Appendix A
Project Plan

IES 2018 Greenbelt Restoration and Environmental Education Network (GREEN) Project Plan

Created by Patti Venneman, 10/17/17

Team Member	Project Objectives and Scheduling	Oct. 2017	Nov. 2017	Dec. 2017	Jan. 2018	Feb. 2018	Mar. 2018	April. 2019	May. 2018	Jun. 2018	Jul. 2018	Aug. 2018	Sept. 2018	Oct. 2018
Project Documentation														
Patti	1. Create Project Plan													
John	2. Create Project Prospectus													
	3. Create Project Volunteer Flier													
John	4. Create Project MOU													
Stakeholder Identification and Involvement														
Team	1. Meet with stakeholders to discuss participation													
	1st meetings with stakeholders													
	2nd meeting with stakeholders													
	3rd meeting with stakeholders													
	4th meeting with stakeholder (project evaluation meeting)													
Team	2. Evaluate stakeholder opinion													
Sponsor and Community Outreach/Reporting/Communication														
	1. Check with City of Wheat Ridge on Outside Agency Contribution													
	3. Determine proper sponsor acknowledgements													
	4. Business outreach campaign													
	Research business outreach													
	Contact targeted businesses													
	Follow-up to business outreach													
	5. Community outreach campaign													
	Research community outreach													
	Plan community outreach													
	Social media													
Plan and Implement Classroom Workshops														
Team	1. Initial Project Meeting with Kullerstrand													
Team	2. Draft workshop content													
Team	3. Gain approval for workshop content													
Jane	Review and approve workshop content													
Team	4. Plan 1st Workshop													
Team	5. Plan 2nd Workshop													
Team	6. Gain approval for all project dates													
Team	7. Implement 1st Workshop (*Date TBD*)													
Team	8. Implement 2nd Workshop (*Date TBD*)													
Team	9. Evaluate success of activities													
Plan and Implement Ecological Field Trip														
Team	1. Initial Meeting with Margaret Paget to discuss project													
Team	2. Meet with Margaret Paget to plan activities													
Sabrina	3. Draft planting plan													
Team	4. Seek approval for Planting Plan													
Margaret	Approve Planting Plan													
Sabrina	5. Finalize Planting Plan													
Team	6. Set field trip date and approve with Kullerstrand													
Team	7. Purchase needed materials for planting day													
Team/ Tree Stewa	8. Prepare planting site for planting day(s)													
Team	Purchase materials													
Team	9. Implement planting day(s) (*Date TBD*)													
Jane	Send IES list of parents and volunteers													
Team	10. Evaluate success of planting day(s)													
Tree Steward's Program														
	1. Plan Stewardship program													
John	2. Update Stewardship Manual													
	3. Plan TRAILS Watering Program													
	4. Recruit volunteers to enter program													
	5. Monitor maintenance of sites													
	6. Contact Sun Camp about summer watering (if needed or to add to TRAILS watering)													
	Plan Sun Camp Schedule (if needed)													
	7. Schedule and implement watering events													
	8. Evaluate Steward Program													
Evaluate Success of Project and Final Report														
	1. Bring together all evaluation metrics													
	2. Draft Final Report													
	3. Release final report for outside review from key stakeholders													
	4. Finalize Report													
	5. Distribute to stakeholders and donors													
Community Outreach														
Team	1. Social Media Campaign													
	2. Press release for program													
	3. Press release for Planting Day													
Jesse	4. Video of project													
	5. Press release for video													
	6. Press release for Final Report													
Next Steps														
	1. Lessons learned													
	Devlop monitoring plan													
	Gather monitoring data													
	Analyze and evaluate monitoring results													
	2. Future Wheat Ridge projects													
	Meet with WRPRD													

Last Revised: 10/22/17, PV

Patti Venneman, Tree Project Coordinator, patti@i4es.org

Appendix B
Workshop 1 Outline and Materials

March 19, 2018
GREEN Workshop 1 Outline

Instructions and Workshop Timing

Students will participate in a modular-based workshop on Monday, March 19. There will be two separate workshops, one for grade 4 through grade 6 and another for kindergarten through grade 3. The class will be divided into three groups after the introduction that will rotate through all three modules. Once all groups have completed all three modules, there will be a brief conclusion.

Workshop for Grades 4 through 6 (12:40 to 1:30 pm)

- Intro (5 min): 12:40 – 12:45 pm
- Round 1 of modules (13 min): 12:45 – 12:58 pm
- Round 2 of modules (13 min): 12:58 – 1:11 pm
- Round 3 of modules (13 min): 1:11 – 1:24 pm
- Conclusion (6 min): 1:24 – 1:30 pm

Workshop for Kindergarten through Grade 3 (1:40 to 2:30 pm)

- Intro (5 min): 1:40 – 1:45 pm
- Round 1 of modules (13 min): 1:45 – 1:58 pm
- Round 2 of modules (13 min): 1:58 – 2:11 pm
- Round 3 of modules (13 min): 2:11 – 2:24 pm
- Conclusion (6 min): 2:24 – 2:30 pm

Standards

Workshop for Grades 4 through 6

- 4th: Life Science 3 DOK 2-4
- 5th: Life Science 1 DOK 1-3
- 6th: Life Science 2 DOK 1-3

Workshop for Kindergarten through Grade 3

- K-1: Life Science DOK 1-2
- 2nd: Life Science DOK 1-3

Outline

Workshop for Grades 4 through 6

- Introduction (John)
  - Introduce team members.
  - Briefly outline format of workshop.
  - Ask students questions about what they remember from the site if they were part of the project last year.
  - Ask students what they already know about plants.
- Module 1: Safety (Patti)
  - Modeling: The instructor will show the tools, and let students pass them around if appropriate. Then, they will view a picture and identify the problem/safety rule violated.
  - The instructor will put the rule on a flip chart using a corresponding picture of the rule.
  - Teachers and/or IES staff will demonstrate how to use the tools.
  - Any extra rules the students think up will be added if applicable.
  - At the end of the module, they will review all safety rules by naming them from the pictures when the instructor points to them.
- Module 2: How to Plant (Kelly)

    - Model steps and conduct think-aloud.
    - Go through some of the main parts of a plant, including roots, leaves, and stem. Briefly discuss the function of each part while drawing on flip chart.
    - Plant in groups of three or four (one step per student) with Nanking cherry trees, along with planting containers and soil.
- Module 3: Nature Journaling (Susan)
    - Students will sit on floor in circle, and Susan will distribute journals and pencils. Students will write their name in their journal, while Susan discusses the importance of journaling.
    - Place colored pencils in middle of circle, and pass out artifacts.
    - Ask students to think about their artifact and respond in their journal: "I notice…", "I wonder…", "It reminds me of…"
    - Give students time to finish and collect journals.
- Clean-up and Conclusions (Sabrina)
    - Clean up modules.
    - Vote for t-shirts.
    - Ask if there are any questions.
    - Remind students about planting day in regards to attire, weather, and what to expect.

Workshop for K through Grade 3

- Introduction (John)
    - Introduce team members.
    - Briefly outline format of workshop.
    - Ask students questions about what they remember from the site if they were part of the project last year.
    - Ask students what they are excited about for the project.
- Module 1: Safety (Patti)
    - Modeling: The instructor will show the tools, and let students pass them around if appropriate. Then, they will view a picture and identify the problem/safety rule violated.
    - The instructor will put the rule on a flip chart using a corresponding picture of the rule.
    - Teachers and/or IES staff will demonstrate how to use the tools.
    - Any extra rules the students think up will be added if applicable.
    - At the end of the module, they will review all safety rules by naming them from the pictures when the instructor points to them.
- Module 2: How to Plant (Kelly)
    - Model steps and conduct think-aloud.
    - Ask students about what plants need to grow after modeling steps, and show on the plant itself where it will take in sunlight, water, and nutrients.
    - Plant in groups of three or four (one step per student) with Nanking cherry trees, along with planting containers and soil.
- Module 3: Nature Journaling (Susan)
    - Students will sit on floor in circle, and Susan will distribute journals and pencils. Students will write their name in their journal, while Susan discusses the importance of journaling.

    - Place colored pencils in middle of circle, and pass out artifacts.
    - Ask students to look at their artifact and think about what they see. Ask: What questions do you have about your piece of nature?
    - Help students create a response in their journal. This can be a tracing, drawing, rubbing, and/or written observations.
    - Give students time to finish and collect journals.
- Clean-up and Conclusions (Sabrina)
    - Clean up modules.
    - Vote for t-shirts.
    - Ask if there are any questions.
    - Remind students about planting day in regards to attire, weather, and what to expect.

