting, emphasize training benefits, opportunities for "reduced-commitment" volunteers or "project manager" types, ensure that the shotgun range is a required stop for every orientation tour.
- e. Cost: This goal has no direct money cost by itself since the volunteers are not paid. However, the volunteer staff needs a certain level of training and gear, as described in the training and equipment sections of this plans.

-----items below here need more details and a cost estimate-----

**6. (AI) Establish an annual member's appreciation day event (shooting, food, prizes) (Dec 2011, possibly on meeting day).**

- a. This event is meant to both thank those that do use the shotgun range, and attract new users. We are hopeful that members will bring family and guests to the event.
- b. First one before the end of Calendar year 2011.
- c. Cost: \$400.00 per year
- d. Plan: Provide food (hot dogs/hamburgers/chips, non alcohol beverages, subsidized shooting on the range (two free rounds),

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and boxes of shotgun shells as prizes (based on raffle and/or best scores)

- e. POC: Al Barbier
- f. Approvals/Scheduling: TBD

**7. (CHRIS) Install a regulation trap range (complete by Summer 2013)**

- a. Install a regulation trap range immediately forward of the current range.
- b. The new range will consist of a two main features:
  - i. a concrete semicircle poured immediately in front of the current firing line, in the traditional trap arrangement where the back of the station-three 27 yard handicap position is directly in front of the current range's station three.
    - 1. There will be no overhead cover or permanent structure above the concrete.
  - ii. A launcher in a partially buried trap house located forward of the concrete semicircle pad.
- c. Cost Estimate:
  - i. concrete pads (John Komorowski an IWLA member [johnkomrowski@comcast.net](mailto:johnkomrowski@comcast.net) is the person who did the concrete pad where the shooting points are located), preparation of the ground/land, digging out the place for the partially buried house, assume a small foundation for the house, waterproofing for foundation, walls, roof, roofing, electric connection cable, underground conduit from existing electric connections, converter, the launcher itself, associated supplies, equipment.
- d. Any recurring costs:
- e. The traditional range will be installed in a way that adds a completely new option, without removing any of the current ranges features.
- f. The new range will allow current members to experience and practice trap shooting the same way it is done in other trap ranges around the US. It should also be a draw for members and potential members who must go elsewhere and pay higher rates to shoot regulation trap. Youth shooters might be

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encouraged by it since they are often interested in competing. It would also provide a facility that competitive shooter might be drawn to for practice or competition events (when we are able to hold them).

g. POC: Chris Arnold for Estimate

A.	Concrete	\$1000.00
B.	Stone	\$700.00
C.	Bunker	\$700.00
D.	Thrower	\$4000.00
	Total	<b>\$6400.00</b>

**8. (JOE) Provide NRA Basic Shotgun Course for members and non-members (2 to 4 courses yr, start in 2012)**

- a. Provide basic shotgun course to members and non-members
- b. Use Alexandria Chapter shotgun instructor staff and (for at least the first few classes) Thomas Ciarula's experienced staff.
- c. This class will cost the going rate for this region, and will provide three main things 1) exposure of Chapter facilities to possible new members 2) shotgun knowledge to members and non-members, and 3) revenue for the Chapter
  - i. consider targeting specific audience (youth, women )
- d. Schedule: Two per year starting in 2012
- e. Approvals/Scheduling: TBD, bring to Board after Shotgun Instructor Course complete. Will include some advertising costs.
- f. POC: Joe Kolos

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**Assumptions:**

- **Club trained Shotgun Instructors**
- **15 students – 10 members, 5 non-members – taught at Alex Chapter –sell lunch**
- **\$75 per student, \$50 NRA**
- **2 classes per year**
- **Club pays for ½ member training cost - \$750 per year for 2 classes**
- **Non-members pay training fees**
- **\$50 advertising per class**
- **Ciarula & Co in 2012 – our instructors in 2013 – 2016**
- **Shotgun shells for ½ class - \$250 up front, but recovered cost**
- **Cost for club \$850 in 2012 – advertising and member training – cost neutral in 2013 - 2016**
- **Benefits - Revenue from non-member training after 2012 using our instructors, new shotgun shooters and new members**
- **Club instructors benefit from helping in training**

<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>\$850</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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- 9. (JOE) Establish recurring “member’s only” competition shoot and/or league at the range (prizes, start in 2012)**
- a. Aim fo 2012, before Turkey shoot ends, plan TBD.

