

**From:** [Scott Boettcher](#)  
**To:** [Scott Boettcher](#)  
**Subject:** FW: Future Projects  
**Date:** Wednesday, November 17, 2021 1:19:38 PM  
**Attachments:** [PART I -- FINAL Form -- 2021-23 Local Projects Recruitment 5-14-2020 study.docx](#)  
[Vicinity Maps Basin Study.pdf](#)

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**From:** Mike Olden <molden@montesano.us>  
**Sent:** Wednesday, October 13, 2021 3:30 PM  
**To:** Scott Boettcher <scottb@sbgh-partners.com>  
**Subject:** RE: Future Projects

Scott

Attached is the recruitment form and a figure identifying the areas of concern that will be evaluated. Let me know if you need anything else.

Thanks for your consideration.

Mike Olden, P.E.  
Director of Public Works/Community Development  
City of Montesano  
(360) 589-0333



## **Part I**

# **2021-23 Local Projects Recruitment Process, Schedule** **FORM**

### **Instructions:**

1. Please submit project requests (via this recruitment form) to [scottb@sbgh-partners.com](mailto:scottb@sbgh-partners.com) no later than 5:00 p.m., 7/08/2020.
2. Please submit one recruitment form for each project proposed, even past projects previously or partially funded.
3. Note: Sections III and IV [marked by "(\*\*)"] will be scored for review/evaluation. Sections I, II, and V will not be scored.
4. Note: Section V is necessary to help the Chehalis River Basin Flood Authority, Office of Chehalis Basin and Chehalis Basin Board understand the scope and scale of Local Projects into the future.
5. See [https://www.ezview.wa.gov/site/alias\\_1492/37642/2021-23-local-projects-recruitment-process.aspx](https://www.ezview.wa.gov/site/alias_1492/37642/2021-23-local-projects-recruitment-process.aspx) for more information.

Section I General	
1. <b>Date:</b>	
2. <b>Project Name and Project Phase/Stage:</b>	Montesano Flood Mitigation Study
3. <b>Project Location</b> -- Please provide location of project and latitude, longitude coordinates (e.g., 46.712222, -122.977811).	46.977759° -123.601399° City of Montesano
4. <b>Project Manager/Contact</b> -- Please identify who will be responsible for overseeing, implementing the project on a day-to-day basis (i.e., name, organization, contact information).	Mike Olden, P.E.
5. <b>Project Sponsor and Key Partners</b> -- Please identify project sponsor and key partners who will assist in project delivery, implementation.	The City will conduct a selection process to hire a consultant for this work. The consultant and City staff will work with several property owners within the areas that are evaluated.

Section II Description, Timing and Cost	
6. <b>Project Description</b> -- Please describe the project, what is intended to be accomplished, flood hazard reduction benefits to be accrued to whom and when. Please identify what phase/stage of the project funding is sought (e.g., study phase/stage, planning phase/stage, design/engineering/permitting phase/stage, construction/implementation phase/stage). Please identify any local or state funding previously secured for this project.	There are currently two areas in the City that flood intermittently. The City does not have sufficient planning information and prior analysis to understand priorities and the alternatives that may be available to alleviate the flooding concerns. One area of concern is a sub basin that impacts and is likely impacted by the east fork of Sylvia Creek. The other area of concern is lower portion of Scofield Creek and the storm water collection discharge just upstream of Highway 12. Sylvia Creek discharges to the Wynooche River and Scofield Creek discharges to the Chehalis River within a half mile of the flooding concern.
7. <b>Project Timeline</b> -- Please describe the timeline and phases/stages for completing the overall project and the timeline for completing the phase/stage to be funded by 2021-23 funding.	This project is an engineering study and can begin within six weeks of obtaining funding. The duration of the study is expected to be 6 to 9 months.
8. <b>Project Cost and Funding</b> -- What is the cost of the overall project (or anticipated cost)? What is the cost of the phase/stage to be funded by 2021-23 funding? What are the on-going maintenance and operation requirements and costs? Who will cover on-going maintenance	The estimated cost for the work is \$100,000. There are no anticipated phases for this work.

and operation requirements and costs?	
9. <b>Other Funding</b> -- Please describe other funding sources and partners that have already contributed (or could contribute in the future) to this project and for what phase/stage.	The City will commit City resources to manage the project as in-kind matching funds. The anticipated value is \$10,000.