Materials (for both workshops)

- Module 1: Safety (IES team will bring)
    - Shovels, trowels, bucket, rake, pitchfork, one wheelbarrow, gloves
- Module 2: How to Plant (IES team will bring)
    - Nanking cherry trees (8 total)
    - Planting containers
    - Tarp
    - Mulch
- Module 3: Nature Journaling (Susan will bring)
    - Nature artifacts: beaver skull replica, beaver-chewed wood, stuffed squirrel, stuffed wood duck, fake crow, bones, feathers, fake scat/tracks, seeds, pine cones, and flowers (enough items for each student to have one artifact to work with)
    - Journals with blank pages
    - Pencils
    - Colored pencils
    - Pencil sharpeners
- Conclusion (IES team will bring)
    - Post-it notes
    - Pictures of t-shirt options

Kelly O'Toole, Graduate Intern
kelly@i4es.org

March 13, 2018
Draft GREEN Workshop One Tools and Safety Talking Points

Materials
Tools
Four photos about appropriate footwear
Four photos about appropriate clothing
Four photos about the proper way to hold tools
Four photos about the proper way to store tools

Speaking notes

- Hi! Welcome to the Safety module! I am Ms. Venneman. During the next several minutes we are going to go over the tools you will be using for planting day, and how to use them safely.
- First of all let us go through the tools we will be using on planting day. (We will go through each tool, and I will show the kids how to correctly use them, and they will get to hold the tools.)
- Okay, now lets take a look as some pictures! Each set of pictures will have three wrong examples, and one will be a correct example.
    - The first set of photos will be appropriate and inappropriate footwear. So, you will tell me what is wrong with three of the photos and what is right about one of the photos. (Go over photos)
    - The second set of photos will be appropriate and inappropriate clothing. So you will tell me what is wrong with three of the photos and what is right about one of the photos. (Go over photos)
    - The third set of photos will be appropriate and inappropriate ways to hold tools. Two photos will be incorrect ways to hold tools, and two photos will be correct ways to hold tools. You will tell me what is wrong about the incorrect photos and what is right about the correct photos. (Go over photos)
    - Finally, the fourth set of photos are about storing tools. Three photos are incorrect ways to store tools, and one is the correct way to store tools. You will tell me what is wrong with the incorrect pictures, and what is right about the correct picture.
- Do you have any questions?

Draft
Patti Venneman
patti@i4es.org

March 13, 2018
Draft Speaking Notes: GREEN Workshop 1 – How to Plant

Materials

- Nanking cherry trees (one for each group and one for the demonstration)
- Planting containers
- Cups
- Tarps
- Mulch

Speaking Notes

- Hello, everyone! My name is Ms. O'Toole, and I am excited to show you how to plant. Today, we have cherry trees for you to plant together in your group.
- Plant Biology Question
    - *Older students:* Let's name the parts of this plant Great, what about another?
        - Some of the main parts of a plant include the roots, the stem, and the leaf. (Note: I will point to these areas on my plant for everyone to see.)
        - The roots bring it water and nutrients from the soil, which plants need just like us. What does each part of the plant do? The stem transports these things to the rest of the plant. The leaves make food for the plant by taking in sunlight, which is pretty neat since we humans can't make our own food! Every part of the plant helps keep the plant happy and healthy.
    - *Younger students:* What do plants need to grow and be healthy? Ok, what about another?
        - Plants need three main things to be happy and healthy: Sunlight, water, and nutrients.
        - Where does this plant take in sunlight? What about water and nutrients, what part of a plant takes in these things? (Note: I will point to these areas on my plant for everyone to see.)
- Great job, everyone! Now, I'm going to demonstrate how to plant your cherry tree step by step. After I go through each part of the planting process, it will be your turn to practice your planting skills. (Note: I demonstrate each of these steps while I conduct a think-aloud.)
    - First, I want to dig a hole for my plant. How big should the hole be? It should be deep enough to fit the roots from bottom to top, while adding a little bit of extra room for the roots on top of that. I should use my trowel to dig out a big enough hole.
    - Next, I am going to place the tree in the hole with the roots straight down, not spread out. I need to make sure the roots are not curled or bunched up. Why? So it can take in all the nutrients it can to make it big and strong.
    - Then, I am going to fill the hole with the loose soil left when I dug out the hole when I first started. I don't want any air pockets, so I am going to gently pat it down with my hands to settle the soil, just like this.
    - Next, I am going to take my mulch and place it around the tree, leaving a little bit of room around the trunk. This way, the mulch doesn't hurt the tree when the mulch starts to naturally break down over time. Why do we mulch? Mulch gives new trees a lot of great nutrients to help it grow.
    - Finally, I need to water my tree to give it the best new home possible! I'm going to make sure I don't give too much or too little water.

- Now it's your turn! We will do Step 1 first, which involves digging a hole. Each person will have the chance to complete a step, so don't worry if you are not the one to go first. There will be helpers walking around if you need any assistance, so don't be afraid to ask for help! Do not move on to the next step until I tell you to do so. (Note: Prompt students before each step to ensure that groups are at the same place. Have helpers assist groups in assigning a new person to each step.)
- Wow, your plants look wonderful! Great job, everyone. Be sure to remember these steps for planting day!

Kelly O'Toole
IES Graduate Intern
Kelly@i4es.org

Appendix C
Workshop 2 Outline and Materials

May 13, 2018
GREEN Workshop 2 Outline

Instructions and Workshop Timing
Students will participate in a modular-based workshop on Monday, May 14. There will be two separate workshops, one for grade 4 through grade 6 and another for kindergarten through grade 3. Similar to GREEN Workshop 1, the class will be divided into three groups after the introduction that will rotate through all three modules. Once all groups have completed all three modules, there will be a brief conclusion.

Workshop for Grades 4 through 6 (12:40 to 1:30 pm)

- Intro (5 min): 12:40 – 12:45 pm
- Round 1 of modules (13 min): 12:45 – 12:58 pm
- Round 2 of modules (13 min): 12:58 – 1:11 pm
- Round 3 of modules (14 min): 1:11 – 1:25 pm
- Conclusion (5 min): 1:25 – 1:30 pm

Workshop for Kindergarten through Grade 3 (1:40 to 2:30 pm)

- Intro (5 min): 1:40 – 1:45 pm
- Round 1 of modules (13 min): 1:45 – 1:58 pm
- Round 2 of modules (13 min): 1:58 – 2:11 pm
- Round 3 of modules (14 min): 2:11 – 2:25 pm
- Conclusion (5 min): 2:25 – 2:30 pm

Standards

Workshop for Grades 4 through 6

- 4th: Life Science 3 DOK 2-4
- 5th: Life Science 1 DOK 1-3
- 6th: Life Science 2 DOK 1-3

Workshop for Kindergarten through Grade 3

- K-1: Life Science DOK 1-2
- 2nd: Life Science DOK 1-3

Outline

Workshop for Grades 4 through 6

- Introduction (John)
    - Briefly outline format of workshop.
    - Ask students what they liked most about last month's planting days.
- Module 1: Thank You Notes (Kelly)
    - Ask older students if they remember what tree species they planted (*e.g.* peachleaf willow, choke cherry).
        - Present pictures of some trees they would have planted, emphasizing what they will look like in 5+ years after a few years of extra care from IES Tree Stewards.
    - Students can use these pictures to help them draw trees on four thank you cards, each to a 2018 GREEN Sponsor: City of Wheat Ridge Outside Agency Contribution Program, Patagonia Denver, the Community First Foundation, and Margaret Paget and the WRPRD team.
        - These four cards will include names and trees only from older students.

