**NE SARE GRANT – Equine Environmental Stewardship Program**

Name of Farm: Stonewall Stables Farm owner / manager: Craig Seyfried

Address 231 Bertolet School Road, Spring City, PA 19475

Phone 610-469-1841. SEYFRIED@aol.com

Description of farm (number of pasture acres, number of horses, farm activities and horse age/ breed type)

Stonewall Stables is a very well managed boarding operation. Approximately 10-14 horses are boarded at the farm. Horses are turned out for 12 hours per day on 19 acres of pasture. The farm has 3 small paddocks that can be used during adverse weather conditions and can be used as part of a system to rest and rotate larger pastures on the farm.

Date of visit and initial data collection \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Nutritional program

 Type of hay and amount fed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Grain ration / amount fed\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Supplements \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes:

Pasture data was collected from the large field behind the indoor arena. The top of the field is fairly steep and the forage density and quality is better at the top of the field. The area near the indoor is more heavily grazed, as expected. The pastures were sampled during a period of severe drought, which may reduce the % canopy cover calculation. Soil samples have been conducted on this field and the paddocks behind the barn. Weed pressure is fairly high – but due to the slope of the pastures, the decision was made to reseed first and manage weeds after the new forage is established to reduce the exposure of bare ground.

Renovation details:

 Herbicide used – name and date of application \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Soil Amendments/fertilizer applied and date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date of reseeding : September 8, 2011

 Method of reseeding: no-till drill (reseeded pasture near the road)

 Seed Mixture: 33.5%Tekapo, 23.7%perennial rye, 23.7 forage fescue, 11.7 KBG, 4.4 white clover

% Canopy Cover (Pre Renovation) - 80% % Canopy Cover (Post Renovation) - %

% Desirable Forage (Pre Renovation) – 50% % Desirable Forage (Post Renovation) – %

% Perennial Plants (Pre renovation) – 70% % Perennial Plants (Post Renovation) – %

Name of Farm \_\_Stonewall\_\_ Date \_\_\_\_\_\_\_ Pre pasture improvement (back manured field)

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| --- | --- | --- | --- |
| Data Collection Point  | Plant / organic matter / bare ground / plant litter | Data Collection Point | Plant / organic matter / bare ground / plant litter |
| 1 | Kentucky Bluegrass | 51 |  |
| 2 | Tansy Mustard | 52 |  |
| 3 | Buttercup | 53 |  |
| 4 | Large crabgrass | 54 |  |
| 5 | Kentucky Bluegrass | 55 |  |
| 6 | Broad leaf plantain | 56 |  |
| 7 | Kentucky Bluegrass | 57 |  |
| 8 | White Clover | 58 |  |
| 9 | White Clover | 59 |  |
| 10 | White Clover | 60 |  |
| 11 | Kentucky Bluegrass | 61 |  |
| 12 | Organic Matter | 62 |  |
| 13 | Kentucky Bluegrass | 63 |  |
| 14 | Kentucky Bluegrass | 64 |  |
| 15 | Large crabgrass | 65 |  |
| 16 | Dandelion | 66 |  |
| 17 | Kentucky Bluegrass | 67 |  |
| 18 | White Clover | 68 |  |
| 19 | Bare ground | 69 |  |
| 20 | Kentucky Bluegrass | 70 |  |
| 21 | Bare ground | 71 |  |
| 22 | Kentucky Bluegrass | 72 |  |
| 23 | Hemp Dogbane | 73 |  |
| 24 | Prostrate spurge | 74 |  |
| 25 | Organic matter | 75 |  |
| 26 | Kentucky Bluegrass | 76 |  |
| 27 | White clover | 77 |  |
| 28 | Bare ground | 78 |  |
| 29 | Bare ground | 79 |  |
| 30 | Bare ground | 80 |  |
| 31 | Forage fescue | 81 |  |
| 32 | Bare ground | 82 |  |
| 33 | White clover | 83 |  |
| 34 | Orchardgrass | 84 |  |
| 35 | Forage fescue | 85 |  |
| 36 | Dandelion | 86 |  |
| 37 | Kentucky Bluegrass | 87 |  |
| 38 | Kentucky Bluegrass | 88 |  |
| 39 | Tall fescue | 89 |  |
| 40 | Kentucky Bluegrass | 90 |  |
| 41 | Kentucky Bluegrass | 91 |  |
| 42 | Buckhorn Plantain | 92 |  |
| 43 | Large Crabgrass | 93 |  |
| 44 | Kentucky Bluegrass | 94 |  |
| 45 | Bare ground | 95 |  |
| 46 | Buttercup | 96 |  |
| 47 | Buttercup | 97 |  |
| 48 | Large crabgrass | 98 |  |
| 49 | Large crabgrass | 99 |  |
| 50 | Bare ground | 100 |  |

Name of Farm \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pre or post pasture improvement

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| Data Collection Point  | Plant / organic matter / bare ground / plant litter | Data Collection Point | Plant / organic matter / bare ground / plant litter |
| 1 |  | 51 |  |
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| 50 |  | 100 |  |