SNOQUALMIE WATERSHED FORUM

COOPERATIVE WATERSHED MANAGEMENT GRANT AWARDS IN 2017

Presented to the Snohomish Watershed Forum
by
Elissa Ostergaard, Salmon Recovery Manager, Snoqualmie Watershed Forum
October 5, 2017
2017 King County Flood District Cooperative Watershed Management (CWM) Grant Allocation

KC Flood District CWM Grant Awards to King County WRIAs
$4.39 M

Snoqualmie Forum
$872,286

WRIA 8
$1.64 M

WRIA 9
$1.64 M

WRIA 10
$226,100
2017 CWM Grant Funding

CWM Funding Available $ 872,286
Total Grant Requests -$ 1,346,908
2017 Grant Shortfall ($474,622)

• 19 applications submitted by 14 project sponsors
2017 CWM Grant Process

- Pre-Applications Submitted – February
- Project Review Committee reviewed
- Final Applications – March 28
- Project Presentations – April 20
- Project Review Committee Meeting – May 1
- Forum Allocation Decision – May 17
- Approved by KC Flood Control District Executive Committee – August 21, 2017
Project Ranking

Project Review Committee:
- Tulalip and Snoqualmie Tribes
- Cities of North Bend, Carnation, Snoqualmie
- King County
- Snoqualmie Watershed Forum staff

Ranking Criteria
1. Benefit to Salmon and Watershed Health
   - High priority habitat & watershed process efforts
   - Actions in salmon, water quality, protection and flood plans
   - Benefits to ESA-listed species
   - Reasonable costs

2. Certainty of Success
**Snoqualmie/South Fork Skykomish Watersheds**

2017 Cooperative Watershed Management (CWM) Grant Proposals: Snoqualmie Watershed Forum's Project Review Committee Preliminary Ranking

1. 2018 Snoqualmie Project Assistance
2. Tulalip Tribes Snoqualmie Juvenile Screw Trap
3. Cherry Creek Phase I
4. Upper Carlson Fish Monitoring
5. Griffin Creek Riparian Restoration
6. Wallace Acres
7. Fall City Farms
8. Baring North Acquisition
9. South Fork Skykomish Riparian Health
10. Snoqualmie Valley Watershed Education
11. North Fork Cherry Creek
12. Using Nuisance Beaver to Restore Salmon Habitat
13. Meadowbrook Farm Forest
14. Cherry Creek Phase II/III Permits
15. Middle Fork Snoqualmie Temperature Study
16. Tolst River Survey and Riparian Restoration Phase II
17. Snoqualmie Springs Farm
18. Snoqualmie Riverbank Habitat Restoration
19. Snoqualmie Knotweed
20. Three Forks Natural Area

*These proposals involve multiple sites or watershed-wide actions so they are not shown on this map.*
GRANT AWARD HIGHLIGHTS

Capital Projects
3) Cherry Creek Phase I

Sponsored by Sound Salmon Solutions

Grant Award: $75,000

Leveraged Funds: $30,000
KEY PROJECT ELEMENTS

• Soil unusable for a farm pad and need to find disposal site
  • Cost increase due to hauling costs
7) Fall City Farms

Sponsored by Snoqualmie Indian Tribe

Grant Award: $81,157

Leveraged Funds: $39,417
KEY PROJECT ELEMENTS

• Restore 14 acres of floodplain riparian habitat
8) Baring North Acquisition

Sponsored by Forterra
Grant Award: $75,000*
Leveraged Funds: $477,294

*partial funding
KEY PROJECT ELEMENTS

- Acquisition for 26 acres of high quality salmon habitat along the South Fork Skykomish
9) South Fork Skykomish Riparian Health

Sponsored by King County Noxious Weeds
Grant Award: $70,000
Leveraged Funds: $38,031
KEY PROJECT ELEMENTS

