



Storm Lake Water Quality Project

Buena Vista Soil and Water Conservation District
1617 N Lake Ave Storm Lake, IA 50588
kimberly.proctor@ia.nacdn.net
slwaterquality.com
712-732-3096

New Opportunity Tile Intake Buffer Incentive \$200.00/AC/YR for 5 Year Agreement

Planting season is in full swing, and it is time to locate your tile intakes. The BWSWCD received a \$19,000 grant to buffer tile intakes that are located in the Storm Lake Watershed. The incentive includes both in field and road ditch intakes.



We are offering this incentive because tile intakes provide a direct input of sediment and nutrients into our creeks and Storm Lake. Buffering your intakes is easy, and would benefit Storm Lake's water quality. Please call if you are interested, we do have a deadline to use the money. If it is not spent in the watershed, it is returned to the state office.

For more information on this incentive, please contact:

Kim Proctor
NRCS Field Office
1617 N Lake Ave.
Storm Lake, IA 50588

712-732-3096
kimberly.proctor@ia.nacdn.net

The process is easy:

1. First come into the office or call Kim to talk about tile intake locations.
2. Discuss size of buffer you want. (60ft minimum, we will adjust for equipment)
3. Sign a maintenance agreement for five years.
4. Kim discusses projects with Commissioners for approval.
5. Receive your check from BWSWCD \$200/ac/yr.
6. Seed brome to agreed size around tile intakes.

If you remember, last November we mailed out a postcard inquiring about a tile intake buffer incentive. The questions included if you had intakes, how many, and would you be interested in a program? Based on your responses, we applied for a grant called Watershed Improvement Review Board, and were awarded \$19,000 for buffering intakes.

We also asked how much money per acre would you require to utilize a buffer incentive? Most of you responded with \$200.00 per acre. We listened and that is exactly what we are offering.

An intake buffer 200ft x 200ft is .92 acres.
.92acres x \$200.00 x 5 years= \$920.00
The \$920.00 is payable upon approval of the maintenance agreement.

Earth Day 2006



A team of Alta 6th graders stop digging, watering, and mulching to pose for a picture. When asked what they thought of planting the trees, they all screamed "It's FUN!!"

Alta 6th Graders were invited to celebrate Earth Day 2006 by planting 240 trees and shrubs on the Turnquist riparian north of Alta. Each student was given a red rubrum maple to plant in their own back yards. The students played a trivia game about trees and Earth Day, and then competed in teams to plant the most trees correctly.

The riparian, which buffers Powell Creek, is a conservation practice the Turnquist family planted almost ten years ago. It consists of numerous rows of trees, shrubs, and grasses that buffer Powell Creek. Within the last few years a beaver has clear cut a 400 foot section of the riparian. There was a

need to replace these trees and shrubs to continue the wildlife and water quality benefits it provides to Storm Lake. With the help of the sponsors and the Alta 6th grade, the area will be back to high quality habitat.

The Turnquist family was awarded the Trees Forever Buffers and Beyond Award in 2005. Through this they have been awarded cost-share to replant trees, improve grasses, and complete needed maintenance on the trees. Kimberly Proctor, the Storm Lake Water Quality Coordinator, has helped organize the maintenance of the riparian and tree planting to improve the quality of the Turnquist riparian.

The students planted trees and shrubs:

Swamp White Oak, Amur Maple, Green Ash, Red Rubrum Maple, American Plum, Ninebark, Gray Dogwood, Nanking Cherry, Purple Lilac, Silky Dogwood, Nannyberry, Black Walnut, and Hackberry.

Sponsors of the Earth Day Event were:

Buena Vista Soil and Water Conservation District
Trees Forever
Watershed Improvement Review Board grant
Mulch donated by: Jerry's Tree Service, Storm Lake
Drinks donated by: Hardee's, Storm Lake



Big thank you to the Turnquist Family for letting us hold our Earth Day Event at their riparian, and the 6th graders from Alta for their enthusiasm and hard work!!

Kimberly Proctor
BWSWCD
1617 N Lake Ave.
Storm Lake, IA 50588

EDUCATION AT A NEW LOCATION

Nokomis 25 on the north side of Hwy 7
West of the Lake Creek Golf Course Community



While driving Hwy 7 between Alta and Storm Lake, you may see soil moving. Not by a field cultivator, but an excavator.

Late last year, Roger came into the office looking for something to do in memory of his parents, the late Esther and Alfred Peterson. Roger was very interested in wetlands and prairie, and had a lot of ideas on what his family would like.

Roger and I began brainstorming, and out of it came the idea to create an outdoor classroom for the BWSWCD education program, and the Alta, Storm Lake, and St. Mary's schools to utilize. The Peterson family will be constructing two 1 acre wetlands on a 10 acre pasture to be used for education in the watershed.

I developed a plan for the Peterson family to review that included a pair of wetlands, surrounded by native prairie, trails, benches, a foot bridge (trust me you can't get across the creek without one). In addition, there will be educational signs and displays to teach the students and other visitors about the Storm Lake watershed, wetlands, and native prairie.

The outdoor classroom will also be open to the community to learn about and love wetlands. The message we want to show visitors is how beneficial wetlands are to the water quality of Storm Lake.