        - The general design outline and text will already be on the cards, and students will add drawings of trees to the inside of the card.
- Module 2: Journaling (Susan)
    - Susan will lead an activity building from previous journaling exercises while continuing to build a relationship with these students.
    - Journaling will focus on tree care and stewardship.
    - Susan will ask students to reflect on how they can be good stewards based on what they have learned during the workshops and planting days, especially after the nature walk during the first planting day.
- Module 3: Mapping (Sabrina)
    - Students will be presented with a base map of the Wheat Ridge Greenbelt from the Miller trailhead to the Kipling trailhead along with the surrounding major roadways. Each rotation will have a different map, with only one map per rotation that Sabrina will monitor.
    - Students will review cardinal directions and what a compass rose is on the map.
    - A legend will already be on the map, but the legend will not be filled out. Students will be prompted to locate certain landmarks (*e.g.* bridge, planting areas, willow staking) and pick colors for each of the landmarks and identify them on the map and legend.
    - Time permitting: A scale will be on the map for students to measure between important landmarks. Sabrina will ask students to find the distance between where they had their snack, where they planted trees, where they had their nature walk, and other locations. They will have rulers to help them make accurate measurements.
    - Students will review important components of maps that Sabrina discussed.
    - Sabrina will hand out WRPRD Greenbelt Maps as a thank you for all their hard work.
- Clean-up and Conclusions (Sabrina)
    - Clean up modules.
    - Ask if there are any questions.
    - Prompt students to thank their teachers and Mr. Johnson. Ask if they will visit their plants during the summer.
    - Have a round of applause for a job well done this season!

Workshop for K through Grade 3

- Introduction (John)
    - Briefly outline format of workshop.
    - Ask students what they liked most about last month's planting days.
- Module 1: Thank You Notes (Kelly)
    - Ask younger students how trees can look different from one another (*e.g.* they can be different sizes, some can have flowers while others have cones, different color leaves or bark).
    - Provide pictures of adult versions of the trees students planted at the planting days and ask students to find differences between the trees.
    - Students can use these pictures to help them draw trees on thank you cards if they want to, or they can be creative and make their own trees.

    - Students can use these pictures to help them draw trees on four thank you cards, each to a 2018 GREEN Sponsor: City of Wheat Ridge Outside Agency Contribution Program, Patagonia Denver, the Community First Foundation, and Margaret Paget and the WRPRD team.
        - These four cards will include names and trees only from younger students
        - The general design outline and text will already be on the cards, and students will add drawings of trees to the inside of the card.
- Module 2: Journaling Activity (Susan)
    - Susan will lead an activity building from previous journaling exercises while continuing to build a relationship with these students.
    - Journaling will focus on tree care and stewardship.
    - Susan will ask students to reflect on how they can be good stewards based on what they have learned during the workshops and planting days, especially after the nature walk.
- Module 3: Mapping Activity (Sabrina)
    - Students will be presented with a base map of the Wheat Ridge Greenbelt from the Miller trailhead to the Kipling trailhead along with the surrounding major roadways. Each rotation will have a different map, with only one map per rotation that Sabrina will monitor.
    - Students will review cardinal directions and what a compass rose is on the map.
    - A legend will already be on the map, but the legend will not be filled out. Students will be prompted to locate certain landmarks (*e.g.* bridge, planting areas, willow staking) and pick colors for each of the landmarks and identify them on the map and legend.
    - Students will review important components of maps that Sabrina discussed.
    - Sabrina will hand out WRPRD Greenbelt Maps as a thank you for all their hard work.
- Clean-up and Conclusions (Sabrina)
    - Clean up modules.
    - Ask if there are any questions.
    - Prompt students to thank their teachers, Jesse, and the rest of the IES team.
    - Have a round of applause for a job well done this season!

Materials

- Module 1
    - Premade thank you cards (8 total)
    - Crayons/colored pencils
    - Pictures of adult choke cherry, adult cottonwood, adult peachleaf willow, adult golden sumac, and other trees they planted during the planting days
- Module 2
    - Students' journals
    - Colored pencils
    - #2 pencils
- Module 3
    - Six 11x17 base maps of Greenbelt between the Miller and Kipling trailheads with empty box for legend and a scale

- Colored pencils
- Rulers
- WRPRD Greenbelt maps

Kelly O'Toole
IES Graduate Intern
kelly@i4es.org

May 7, 2018
Speaking Notes, 2018 GREEN Workshop 2 Mapping Module

Materials

- Six 11" x 17" maps of the Greenbelt with only a basemap, legend, and scale bar
- 1 pack of Markers and/or colored pencils
- 1-2 Rulers
- Wheat Ridge Greenbelt maps (30)

Outline

1. Today, we're going to work on mapping our project. Mapping is an important tool that we use to help others know where things are located. When we make a map, it's important to create a map that can be easily understood by others.
2. Here I have a map of the Wheat Ridge Greenbelt. It has the streets and creek identified. Here we have some areas in the Greenbelt that are fenced off. Do you remember seeing those areas when we were there? Your task is fill in the map with our planting sites and create a great map that shows where we did our project. The first step will be to figure out how to orient the map so that we identify which direction North is. Looking at the map and the identified items, which direction do you think is North? Does anyone know any tricks for figuring out where north, south, east, or west are? What clues can we use from the map and our time at the Greenbelt to figure that out? Once we figure out which way is North, let's draw a compass rose in the bottom corner as a reminder. The compass rose looks like a clock face with markings that show where north, south, east, and west are on the map. This tells everyone else looking at our map how to orient it properly.
    a. Have students talk through how to turn and orient the map
    b. Have one student draw in a compass rose. Provide clues on how to figure out the directions if students have trouble:
        i. Based on where we were in the Greenbelt, the creek will be north of the trail
        ii. Kipling is on the east side of the site
        iii. The mountains are always to the west. They can be used as a guide anywhere in Denver to help figure out direction.
        iv. The trail is south of the creek.
3. Now let's figure out some of the places we visited during our planting days. As we identify these areas, we'll take one color for each and mark and label them on the map, and note them in the Legend.
    a. Have students identify the following areas on the map. Mark them with separate colors and note them in the Legend:
        i. Drop-off locations
        ii. Planting areas for Day 1 and Day 2
        iii. Nature Walk path
        iv. Beaver damage/willow staking
        v. Main Tent
        vi. Bridge
        vii. Weeding areas from Day 2
4. *Older students, time permitting*: Now that we have the items on the map filled in, we're going to use the map to measure distances from the day. At the bottom of the map is a scale. The scale tells users what the relative distances are on the map. So for our map the scale is 1

inch equals 200 feet. Using the scale, we can estimate the distance between different items on the map.

Have students measure and estimate the distances between some key features, such as the planting areas, the drop-off locations and the planting areas, or the Kipling Trailhead and the planting areas.

5. Our map looks great. Now we have a way of knowing where things are in the Greenbelt, especially in terms of our project. I hope you understand maps a little better as well. (*Younger students*) Who can tell me some of the different parts of the map? *(Older students)* Who can tell me the importance of each component of the map? Compass? Legend? Scale?
6. As a thank you, the City of Wheat Ridge has provided some maps for you all to take home of the Greenbelt and hopefully you can use them to visit your planting sites and see some other places in the Greenbelt in the future.