<p><b>15 shooters – 2 competitions per year initially</b>  <b>Prizes \$100, 50, 25 per shoot = \$175 paid by IWLA</b>  <b>Standardized shells for competition</b>  <b>\$3 per members per round to pay for clays, \$5.50 shells paid by shooters</b>  <b>Volunteers run shoot</b>  <b>Sell Food and recover cost</b>  <b>Cost to club \$350 per year for prizes</b>  <b>Benefits – revenues from new shooter at range</b></p>				
<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>\$350</b>	<b>\$350</b>	<b>\$350</b>	<b>\$350</b>	<b>\$350</b>

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**10. (JOE) Provide NRA Range Safety Officer Course for shotgun range volunteers (recurring once a year, for new range crew)**

- a. Need to get remaining and new volunteers to this class, consider getting it hosted at our facility so rifle/pistol range can benefit, and open to public (revenue)
- b. Plan TBD, need to do this before summer 2012, even if just send our volunteers to another location for training (Cost: \$100 per student if they travel, plus 30 for certificate, less if hosted here)
- c. POC: Joe Kolos

**Assumptions :**  
**Worst case - train somewhere else**  
**\$100 plus \$30 certification for Joel, Chris, Jim, Al, Jeff = \$650 in 2012**  
**Ongoing, 3 new volunteers per year = \$390**  
**Renewals \$11.50 for 2 years - Shaun and Joe in 2012 =\$25.**  
**Renewals for Joel, Chris, Jim, Al, Jeff in 2014 = \$60**

2012	2013	2014	2015	2016
\$675	\$390	\$475	\$390	\$475

**11. (JOE) Trash Barrels (2011)**

- a. Purchase three trash barrels with bags for range use
- b. Although for weekly events we have a carry-it-in/carry-it-out trash policy, we recognize that for family and competition events, we'll need on-site storage of trash to prevent litter from being a problem.
- c. Cost/Plan: TBD, expect less than \$300 for three good trash bins with lids and a year's supply of bags.
- d. POC: Joe Kolos

**Assumptions:**

- Walmart 32 gal \$40 x 3 = \$120
- Walmart 55 count 30 gal \$20 One bag per week x 3 = \$60 year
- A years worth \$180 Ongoing \$60 per year for bags. Replace a can every 2 years

2012	2013	2014	2015	2016
\$180	\$60	\$100	\$60	\$100

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**12. (JOE) Soil Management Project/Lead Shot Reclamation (TBD).**

- a. The Chapter will need to have the lead and other metals from shot and bullets removed from the soil on the ranges at some point in the future. This may be 5 years, 10 years, or more in the future. Although the ranges are low volume compared with public ranges, at some point this will be needed. IWLA is a conservation organization with the preservation of soil in its oath. More work is needed to figure out a way to test the soil and consider having the Chapter enact a “tax” for some period of years, from which the money would be set aside for a future soil management/lead reclamation project.

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- 13.(Joel) Provide First Aid and CPR training to range personnel (annual, start in 2012)**
- 14.Establish private shooting sessions for groups of members (available now, need to advertise within Chapter)
- 15.Establish a competition shoot where members sponsor guests (prizes, this is next step after "members-only" shoots, 2013) \$500 first year, 250 following**
- 16.Establish a competition shoot open to the public (prizes, late 2013 or 2014)**
- 17.Establish an annual kids day (with instructors, subsidized fees for kids, aim for summer 2012, shortly after fishing day)**
- 18.Establish an annual women's day (with instructors, subsidized fees for & women, timeline TBD, not later than 2013 or 2014)**
- 19. (Al) Enhance First Aid supplies available at the range (currently have small kit (2012)**

"The Range Trauma Kit is designed to be used by non-medical personnel for injuries likely to be sustained at firing ranges. These include minor cuts and scrapes, gunshot wounds, burns and shrapnel wounds. The primary purpose is to control bleeding until EMS personnel arrive or the victim is transported to a hospital.

This kit will treat numerous small injuries and contains enough supplies to treat five victims with major injuries until the arrival of EMS."

The cost of this kit is \$159.95 and, I think, should provide the extra first aid capability we want at the range. We should have one at the rifle/pistol range also. Check it out!

