

Summary of Products Developed for the Water Center's Department of Ecology GROSS Grant - Connecting Schools and Families to Healthy Stormwater Actions

Anticipated Deliverables Listed in Nikki's February 6, 2015 Email

- Task 2
- Final draft of the investigations (site assessment, photopoints, riparian veg, soil compaction, water quality received)
 - Evaluation plan of the investigations (what worked, what didn't, how to improve, affect behavior)
- Task 3
- K-12 summary (elementary and middle received)
 - Educators kickoff presentation
- Task 4
- Training documents for educators doing the investigations
 - Outcomes report for investigations (based on evaluation plan, task 2 above)
 - Congress presentation examples and outcomes report
- Task 5
- Toolkits (4 final projects)
 - List of locations for toolkit installations (materials list received)
 - Summary report of toolkit installations
- Task 6
- Festival summary report
 - Evaluation report for improvements
- Task 7
- List of host websites for the grant resources (any local schools, conservation district, LCEP, etc)
 - Presentations from any conferences or other venues.

Products Posted on City's Website - Organized for Dissemination - with brief descriptions of each section

Connecting Schools and Families to Healthy Stormwater Actions Organization for this web content is detailed below (see note)
<http://www.cityofvancouver.us/publicworks/page/connecting-schools-and-families-healthy-stormwater-actions>

Description of the project along with links to more detailed background, webpages, etc. for additional information

Participating Schools and Hands-On Project Locations

Embedded google map provides locations and names of participating schools and toolkit projects during 2014-2015 school year

Hands-On Project Toolkits

PDF of Final Report by Clark Conservation District Intro, Project details and photos, 4 toolkits (Appendix A)
 PDF of Powerpoint on LaCenter High School Project [\(Appendix B\) - also link to Tukes Valley article](#)

Hands-On Project Sites

360° photos of the six project sites

Field Investigations Overview and Evaluation

Link to PDF of Word Document

Introduction, Guidelines, Investigations List, Implementation, Evaluation of Investigations, Summary of 2014 Watershed Congress

Individual Investigation Documents - each of these is a linked PDF of 5-6 pages in length (note that Land-based/Water-based terms are updated)

Site Survey

- Initial Site Assessment and Observations
- Photo-point Monitoring

Water Quality

- Temperature, pH and Dissolved Oxygen
- Nitrate and Phosphate

Plant

- Turbidity and Stream Measurements
- Riparian Zone Vegetation Survey

Soil

- Riparian Zone Tree Survey
- Soil Cores: Color, Texture & Moisture
- Soil Temperature, Moisture and pH
- Soil Permeability
- Erosion Sources and Soil Compaction

Alignment of Investigations to Washington State Learning Standards

single spreadsheet PDF (3 pages) of Introduction, and matrix for Elementary & matrix for Middle School

Watershed Family Science Festivals

PDF of Word Document summarizing 3 Festivals (photos, flyers, etc)

Evaluation of each Festival along with tips/what we learned

Communication about the Project

Presentation for NAME Conference (Also used for Oct 2014 Teacher Kick-off)

Add Future presentations to list as they are scheduled

Link to Department of Ecology website content related to the project (to be added)

Final Grant Report (2 page summary using Ecology format)

Invitation for those interested in learning more to contact us or arrange for a presentation

Files

Key PDFs linked above will be also included here for those wanting to get right to a document

Note:

In organizing project deliverables for posting on the City's website the focus has been on making the materials accesible and directly usable by other communities and educators in the State of Washington, and beyond, who will want to review and adapt the materials that have been developed. This chart details how the requirements of the scope of work (summarized in 2/6/15 email) on the left hand column match-up with the organization that has been used for the website, shown in the right hand column. The website has been updated as of April 28th. We are having an internal review of the contents that have been posted and there may be some modifications following that last look. If the Department of Ecology notices any need for adjustment in the information that is posted, we may be able to make some changes at the same time as final changes are implemented. The page will be linked to other Water Center webpages once all content is finalized.