Standards

Workshop for Grades 4 through 6

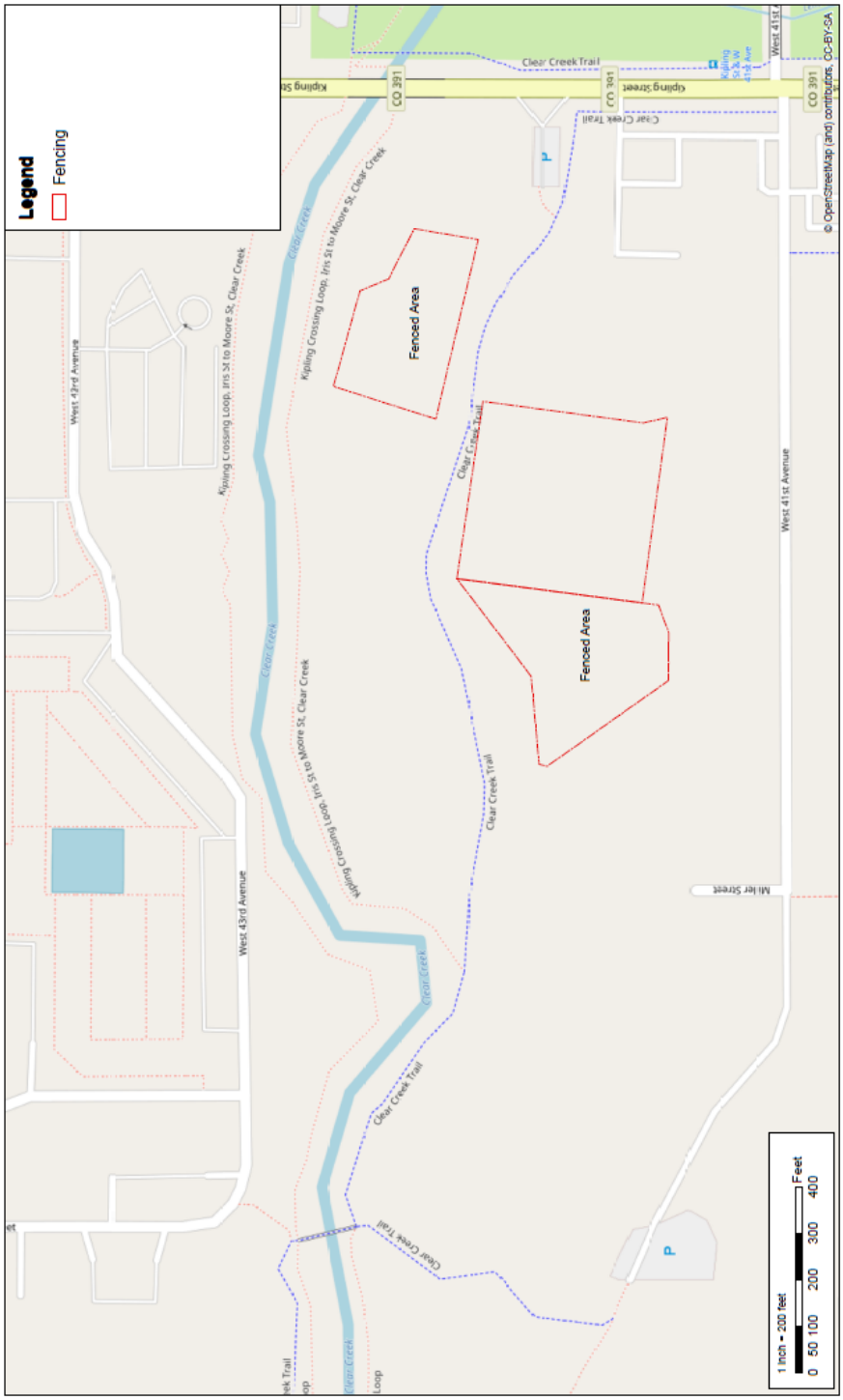
- 4th: Social Studies: Geography 1 DOK 1-2,
- 5th: Social Studies: Geography 1 DOK 1-3 (Mathematics 4 CCSS 5NF.3, 5NF. 5, 5 NF.6)
- 6th: Social Studies: Geography 1 DOK 1-3 (Mathematics 1 PFL CSS 6RFP.3d)

Workshop for Kindergarten through Grade 3

- K-1: Social Studies: Geography 1 DOK 1
- 2nd: Social Studies: Geography 1 DOK 1-2

Draft

Sabrina Kleinman, IES Tree Project Associate
sabrina@i4es.org


Legend
Fencing
Fenced Area
Fenced Area
Clear Creek Trail
Kipling Street
West 41st Avenue
West 43rd Avenue
Kipling Crossing Loop, Iris St to Moore St, Clear Creek
Clear Creek
Miller Street
CO 391
1 inch = 200 feet
0 50 100 200 300 400
Feet
© OpenStreetMap (and) contributors, CC-BY-SA

Appendix D
Steering Committee Meeting Agendas

Tree Project Steering Committee Meeting
Wednesday, December 6, 2017, 4 to 6 pm
Daniels Fund, 101 Monroe Street, Denver
Please park in the free parking lot provided. Enter on Madison Street just north of First Avenue.

AGENDA

Introductions

1. 2017-2018 Sheridan Quincy Trail Project update, spring planning — Patti Venneman
   2017 Fall events (workshops and planting)
   2018 Community space planning (design and spring events)

   Questions for Steering Committee:
   How can we keep the community space practical?
   Suggestions for what should or should not be included in the space
   Handouts: Community space ideas

2. 2018 Wheat Ridge GREEN Project — Sabrina Kleinman
   Project plan
   Planting plan
   Education workshops
   Future projects in the Wheat Ridge Greenbelt

   Questions for Steering Committee:
   Suggestions for the planting plan. Other native species we could include?
   How can we improve education modules for multi-year students?
   Suggestions for future projects
   Handouts: Planting plan map and planting palette

3. Tree Stewards — John Kelly
   Organization for spring
   New Tree Stewards Coordinator

   Questions for Steering Committee:
   How to improve our spring scheduling?
   Replacement Tree Stewards Coordinator
   Handouts: Tree Stewards' site responsibilities

4. Capstone Projects — Kate Brayton/John Kelly
   Improve educational outreach (Kate Brayton)
   Regis Environmental Biology Masters (Anna Marcel)
   Wheat Ridge Greenbelt
   UCD MURP Capstone projects (Hillary Seybold and Julia Dullien)
   SQT: investigate regulatory easement issues along the Quincy Trail and collaborate in planning the community space
   Wheat Ridge Greenbelt

Questions for Steering Committee:
Recommendations for classroom workshops
New educational strategies
Advice for Masters project students

5. Funding and Outreach — Kate Brayton
   Current grant applications and funding
   Potential new Steering Committee members
   2016-2017 project reports and videos

   Questions for Steering Committee
   New funding avenues for the project?

Tree Project Steering Committee Proposed Meeting Schedule
March 2018, *preferred day and time*

John Kelly, Tree Project Manager
john@i4es.org

Tree Project Steering Committee Meeting
Wednesday, April 25, 4:30 to 6:30 pm
Daniels Fund, 101 Monroe Street, Denver
Please park in the free parking lot provided. Enter on Madison Street just north of First Avenue.

AGENDA

Introductions

6. 2018 Sheridan Quincy Trail Project update, spring planning — Sabrina Kleinman
   Classroom Workshops
   Community Space Plan and spring event

   Questions for Steering Committee:
   What are some additional adjustments we could make to the space to match the overall design of the trail?
   What plants should we use in the planting?
   How should we get the students involved during the event?

   Handout: SQT Community Space Plan, Project Prospectus

7. 2018 Wheat Ridge GREEN Project — Kelly O'Toole
   Planting plan
   Planting days
   Education workshops
   Future projects in the Wheat Ridge Greenbelt

   Questions for Steering Committee:
   What new activities can we incorporate in future planting days?
   How can we create an interactive and age-appropriate mapping activity for Workshop 2 this spring?
   How can we continue to grow and strengthen our partnership with Wheat Ridge Parks and Recreation Department?
   How can we manage the day camp Tree Ambassador Program more efficiently?

   Handouts: GREEN Planting Plan, Project Prospectus

8. Tree Stewards — John Kelly
   Current Tree Stewards Programs
   Future Tree Stewards Planning

   Questions for Steering Committee:
   What is the best way for us to search for a Tree Stewards Coordinator?
   What suggestions do you have for outreach to find new Tree Stewards?

   Handouts: Tree Stewards Coordinator Job Description, Tree Stewards Flier

9. Funding and Outreach — Patti Venneman/Carol Lyons

Current and potential partnerships
Patagonia Action Works
Wild Animal Sanctuary Earth Day
Current grant applications and funding
Potential new Steering Committee members

Questions for Steering Committee
How can we improve outreach in Sheridan?
New funding for the project?

Tree Project Steering Committee Proposed Meeting Schedule
July-August 2018, *preferred day and time*

Carol Lyons, Carol@i4es.org
Draft, April 23, 2018

Tree Project Steering Committee Meeting
Wednesday, August 8, 4 to 6 pm
Daniels Fund, 101 Monroe Street, Denver
Please park in the free parking lot provided. Enter on Madison Street just north of First Avenue.