Section III (**) Completion, Doability, Alternatives, and Impacts	
10. <b>Project Completion</b> -- Does the funding requested complete, substantially complete, or continue a project already started? If so, please explain.	This funding will complete the project.
11. <b>Project Doable</b> -- Can this project or the phase/stage for which funding is sought be completed by June 30, 2023? Please describe any circumstances with potential to impact the project's doability or timeline (e.g., permitting or regulatory unknowns, lack of availability of other funding resources, etc.). Please describe any advance coordination or vetting with agencies, tribes, other entities, etc. and the outcomes of that effort.	This project can be completed by June 30, 2023 if funding is authorized by August 2022.
12. <b>Project Alternatives</b> -- Please describe alternatives to the project that were considered (including doing nothing), and the rationale for selecting the project described, proposed here.	This project will provide the alternatives that are needed to properly evaluate how to address flooding concerns.
13. <b>Project Impacts Avoided, Mitigated</b> -- Please identify how project impacts will be avoided and mitigated, and if that mitigation will be accomplished by June 30, 2023?	Not Applicable

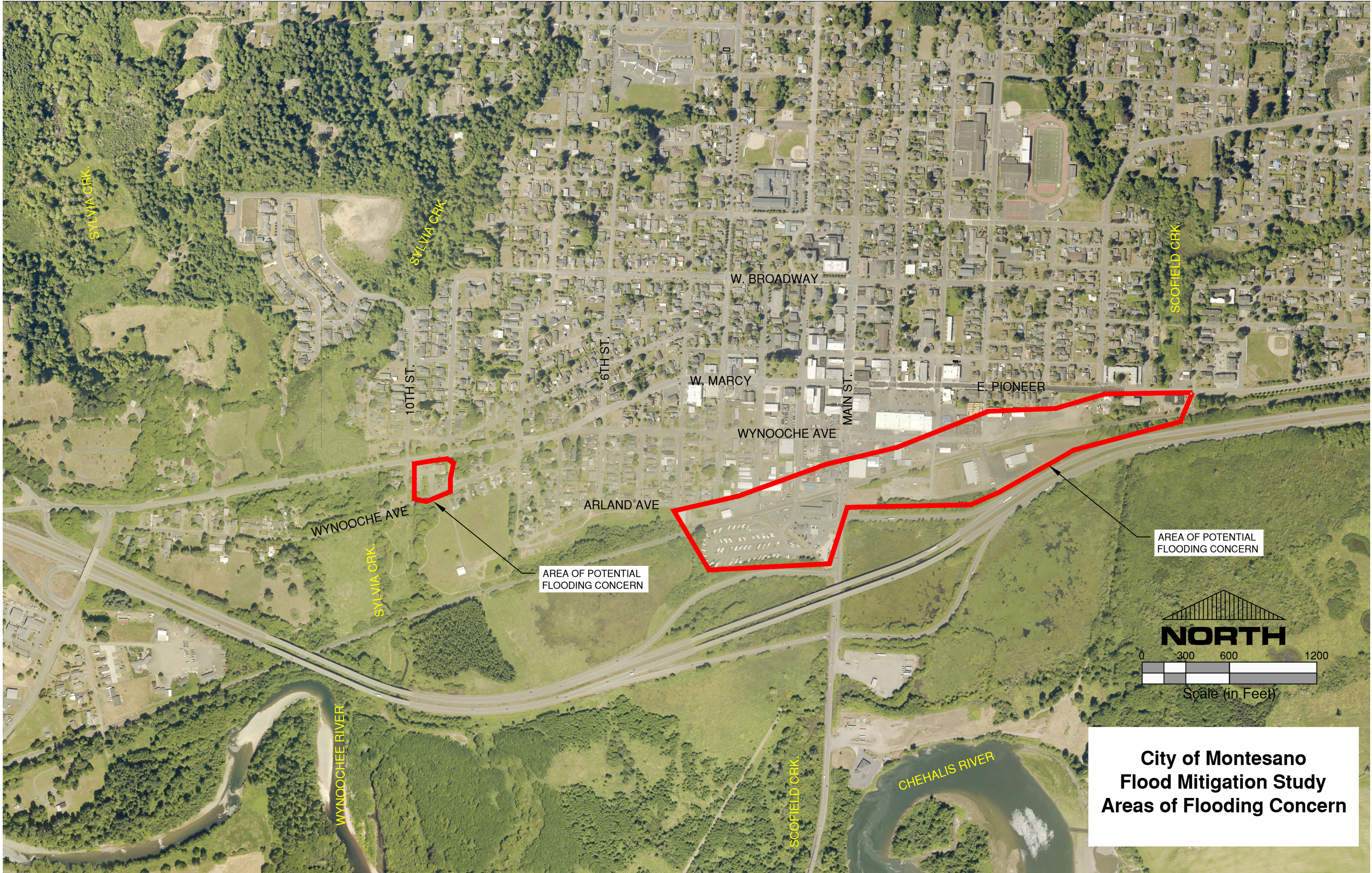
Section IV (**) Benefits Stated and Quantified	
14. <b>Emergency Response Benefits</b> -- Please describe (and quantify) how this project enhances emergency response in a flood emergency (e.g., does it keep critical access roads and transportation facilities open/functional, does it enable easy movement	This project has the potential to provide project alternatives to keep critical access roads and transportation facilities open/functional.