- Include 3.7 acres of previously untreated knotweed
- Continue to survey and control knotweed in the previously treated 22.5 miles
- Plant 1,000 native plants along 5,000 feet of shoreline
12) Using Nuisance Beaver to Restore Salmon Habitat

Sponsored by Tulalip Tribes

Grant Award: $64,512

Leveraged Funds: $63,634
KEY PROJECT ELEMENTS

• Trap 5-10 nuisance beaver families from the Snoqualmie lowland areas and relocate them to headwaters
• Improve instream salmon habitat and hydrologic connections in US Forest Service lands
GRANT AWARD HIGHLIGHTS

Monitoring Projects
2) Snoqualmie River Juvenile Salmon Outmigration Monitoring

Sponsored by Tulalip Tribes

Grant Award: $60,000

Leveraged Funds: $48,002
KEY PROJECT ELEMENTS

- Provides ongoing status, trends and abundance monitoring needed to support run forecasting, and is a quintessential indicator of successful salmon recovery monitoring in the Snohomish Basin.
4) Upper Carlson Fish Monitoring

Sponsored by King County ERES
Grant Award: $28,431
Leveraged Funds: $-
KEY PROJECT ELEMENTS

- Monitor fish density in edge habitats in and around the Carlson levy project
- Estimate changes in habitat capacity as a result of this restoration effort
GRANT AWARD HIGHLIGHTS

Education and Outreach
10) Snoqualmie Valley Watershed Education

Sponsored by NatureVision

Grant Award: $17,354

Leveraged Funds: $5,745
KEY PROJECT ELEMENTS

- Education, field trips and small scale restoration projects to 13 classes in the Snoqualmie Valley School district
Questions?
2017 Project Review Committee
Committee Membership

• Matt Baerwalde—Snoqualmie Tribe
• Nicole Sanders—City of Snoqualmie
• Tim Woolett – City of Carnation
• Jamie Burrell – City of North Bend
• Colin Wahl—Tulalip Tribes
• Josh Kubo – King County
• Perry Falcone – Snoqualmie Forum Staff
Ranking Criteria

Certainty of Success

- Appropriate project goals and approach
- Correct project sequence
- Time sensitive project
- Stewardship elements
- Landowner involvement
- Community support
- Qualified implementation organization
<table>
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<tr>
<th>Priority</th>
<th>Project</th>
<th>Applicant</th>
<th>Subbasin</th>
<th>Request</th>
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<tr>
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<td>Sound Salmon Solutions</td>
<td>Rural Stream Primary</td>
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<td>Three Forks Natural Area</td>
<td>Mountains to Sound Greenway Trust</td>
<td>Above the Falls</td>
<td>$60,180</td>
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5) Griffin Creek Riparian Restoration

Sponsored by Sound Salmon Solutions

Grant Award: $99,898

Leveraged Funds: $5,000
KEY PROJECT ELEMENTS

- 6.2 acres of riparian restoration along the mainstem Snoqualmie River and Griffin Creek
- Done in conjunction of Ecology planting grant along Griffin Creek for a total of 11.4 acres
6) Wallace Acres Phase III

Sponsored by Stewardship Partners

Grant Award: $29,586

Leveraged Funds: $5,000
KEY PROJECT ELEMENTS

- Plant 800 linear feet of Snoqualmie mainstem for a total of .64 acers
- Install 800 linear feet of livestock exclusion fencing
11) North Fork Cherry Creek

Sponsored by Wild Fish Conservancy

Grant Request: $99,033

Total Match: $126,500
KEY PROJECT ELEMENTS

- Design and permit replacement of two culverts that are causing fish passage and flooding issues
13) Meadowbrook Farm Forest

Sponsored by Mountains to Sound Greenway Trust

Grant Request: $57,015*
Total Match: $11,000

*partial funding recommended
KEY PROJECT ELEMENTS

• Restore 32 acres of Meadowbrook Farm Forest through invasive removal and installation of native conifers.