AGENDA

Introductions

1.	2017-2018 Wheat Ridge GREEN Project Stewardship Tree Ambassadors	Patti
2.	2017-2018 Sheridan Quincy Trail Project Community space Vandalism	Patti
3.	2018-2019 Sheridan Quincy Trail Project Community space plan for fall 2018 Trail entrance strategy	Sabrina
4.	2018-2019 Wheat Ridge Greenbelt Brainstorm for spring 2019 Planting areas Education program	Carrie
5.	Maintenance Programs and Funding Updates Dry sites challenges Three years? Tree Stewards Funding and Outreach *New funding for the project?* Current and potential partnerships Potential new Steering Committee members	John

Tree Project Steering Committee Proposed Meeting Schedule
November-December 2018, *preferred day and time*

Carol Lyons, Carol@i4es.org
Draft, July 26, 2018

Appendix E
Stakeholder Meeting Agendas

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

IES 2018 GREEN Project Meeting with Margaret Paget

First Planning Meeting
Tuesday, September 5, 2017, 10:00 am
Wheat Ridge Parks and Recreation
9110 West 44th Avenue, Wheat Ridge, CO 80033

Introductions

2017 GREEN Project Recap
- Summer maintenance review
- Fall maintenance schedule
- Project review and improvements

2018 GREEN Project Planning
- Potential improvements and revisions
- Spring planting plan
- Education workshops (teacher suggestions for improvement)
- Project timeline

Project Funding

John Kelly, IES Tree Project Manager, john@i4es.org

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

IES 2018 GREEN Project Meeting with Jane Reuteler

First Planning Meeting
Monday, September 25, 2017, 10:00 am
Kullerstrand Elementary School
12225 West 38th Avenue, Wheat Ridge, CO 80033

Introductions

2018 GREEN Project Planning
- Potential improvements and revisions
- Education workshops
  - Curriculum standards
  - Modules discussion
- Planting Events
  - Modules discussion
  - Logistics discussion
- Project timeline
  - Workshop dates
  - Planting dates
  - Next meeting

MOU Update

Project Funding

Action Items

John Kelly, IES Tree Project Manager, john@i4es.org

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

IES 2018 GREEN Project Meeting with Wheat Ridge Parks and Recreation Department

Planting Events Planning Meeting
Thursday, January 11, 2018, 9:00 am
Wheat Ridge Parks and Recreation
9110 West 44th Avenue, Wheat Ridge, CO 80033

Introductions

Planting Plan
- Design review and comments
- Finalize the plan
- Species type and numbers
- Ordering plants (who orders and pays for what)

Spring Planting Events
- Confirm dates
- Staging for planting events: students and activities
- Activities for students
  - Modules: Planting, ?, ?
- IES and WRPRD responsibilities

Classroom Workshops
- Confirm dates
- Workshop 1 modules
- Workshop 2 modules
- IES and WRPRD responsibilities

2018 National Fish and Wildlife Foundation Grant Application
- NFWF priorities: community stewardship of natural resources and enhancement of habitat for local wildlife, while addressing water quality issues such as erosion and stormwater runoff
- Potential projects

Action list
- Next meeting
- Action items

John Kelly, IES Tree Project Manager, john@i4es.org

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

IES 2018 Greenbelt Restoration and Environmental Education Network (GREEN)
Project Debrief Meeting
May 25, 2018
Kullerstrand Elementary School, 12225 West 38th Avenue, Wheat Ridge, CO 80033

2018 GREEN Debrief

Classroom workshops
    Activities evaluation
Planting days
    Activities evaluation
    Logistical evaluation
Recommended improvements
Suggestions for the project videos

Initial 2019 Project Planning

Kullerstrand and IES partnership
    Other potential partners
Calendar
Funding
Planning for fall meetings

John Kelly, IES Tree Project Manager, john@i4es.org
May 23, 2018

IES Wheat Ridge Greenbelt Restoration and Environmental Education Network
Tree Ambassador Debrief Meeting
September 17, 2018, 9 am
Wheat Ridge Recreation Center
4005 Kipling Street
Wheat Ridge, Colorado 80033

Program Debrief

Program Events Discussion
- Sun Camp site visits
- Tree measurement program
- Ceremony

Suggestions for Improvements

2019 Tree Ambassador Program

Initial Planning
- Site visits
- Measurement program
- Sun camp workshop

John Kelly, Tree Project Manager, john@i4es.org
September 13, 2018

Appendix F
2018 GREEN Project Prospectus

KULLERSTRAND GREEN www.i4es.org

Project Prospectus
Institute for Environmental Solutions

2018 Wheat Ridge Greenbelt Restoration and Environmental Education Network (GREEN)

GREEN Project Introduction

The Institute for Environmental Solutions (IES) 2018 Greenbelt Restoration and Environmental Education Network Project (GREEN) is the third year of an innovative program to enrich education for students, provide outdoor volunteer opportunities for children and community members, and improve the ecological health of the Greenbelt in Wheat Ridge, Colorado. Wheat Ridge elementary students will learn to plant and care for trees, and experience hands-on science in their community's open space. Wheat Ridge summer campers will care for the new plants through the summer and learn about the Greenbelt's ecology. The project will improve an important open space for the Wheat Ridge community through the planting and care of native trees and shrubs that will improve air quality, reduce water pollution, and preserve species diversity in a cherished open space area.

GREEN: Helping Kids, Helping Your Environment

The 2018 GREEN project's goal is to improve the Wheat Ridge community's health and environment through tree planting, environmental education, and volunteer support. IES will complete classroom and field workshops, host planting days with local students and community members, and implement a volunteer maintenance and care program with Wheat Ridge children and adults.

The 2018 GREEN project will accomplish the following objectives:

1. Forty students from Kullerstrand Elementary School will complete two classroom workshops with science lessons about Colorado's ecology and how to improve the Greenbelt, with the opportunity to socialize with their peers and community.

2. Students and community members will plant over 120 native trees and shrubs along a new trail section in the Wheat Ridge.

3. Thirty-five children from the Wheat Ridge Summer Sun Camp will care for the site and learn about their environment during summer 2018.

4. IES Tree Stewards will care for the site for two more years to ensure a plant survival rate over 70%.

5. IES will produce a project report and a project video to document the project and to distribute to all project stakeholders and volunteers.

IES projects succeed with the support of the local community. Thanks to grants from corporate and community foundations, and the support of the City of Wheat Ridge and Kullerstrand Elementary School, IES completed the first two years of the GREEN program. Kullerstrand Elementary School students completed workshops and planted over 300 shrubs and trees with the help of dedicated community volunteers in 2016 and 2017. Following planting, IES Tree Stewards and Wheat Ridge Summer Sun Campers cared for the planting sites by watering, weeding, and mulching. Kullerstrand Elementary School and Wheat Ridge Parks and Recreation Department staff members provide guidance on project materials and support the students and summer camp children.

GREEN: Children & Community Members Build a Better Wheat Ridge

GREEN provides exciting hands-on ecology science opportunities in the classroom and outdoors. IES will teach kindergarten through sixth grade students in Kullerstrand Elementary School's Teaching Responsibilities and Independence Through Learning Supports (TRAILS) Program about Colorado's ecology, how to plant, and the importance of environmental improvement projects. TRAILS students, who are often academically disadvantaged, will take two trips to the Greenbelt to see their classroom lessons come to life by planting native trees and shrubs. Students work in small groups, under the supervision of IES, Wheat Ridge Parks and Recreation, and community volunteers. Through this approach, students enjoy a connection to the project as they name the trees and shrubs they plant.

Children at the Wheat Ridge Summer Sun Camp become young naturalists when they visit the new planting site. The children water, mulch, and weed twice a week. Twice a month, under the guidance of the Wheat Ridge Environmental Interpreter, Susan Bennett, these kids will have exciting ecology lessons such as tree measuring and animal identification, while creating their own personalized Greenbelt handbook. The handbook will be a special reminder to each camper about their time in the Greenbelt, documenting their experience with drawings, leaf pressings, and scientific journal entries.

Wheat Ridge Greenbelt

The Wheat Ridge Greenbelt is a cherished 300-acre open space, owned and managed by the City of Wheat Ridge. The Greenbelt is used by thousands of community members throughout the year for recreation including hiking, biking, running, walking, picnicking, and birding.

Native Plants Used By IES	Invasive Species to Be Removed
Plains cottonwood	Siberian elm
Peachleaf willow	Russian olive
Thinleaf alder	Mullein
American plum	Scotch thistle
Wax and golden currant	
Threeleaf sumac	
Red osier dogwood	
Chokecherry	

The Wheat Ridge Parks and Recreation Department does not have the necessary funds to complete all the restoration that the Greenbelt needs. Many areas need canopy and habitat restoration, and stormwater management and erosion control along Clear Creek. Planting projects, like GREEN, increase the ecological health of the Greenbelt, which benefits the entire community through improved air and water quality.

GREEN will complete a three-year planting partnership to redevelop the new walking trail between the Kipling and Moore Street entrances of the Greenbelt. This new trail section was installed by Wheat Ridge Parks and Recreation Department in 2015. Many mature shrubs and trees had to be removed. IES developed a three-year planting program to revegetate the areas near the trail, which has resulted in the planting of nearly 400 native trees, shrubs, and flowers since the spring of 2016. 2018 GREEN will complete the trail planting and restoration, starting near the Moore Street entrance and continuing east along the trail to the 2016 planting site.

