



Subject: Quarterly Report
To: Don Martin
Idaho Division of Environment

Dear Sirs,

The overall progress of the Big Lost River 208 Project has been exceptional. We feel this has been the result of the interest and enthusiasm of the landowners and the numerous agencies involved.

A couple of untimely occurrences have forced some changes upon the scope of our project. First, the second site selected is no longer a viable site as the river has cut through a key meander node.

Therefore an alternate site was selected on Lincoln Zollinger's ranch on the lower end of the project area. We feel that from a gabion demonstration standpoint the upper portion of the project area will be well covered.

We will have the first site with a mass wasting feature being protected by one application. The Fish and Game Dept. will be putting in gabions on a mass wasting feature using a different approach and the BLM will also be installing corrective measures on their land in the upper reaches of the project area.

Our new site in the lower project area will be demonstrating the use of gabions for stabilization of low bank cutting under a different river flow regime than what occurs in the upper project area. We feel this is a technically sound approach for demonstration purposes.

The other occurrence affecting our project was the untimely death of Mr. Lincoln Zollinger. He was killed in Island Park when a tree flew over and fell on him while he was sleeping in his tent. This has created a sensitive situation with regard to the new gabion site.

However, we feel very positive with regard to the project and feel that there is adequate momentum behind the project to carry it to a successful completion.

The following project progress has been made with regard to the various tasks and outputs:

- | | |
|---|-----------|
| 1) Ownership map completed | Dec. 1979 |
| 2) Streambank stability analysis completed. | Nov. 1979 |
| 3) Erosional & Depositional features have been plotted on photo overlays and are presently being ground truthed in the field. | July 1980 |



- 4) Evaluation of upper watershed.
Tour was held by the U.S. Forest Service and Butte SCD of the upper watershed. June 11, 1980
- 5) Site Selections were made at a public participation meeting. Sites were evaluated by the technical advisory committee. Nov. 1979
- 6) Designs & plans for demonstration gabions at this time are still not completed. July 1980
- 7) Permits for in channel work have been obtained. March 1980
- 8) Operation and maintenance contract has been developed and will be submitted to IDOE and EPA for review. June 1980
- 9) Field work is underway for the plan development. June 1980
- 10) Soil survey is in progress for the private, state and federal land within the project area. July 7, 1980
- 11) In field inventories are in progress for the preparation of the plan and environmental assessment. June 1980
- 12) Information and public participation.
Five news articles from the district have been published in local papers and one article was published in the Idaho Assoc. of Conservation Districts Bulletin. An article for statewide circulation is in the process of being developed. Wiley Smith, SCD Supervisor is coordinating television coverage by an Idaho Falls T.V. station for this fall.
The public meeting scheduled in the contract work plan for this month has been rescheduled for the month of September in order to take advantage of the weather for field work. Also, this will give us a chance to evaluate and present field data at a later meeting just prior to the installation of the gabions. July 1980

Our major problem encountered so far has been weak engineering assistance from the Soil Conservation Service with regard to the two demonstration gabions. The engineering needs have been clearly identified in the project work plan with dates for completion. We have been in need of a complete design for sometime. There have been times when we have had to make key project decisions



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without good engineering data and hope that things will work out.

Now we are faced with a short period of time before the installation and we still do not have a completed design. We have to order the gabion baskets, arrange for special equipment, and organize the landowners for the work so that we can put it all together prior to the end of September. If we are delayed into October we will lose the landowners as a work force as they will be in the hills getting their stock.

We have made our needs known to the JCS area office. At our last board meeting held June 18, 1980 the motion was made to draft a strong letter of concern to Amos Garrison, State Conservationist. The motion carried and Wiley Smith was assigned responsibility for drafting the letter, which will be signed by all of the board members.

As a result of the contact with the JCS Area Office Art Shoemaker, Assistant State Conservationist has been assigned engineering responsibility for the project and project area on July 28, 1980.

We hope this quarterly report covers the needed items adequately. We appreciate your assistance.

Jack Jensen
Chairman, Butte Soil Conservation District

INVOICE

Idaho Water Quality Management Program
(STATEWIDE 208)

U-4

TO: State of Idaho
Department of Health and Welfare
Division of Environment

FROM: Butte Soil Conservation District

Project Name: Big Lost River 208 Special Project

Contract Number: 0980

Invoice Period: From October 1, 1979 to April 30, 1980

Expenditures

Categories	Total Costs This Period	Local Match This Period	Reimbursement Request - This Period	Total Costs To Date	
				Grant	Local Match
Personnel	2,605.70	1,565.00	2,605.70	2,605.70	1,565.00
Living Benefits	533.12		533.12	533.12	164.56
Travel	(1040)(.17) =	(1097)(.17) =			
Miles x Rate	176.80	186.49	176.80	176.80	186.49
Equipment					
Publication & Printing					
Contractual Services..					
Supplies		223.26			223.26
Cellanecus					
plain if in excess \$5,000	52.18		52.18	52.18	
AL	3,367.80	2,139.31	3,367.80	3,367.80	2,139.31

Reimbursement Request. Total reimbursement request from State project funds for this
period: \$ 3,367.80

P.O. BOX 8, ARCO, IDAHO 83213

Subject: Quarterly Report for July - September

Date: October 2, 1980

To: Don Martin
Idaho Division of Environment

Don,

The project is progressing at a rapid pace. Much of the field work is completed and installation of the demonstration gabions is underway.

