



Directions

OR Outreach

1997-1998

ecosystem enhancement nat. area

envirocorps volunteer & student identify native
plants along Tyeon Creek



Oregon **OUTREACH**

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April 22, 1998

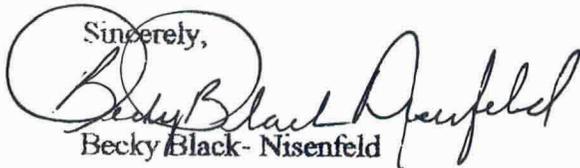
Lynn Wilson
Metro Regional Parks & Greenspace
600 NE Grand Ave.
Portland, Oregon 97232-2736

Dear Ms. Wilson:

I am submitting the information we have on hand related to the Tyron Creek Project. As I told you in our previous phone conversations, our staff person in charge of the project relocated and we are left without all the necessary documentation. As our payment of \$500.00 is due, I'm sending what I have. If this isn't sufficient please let me know.

Thanks for your patience.

Sincerely,


Becky Black-Nisenfeld

Greenspaces Environmental Education Project: Final Report Submitted by Oregon Outreach, Inc.

The study site was a lot with a house and pasture that once contained horses. There was a stream running through the lot, that was the beginning of Tryon creek. The banks of the stream had limited vegetation and the water was of lower quality due to two factors; 1) The stream bank was not shaded, the water temperature was higher and the oxygen content lower. 2) The lack of shading and plant cover also contributed to more of the soil from the bank washing into the stream, increasing turbidity.

The first couple of trips to the site were spent documenting the vegetation that was present. There was a lot of English Ivy that was introduced that was adversely affecting the trees. There were also other non-native plants.

Slips of trees were planted in the area to encourage the shade necessary to increasing the water quality of the stream. Students weeded around the tree slips and took mulch in the form of hay and made a protective layer around the trees to discourage weeds and give the trees a better chance to grow. Two different types of mulch were used and we were going to compare the effectiveness.

Maps of three different plots were charted with the major vegetation being plotted to show what vegetation was initially present at the site.

The culminating project was planting of many native species of plants that grew well in swampy areas, but were not present in this area. The students planted many flats of donated plants to help keep down erosion and provide wildlife with a more suitable habitat.

The only part I would change is that we identified plants and animal two different times, once was sufficient. I think that the students and land would have benefitted more from an "English Ivy" removal party.

To: Lynn Wilson

From: Tom Piowaty

Re: Changes to Metro project

I need to inform you of some changes to our project. We have not been able to work with Tualatin Valley Community Access as originally planned. They have made some changes and cannot work with our students during morning hours.

We have also decided not to participate at the site in Gladstone as we are informed by EnviroCorps that there is a problem with that site and students cannot work.

I met with Eann Rains and Liz Callison yesterday to make some changes to our restoration component at Tryon Creek. Please consider this new schedule:

We will focus on a study area along a section of creek.

April 8 We will map out a designated study area and take a plant inventory.

April 9 After plotting out 3 study areas (15' X 15'), remove invasive species and compare three methods of removing plant material.

April 23 Re-inventory our study areas. Chart any new growth.

We will have a discussion of plant habitats and growing conditions. Each student will be assigned a plant and will give a presentation on its habitat and how to identify that plant.

After we have finished our work in the study area, we will then focus on the entire creekside.

April 24 Removal of invasive plant material from rest of creekside.

May 23 Planting native species

May 28 Planting native species

Sept. Follow-up study by students in next year's class.

The Plant Salvage part has also been rescheduled.

The proposed dates:

April 18

April 25

May 9

May 16