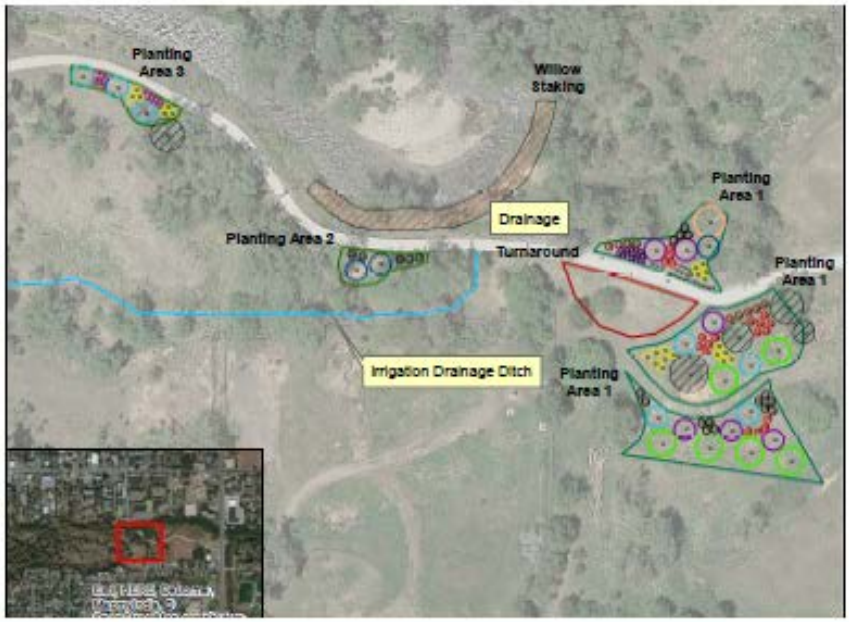
For more information, please visit the IES website at www.i4es.org to find final reports on the past two years of the GREEN project.

Be a GREEN Supporter

GREEN is supported through generous donations of funds, materials and time from the community. The project, from the classroom workshops to planting and maintenance, relies on dedicated volunteers and public institutions. Your support will help your environment and the next generation of environmental stewards. You can make a real difference by donating funds and by volunteering to support the field work.

You can make a tax-deductible donation with your credit card at www.givingfirst.org/i4es.org or via check to IES at:

Institute for Environmental Solutions, 761 Newport Street, Denver, CO 80220



Your Donation at Work

- $50 donation buys 5 trees.
- $100 donation helps produce and print workbooks for Wheat Ridge students.
- $200 donation buys 20 trees.
- $500 donation buys t-shirts for TRAILS students and planting-day volunteers.
- $1,000 donation buys 2 275-gallon water tanks to help volunteers water the planting site.

Institute for Environmental Solutions

Please visit the IES website at www.i4es.org. If you would like information about becoming a Tree Steward in the Wheat Ridge Greenbelt, please email us at solutions@i4es.org.

January 2018

Appendix G
2018 GREEN Memorandum of Understanding

October 3, 2017

IES 2018 Greenbelt Restoration and Environmental Education Network
Memorandum of Understanding

I. Introduction

A. Parties

- The Institute for Environmental Solutions (IES) (nonprofit corporation IRS section 501(c)(3))
- City of Wheat Ridge Parks and Recreation Department (WRPRD)
- Kullerstrand Elementary School

B. The project and the purpose

The purpose of the IES 2018 Greenbelt Restoration and Environmental Education Network (GREEN) project is to introduce at-risk, seriously emotionally disabled students in the Kullerstrand Teaching Responsibility and Independence with Learning Supports (TRAILS) program and general education partner students to the natural environment through hands-on science education, while providing environmental improvement to a cherished open space, the Wheat Ridge Greenbelt. TRAILS works with at-risk students to provide behavioral, emotional, social, and academic support. IES GREEN will use the Wheat Ridge Greenbelt as a tool to enrich the science curriculum and socialization for students through workshops, planting days, and related activities. Students will positively change the environment by planting native trees, shrubs, and grasses; removing invasive species; and improving the Greenbelt's ecosystem, native species habitat, and Clear Creek watershed. IES will work with Kullerstrand educators to create a replicable program to be used with TRAILS students during subsequent years. In spring 2018, the project will have two in-class workshops where the students will learn key concepts of ecology, how trees are a vital part of the ecosystem, and how to properly plant and care for trees. IES will partner with Kullerstrand Elementary School and WRPRD to develop and implement one or two planting days where students will plant approximately 20 native trees, and 100 shrubs and grasses. We will plan related outdoor activities for the students on planting day(s) where students will see how plants and animals interact, and what the trees and shrubs they planted look like when they reach maturity. The 2018 GREEN project will be the third year of providing TRAILS students with environmental education and socialization opportunities and of restoring a Greenbelt trail.

The conservation goals of the project are to improve riparian conditions of the Wheat Ridge Greenbelt along Clear Creek, and increase canopy and vegetation coverage through the planting of approximately 20 native trees and 100 native shrubs. Invasive species will be removed. A three-year maintenance plan will be implemented to improve the success rate of the trees and shrubs survival and decrease the opportunity for the growth of invasive species. IES will recruit and train local community Tree Stewards to help care for the newly planted trees and shrubs.

IES will produce a final project evaluation and video. With the help of Kullerstrand educators and WRPRD staff members, IES will critically evaluate the program and make suggestions for

improvements for the future. The program will be set up to be replicable so IES can use the program layout for future educational programs.

II. Provisions

A. Project Tasks

The tasks of the project include:
1. Engage stakeholders: IES will work with all stakeholders to implement the project.
2. Design a strategic planting plan.
3. Develop an education program to engage Kullerstrand TRAILS students: IES, with the help of Kullerstrand educators, will build a replicable program that engages students, teaches students about the local environment, and provides opportunities for meaningful socialization.
4. Implement an education program: Kullerstrand TRAILS will host educational workshops. IES and WRPRD, with the guidance of Kullerstrand educators, will teach students specific key concepts, provide hands-on training in tree planting and maintenance, and teach the importance of healthy canopy in riparian environments. Classroom workshops will consist of small group hands-on modules.
5. IES will organize and implement one or two tree-planting events for Kullerstrand Elementary School's TRAILS students and their general education classmates.
6. Recruit volunteers: IES will recruit, train, and organize volunteers to establish a Tree Stewards team. Kullerstrand Elementary and WRPRD will assist with the recruitment effort.
7. Evaluate and report: IES will evaluate and report on the environmental and educational benefits of the program and will prepare a final report and video.

B. Project Organization

IES is the project manager.

Wheat Ridge Parks and Recreation Department is the project host and primary project partner. WRPRD manages the Wheat Ridge Greenbelt and has final authority over activities in the Greenbelt.

Kullerstrand Elementary School is a primary project partner, host for students, and host for workshops.

C. Project Responsibilities

1. IES

Organize and manage the project. Obtain the necessary funding and in-kind contributions.
Design replicable classroom modular workshops that will focus on hands-on science education and provide meaningful social interaction for students.
Design strategic tree planting and three-year maintenance plans that identify strategies for long-term tree survival and improvement of the Wheat Ridge Greenbelt.
Recruit and train Tree Stewards from the Wheat Ridge community.
Track and report the project budget.
Send monthly in-kind tracking forms to WRPRD and Kullerstrand Elementary for reporting of hours worked and resources donated to the project.

Lead project evaluation.
Produce final report and project video.
Obtain supplies for the workshops and planting events.
Pay for trees and shrubs as needed.
Provide reports to funders as required.
Be sure that Tree Stewards understand proper protocol for interaction with students.

2. Wheat Ridge Parks and Recreation Department
Assist in site and planting day planning as a primary partner.
Obtain seedling trees and other plants.
Provide planting and invasive species removal supplies including soil, mulch, tools, beaver production cages, and water buckets.
Provide restroom access for planting event(s).
Assist in implementing strategies for long-term survival and three-year maintenance plan.
Assist IES with community outreach in Wheat Ridge.
Assist with fundraising.
Maintain in-kind records and return monthly record-keeping sheet to IES to comply with grant requirements.
Assist IES with the workshops providing education materials, and instructing students on proper tree planting techniques and safety for planting events.
Participate in stakeholder meetings.
Provide leaderships for Greenbelt activities for students at planting events.