of cattle, equipment and farm chemicals out of harm's way, is it part of a larger hazard mitigation plan, etc.).	
<b>15. Essential Infrastructure Protection Benefits --</b> Please describe (and quantify) how this project protects essential infrastructure and the risks or consequences of not acting this funding cycle.	This project will evaluate how to protect critical essential infrastructure. Not acting now will delay understanding of how to protect essential infrastructure.
<b>16. Public Health, Safety and Welfare Benefits --</b> Please describe (and quantify) how this project protects public health, safety and welfare.	This project will evaluate how best to protect public health, safety and welfare.
<b>17. Residential, Commercial and/or Agricultural Protection Benefits --</b> Please describe (and quantify) how this project protects residential communities, commercial and/or agricultural interests and benefits of acting (or consequences of not acting) this funding cycle. Consider factors like number of structures and people at risk, historic frequency of flood damage, magnitude of benefit for the cost, etc.	This project will evaluate how to protect commercial and residential properties in and around the areas of flooding concern. Both areas of concern have the potential to impact businesses. Several residential properties may also be impacted from flooding in the Sylvia Creek sub basin if not addressed. It is not fully understood to what magnitude flooding may impact these properties. That is something that will be much better understood after completion of this work.
<b>18. Habitat Benefits –</b> Please describe (and quantify) how this project benefits or improves existing or future habitat conditions.	The study will evaluate potential habitat enhancement in the alternative analysis.
<b>19. Costs, Benefits, Impacts –</b> Please describe (quantify) anticipated:  (a) <u>Costs</u> of this phase/stage of the project if funded, and if not funded? This would include any costs (beyond direct cost of the project) that might be incurred or avoided as a result of the project being funded (or not funded) and when.  (b) <u>Benefits</u> of this phase/stage of the project if funded and when those benefits would be realized?  (c) <u>Impacts</u> of this phase/stage of the project if funded, if not funded, and when those impacts would occur.	The potential cost of no funding is difficult to determine in this case. Costs for alternatives, including the zero or null alternative will be considered in the study. The potential benefit is identifying project options to reduce flooding and being able to have confidence that resources will be directed towards feasible solutions. The impact of funding this project is expected to be protection of property and the environment over the long term.
<b>20. Other Project Benefits --</b> Please describe (and quantify) any other project benefits not already	This project may discover other potential areas of concern that are currently not considered.

discussed. This could include how this project compliments, leverages, or implements another project or planning process already underway.	
21. <b>Anything Else</b> -- Please offer any additional information (e.g., links, photos, maps, video, drawings, drone, etc.) that would help to better understand the scope, timing, and benefits of this project.	See Attached Figure

Section V Local Projects Beyond 2021-23	
22. <b>Project Name and Project Phases/Stage:</b>	
23. <b>Project Location</b> -- Please provide location of project and latitude, longitude coordinates (e.g., 46.712222, -122.977811).	
24. <b>Project Sponsor and Key Partners</b> -- Please identify who is sponsoring the project and key partners who will assist with project delivery, implementation.	
25. <b>Project Description</b> -- Please describe the project, what is intended to be accomplished, the flood hazard reduction benefits to be accrued and to who and when. Please identify what phase/stage of the project funding is sought (e.g., study, planning, design/engineering/permitting, construction/implementation).	
26. <b>Costs</b> -- Please describe (quantify) anticipated project costs.	
27. <b>Benefits</b> -- Please describe (quantify) anticipated project benefits.	
28. <b>Impacts</b> -- Please describe (quantify) anticipated project impacts.	





**City of Montesano  
Flood Mitigation Study  
Areas of Flooding Concern**