<http://www.practicaltrauma.com/range.shtml>

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- 20. (Richard) Establish reliable phone or other communications systems at shotgun range for immediate 9-1-1 calls (could be landline, radio, VHF, etc) for emergencies (before the Members sponsor guest competition event in 2013)**
- a. Cell phone service unreliable at range causes safety risk**

The Shotgun Range staging area is 540 feet from turkey shoot house.

Materials needed:

600' PVC rigid conduit (to insulate the phone wire) @ 1/2 inch \$1.21 x 10' length Total = \$72.60

650' phone line indoor/ outdoor Cat5 @ 500' X \$75.00 Total= \$150.00

PVC Primer and glue in one. @ \$10.00 a can Total= \$10.00

Miscellaneous connectors and fasteners Total= \$60.00

Push button wall phone Total= \$40.00

Weather resistant housing for phone Total= \$50.00

**Grand  
Total= \$382.60**

**21.(Joel) Megaphone for range safety officer use and event management (2012)**

**22. (John) Integrated Range Safety System (Audiovisual safety signals)**

*23. Refinish stairs (cracked boards): Completed September 17th 2011.*

*24. Add gutter to east side of trap house*

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**25.(CHRIS) Build on-site storage building/shed with electric power (2014)**

- a. Storage of pigeons, mobile throwers, safe, appliances
- b. Need Concrete pad for storage building/shed

A.	Material for Shed	\$1200.00
B.	Concrete for Slab	\$600.00
Total		\$1800.00

**26. (CHRIS) White board/dry erase to post temporary information/event info (scores, etc) (2012)**

A.	White Board	\$250.00
B.	Bulletin Board	\$350.00
Total		\$600.00

**27. (CHRIS) Maintenance Supplies: Wood preserver, paint, metal seal, tarps to extend life of buildings/scaffolds (2014)**

A.	Miscellaneous Items	\$700.00 per year
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**28. (CHRIS) Refit wooden picnic tables, consider purchase of more tables when appropriate (2013)**

A.	Material to Rebuild	\$250.00
B.	New Plastic Tables	\$250.00EA (1250 total)

**29. (CHRIS) Install racks to hold more shotguns during events (current rack holds 12) Do in 2012**

B.	Material for Racks	\$300.00
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**30. (CHRIS) Install some sort of storage for shooting gear (bags, ammo, etc, 2014**

C.	Materials to Build Storage	\$350.00
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**31. (CHRIS) Improve/Increase on-site bathroom facilities; increase porta-potti numbers for certain events, open to the public events is the key decision point.**

A.	Replacing Existing Old, w/ New Handicap	\$3500.00
B.	Renting Monthly, w/weekly cleaning year starting in 2014	\$100.00 per

*32. Extend size of ready area to accommodate more shooters and gear; includes both roof and concrete*

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- 33. *Add barbeque area on (or off) end of ready area (includes pit/fireplace, concrete)*
- 34. *Refrigerator and Freezer; primarily for ice and water (emergencies/hydration), can also be used to support full range of internal and external events/competitions*
- 35. *Fire extinguishers (BBQ area, electrical devices, grass fires)*
- 36. *Ceiling fan(s) for ready area to mitigate high temperature in summer*
- 37. **(CHRIS) Increase size of parking lot (current lot limited to 8-10 cars) late 2012**

A.	8X8 for Boarders	\$200.00
B.	Stone	\$1200.00
Total		<b>\$1400.00</b>

- 38. *Add new throwers/replace worn out throwers, including mounting stands/platforms/protective shielding (box/house/etc)*
- 39. *Prizes and supplies for events*
- 40. *Hats and shirts for range crew*
- 41. *Conduct advertising and promotion of shotgun activities and services to current IWLA Alexandria Chapter members in support of goals and Ways*
- 42. *Conduct advertising and promotion of shotgun activities and services to external audiences Alexandria Chapter members in support of goals and Ways*

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- 43. Evaluate ways to use and promote environmentally friendly technologies and practices at the shotgun range (solar or wind power, recycling, etc).*
- 44. Evaluate and pursue ways to highlight the good work and success of the shotgun range team both within and outside the Alexandria Chapter*
- 45. Pursue donated goods and services through IWLA national, NRA, and other organizations in order to achieve shotgun range goals at the least cost to the Chapter.*



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