3. Kullerstrand Elementary School
Review and approve classroom and planting day activities.
Provide adult supervision for all students during all IES project activities.
Kullerstrand staff members will be responsible for proper student and parent behavior, and student redirection at all events (classroom and Greenbelt).
Provide transportation and other arrangements for students to participate in planned events.
Assist IES with recruiting Tree Stewards.
Assist IES with community outreach in Wheat Ridge.
Assist IES with fundraising.
Maintain in-kind records and return monthly record-keeping sheet to IES to comply with grant requirements.
Assist IES with curriculum development.
Provide resources to help with education planning.
Organize and manage parent involvement.
Provide liaison with the Kullerstrand PTA and with Jefferson County Schools as needed.
Participate in project stakeholder meetings.

IES, WRPRD, and Kullerstrand Elementary School agree to collaborate to fulfill the commitments set forth in the project goals and objectives. Any disagreements will be discussed and resolved within the stakeholder team.

D. Other Participants and Partners

IES has secured funds from the Wheat Ridge Outside Agency and Jefferson County Community First Foundation, and has wrote multiple grant applications for the project. Additional funding is

needed. IES will work with project partners to raise necessary funds and meet the in-kind contribution obligation.

III. Project Timeline

September and October 2017: Stakeholder meetings to approve initial project planning outline.
January 2018: Prepare educational program and planting program.
March 2018: Workshop One
April and May 2018: Planting days
April and May 2018: Rain dates
May 2018: Workshop Two
August 2018: Final report and video
May 2018 through May 2021: Maintenance program

IV. Agreement

The following parties as evidenced by the signatures below agree to the project described above. IES, Wheat Ridge Parks and Recreation, and Kullerstrand Elementary School agree and look forward to implementing the 2018 IES *Greenbelt Restoration and Environmental Education Network* project according to this Memorandum. We agree to work together to resolve challenges if they arise, and communicate openly and frankly about shared goals and progress.

Signatures

Institute for Environmental Solutions:

Carol E. Lyons

Carol E. Lyons, Executive Director

10-6-17

Date

Wheat Ridge Parks and Recreation:

Margaret Paget

Margaret Paget, Forestry and Open Space Supervisor

10/9/17

Date

Date

Kullerstrand Elementary School:

Cheryl Clay

Cheryl Clay, Principal

10/10/17

Date

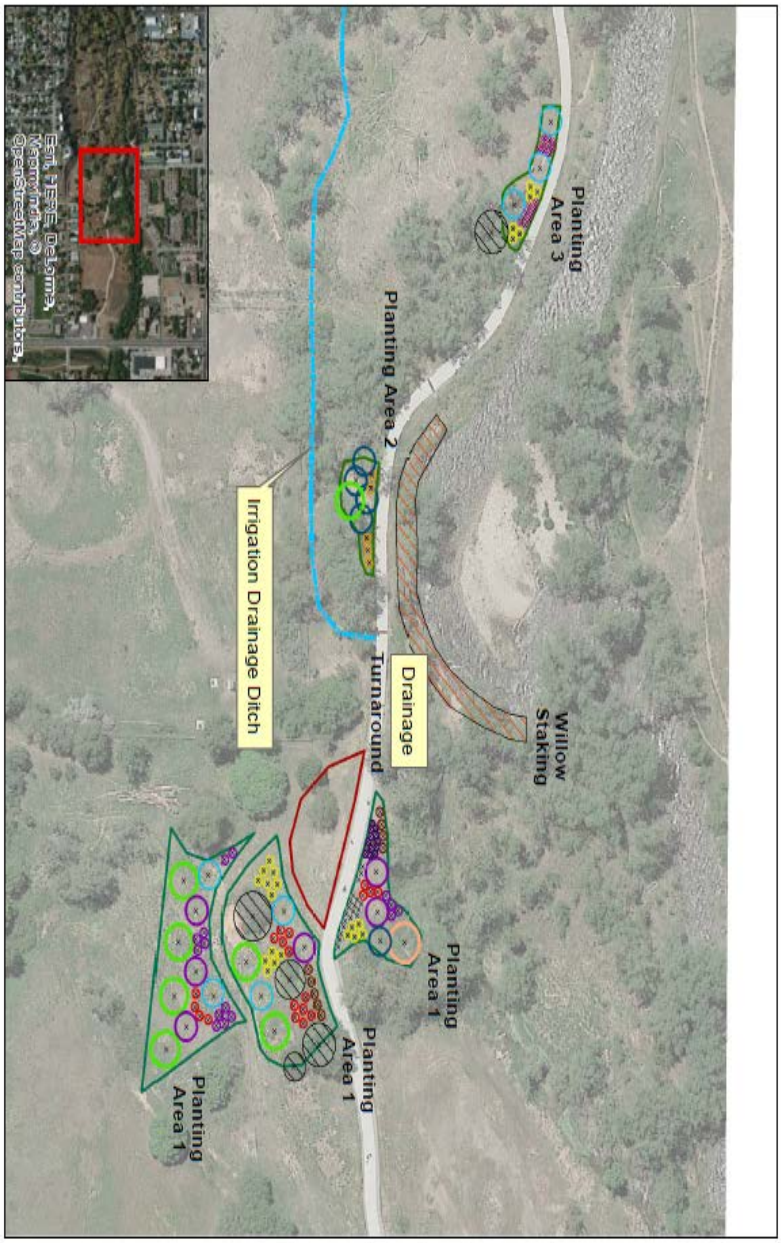
Jane Reuteler

Jane Reuteler, Kullerstrand Elementary School Psychologist

10/9/2017

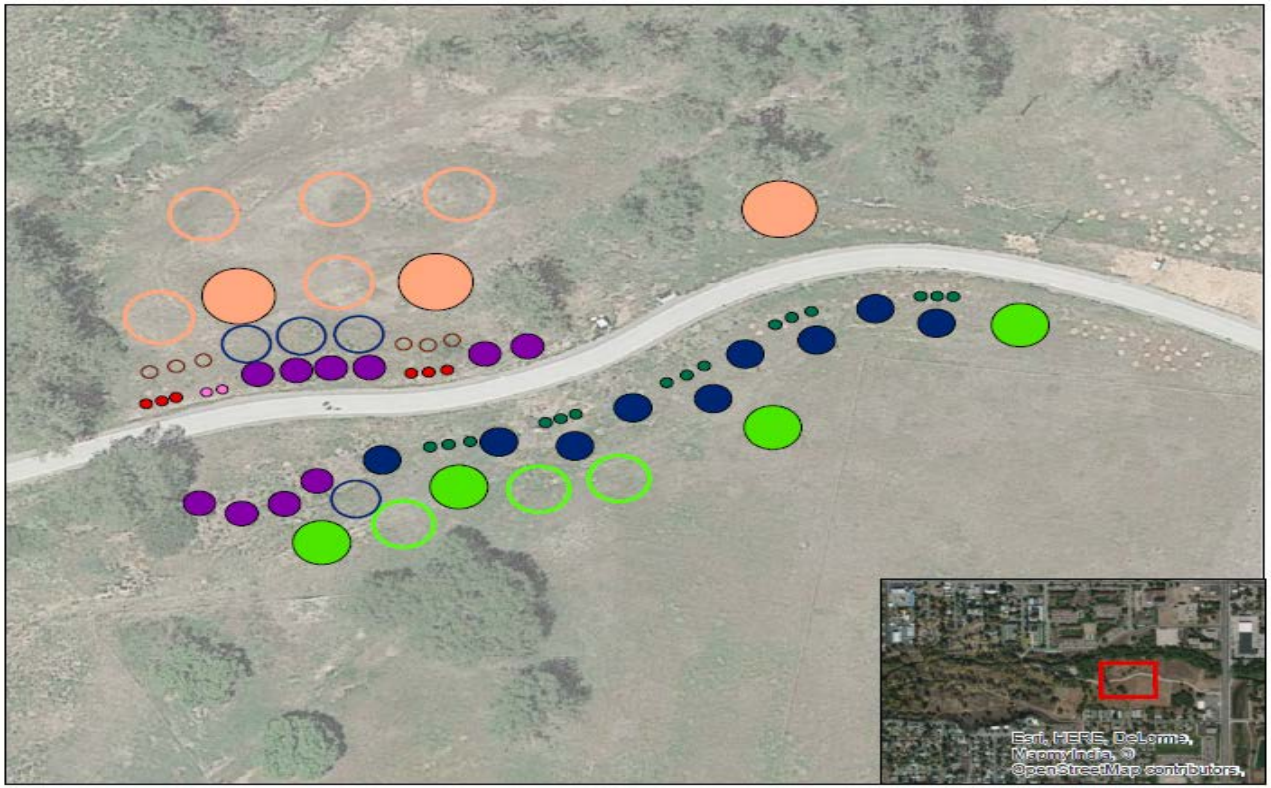
Date

Appendix H
2018 GREEN Planting Plan



2018 Wheat Ridge GREEN Final Planting Plan - New Planting

Institute for Environmental Solutions
IES Tree Project
Draft
Sabrina Kleinman, sabrina@i4es.org
May 14, 2018



Legend

Backplanting

- Peachleaf Willow (3)
- Plains Cottonwood (5)
- Red-osier Dogwood (6)
- Thinleaf Alder (4)

2016 Plantings

- American Plum (10)
- Peachleaf Willow (4)
- Plains Cottonwood (3)
- Red-osier Dogwood (15)
- Thinleaf Alder (9)
- Wax Currant (6)
- Wood's Rose (2)

BACKPLANTING COUNTS
Large Trees - 8
Small Trees - 10

TOTAL PLANTS - 18

2018 Wheat Ridge GREEN Final Planting Plan - Backplanting

Institute for Environmental Solutions
IES Tree Project
Draft
Sabrina Kleinman, sabrina@i4es.org
May 14, 2018

Appendix I
2018 MURP Planting Plan

Large Tree Legend

Botanical Name	Plant Symbol	Common Name	Qty.	Moisture & Sun	Height	Spread
Salix amygdaloides	SA	Peachleaf Willow	6	Med. Wet Full Sun	37 - 56 ft	37 ft

Small Tree + Large Shrub Legend

Botanical Name	Plant Symbol	Common Name	Qty.	Moisture & Sun	Height	Spread
Prunus americana	PA	American Plum	10	Med. Wet Dry/Part Shade	9 - 15 ft	9 ft
Alnus incana	AI	Thinleaf Alder	12	Med. Wet Dry/Part Shade	18 - 24 ft	12 ft

Shrub Legend

Botanical Name	Plant Symbol	Common Name	Qty.	Moisture & Sun	Height	Spread
Rhus aromata	RC	Mok Cherry	78	Med. Dry Dry/Part Shade	3 - 4 ft	4 ft
Cornus sericea	CS	Red - Osier Dogwood	42	Med. Wet Dry/Part Shade	5 - 8 ft	5 ft
Ribes aureum	RA	Golden Currant	7	Med. Dry maintained Dry/Part Shade	4 - 5 ft	5 ft

Perennial Legend

Botanical Name	Plant Symbol	Common Name	Qty.	Moisture & Sun	Height	Spread
Coleonema hybrid	CI	Purple Foppy Mallow	20	Med. Dry Dry/Part Shade	0.5 - 1 ft	N/F

Grass Mix

Botanical Name	Plant Symbol	Common Name	Qty.	Moisture & Sun	Height	Spread
Andropogon gerardii		Big Bluestem Grass	Mix	Med. Dry Dry/Part Shade	2 - 7 ft	N/A
Bouteloua gracilis		Blue Grama Grass	Mix	Dry Dry/Part Shade	2 - 4 ft	N/A

IES GROWING THE GREENBELT

Wheat Ridge, Colorado

Phase III Planting Plan

200 ft.

May 1 2016

Source: Google Earth
Colorado State University Extension

Appendix J
Nature Journaling Photos

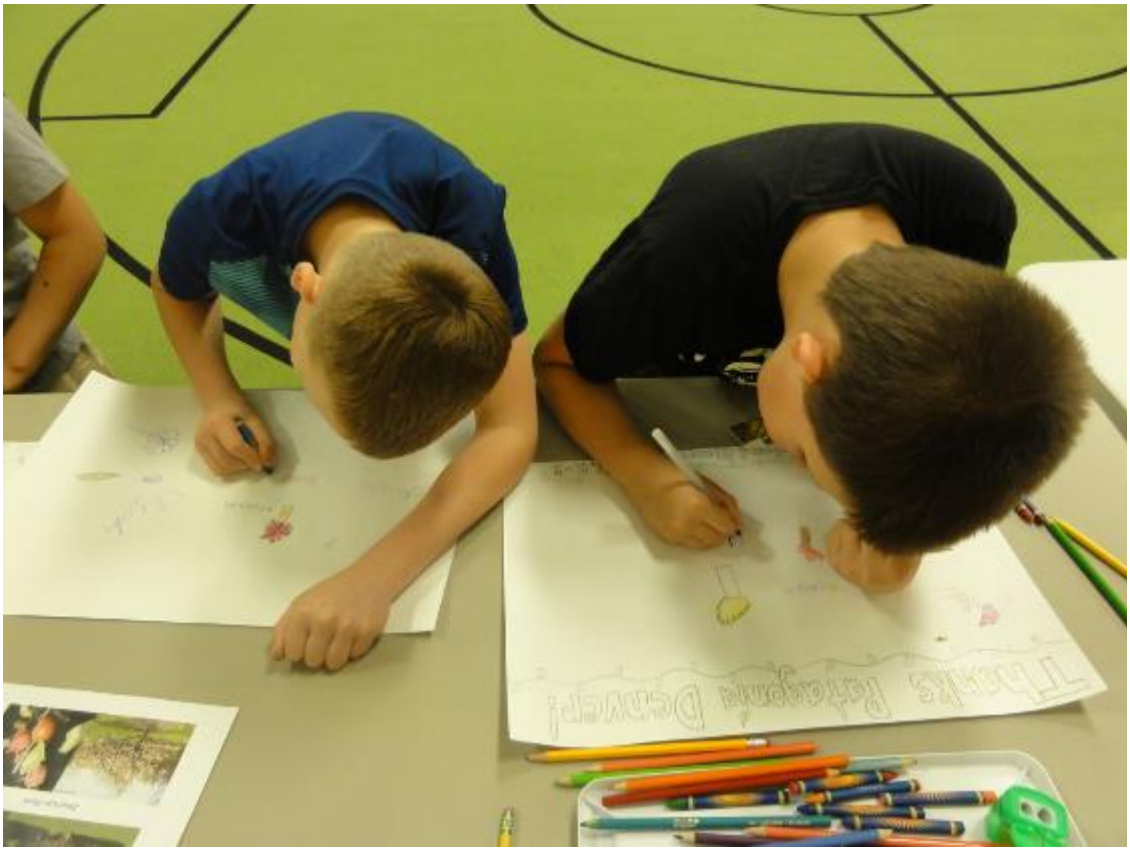
Appendix K
Workshop One Tools and Safety Photos

Orgo!

Appendix L
Workshop 1 Photos

CURRENT MOOD

Appendix M
Workshop 2 Photos



Nature Journal

Appendix N
Planting Day 1 Photos

Scientific solutions for a better environment

Scientific solutions for a better environment

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

Scientific solutions for a better environment

Appendix O
Planting Day Two Photos

Cabela's

Scientific solutions for a better environment

Scientific solutions for a better environment

Appendix P
Tree Ambassador Watering Schedule

2018 IES GREEN Tree Ambassador Program

Watering Schedule

Date	IES Team Member 1	IES Team Member 2	Additional volunteer	Susan Bennett Availability	Betty Jo Page Availability	Events
5-Jun	John	Sabrina			Yes	
8-Jun	Sabrina	Patti				
12-Jun	John				Yes	
15-Jun	John	Sabrina			Yes	
19-Jun	John	Patti		Yes	Yes	Measurement Day
22-Jun	Carol				Yes	Measurement Day (rescheduled)
26-Jun	John				Yes	
29-Jun	Carol	Patti			Yes	
3-Jul	Sabrina	Patti			Yes	
6-Jul	Carol		Kathy Thaxton		Yes	
10-Jul	John	Patti	Kathy Thaxton	Yes	Yes	Measurement Day
13-Jul	John	Carrie				
17-Jul	John	Patti		Yes		
20-Jul	John					
24-Jul	John	Patti		Yes	Yes	
27-Jul	John				Yes	
31-Jul	John	Patti			Yes	
3-Aug	John	Patti				Tree Ambassador Ceremony
7-Aug	John	Patti		Yes		Measurement Day
10-Aug	John	Sabrina				Back-up Tree Ambassador Ceremony
14-Aug	John				Yes	

Created 5/14/18 by John Kelly, Tree Project Manager

Last updated: 7/2/18 JK

Appendix Q
Tree Ambassador Photos

Scientific solutions for a better environment

INSTITUTE FOR ENVIRONMENTAL SOLUTIONS

Scientific solutions for a better environment