Tony reports that excellent progress is being made on getting the gabions in. Landowner participation has been good despite the wet back in the harvest due to the wet weather we had. The Boy Scouts and Trout Unlimited have been active on weekends putting the gabions together. Forest Service and BLM YACC crews have also been participating in the gabion installation.

The Independent Highway Dept. at Mackay has been supplying some equipment and the Butte Soil Conservation District will reimburse them for wages and fuel expenses.

The following project progress has been made with regard to the various tasks and outputs:

1. On site evaluation of erosion problems and BMP alternatives with the Landowners has been completed. Matrices are now being put together.
2. Soil Survey of the project area has been completed.
3. Biological evaluation is in progress.
4. Gabion installation is in progress.
5. Vegetative test plots have been selected prepared and will be seeded the week of October 6th. The following species will be evaluated for critical area revegetation:

Agropyron spicatum
Agropyron riparium
Agropyron sibiricum
Agropyron trichophorum
Linum lewisii
Sanguisba minor

Seeds have been obtained from the SCS Plant Materials Center at Aberdeen, Idaho.

6. Infrared photography of riparian zone of the river within the project area is completed and being used as part of the biological evaluation.



7. Public Participation and Tours

Public Participation meeting was held on 9-16-80.

Tour involving SCS State and Area Staff and ASGS State personnel was held in August. Also an aerial tour was made of the project area, including the upper watershed. The following agencies were represented: USGS, BLM, IDOF, SCS.

The Butte SCD feels that involvement of the USGS would be an invaluable asset to our project. We hope things can be worked out financially for their input into our plan. We have some extreme river problems on Byron Coates and San Felipe Ranches that are beyond the scope of local correction. These areas will require channelization and gravel removal. We feel that agencies such as the USGS can give us the data needed to aid the landowner in getting adequate assistance.

Also, we feel that the data USGS can provide us on sedimentation into the Mackay Reservoir is critical.

We have been able to handle numerous problems in the field by remaining flexible to change. We hope all agencies involved can do like wise.

Jack Jensen/et
Chairman, Butte Soil Conservation District

INVOICE

Idaho Water Quality Management Program
STATEWIDE (08)

TO: State of Idaho
Department of Health and Welfare
Division of Environment

FROM:

Project Name: Big Lost River 208 Special Project

Contract Number: 0980

Invoice period: From April 30, 1980 to September 17, 1980

Expenditure

Categorie	Total Cost This Period	Local Match This Period	Reimbursement Request - This Period	Total Expenses To Date	
				Grant	Local Match
Personnel	1300.00	1555.90	1300.00	2905.70	2928.90
Fringe Benefits	49.00		49.00	582.12	164.56
Travel					
Miles X .174 Rate	200.00	173.15	200.00	376.80	322.77
Equipment					
Publication & Printing					
Contractual Services..					
Supplies	20,344.59		20,344.59	20,344.59	223,720.00
Miscellaneous					
(Explain if in excess of \$5,000)		7.04		52.18	
	21,893.59	1735.09	21,893.59	25,261.39	3548.99

*Reimbursement Request: Total reimbursement request for this project for this period: 21,893.59

III Certification.

I hereby certify that the items described are/were ordered by proper authority; that they are necessary in the public service; and that the account as stated is correct. The matching funds indicated above are non-Federal and are not being used as a matching share for any other Federally-assisted projects. Supporting documentation for in-kind contributions is on file.

September 24, 1980

Date

By: *Jack H. Lane*

Chairman, Butte Soil Conservation District

IV. Warrants Payable To:

Butte Soil Conservation District

Name

P.O. Box "3"

Address

Arco, Idaho 83213



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January 13, 1981

Don,

We feel the project is moving along in a satisfactory manner.

The write up for the environmental assessment is in progress. The interpretation, organizing and writing up the field data will be in progress for sometime to come.

We have just completed amending the workplan once again. We feel that we have complied with EPA's recommendations.

The following project progress has been made with regard to the various tasks and outputs:

- 1- Matrices of problems and alternative BMP's are still in the process of preparation.
- 2- Write up of environmental assessment is now underway.
- 3- Biological evaluation is complete.
- 4- Demonstration Gabion installation is complete on the upper site. South bank of the lower site is complete. North bank site preparation is underway. Fish and Game site is complete.
- 5- Working with the High Country RC&D as a potential funding source.
- 6- Public participation and information.
 - a. Two excellent features on the Big Lost River 208 Project were presented by KID TV.
 - b. Sharon Norris, SCS, Information Specialist is preparing a feature story for local and possible national publication on the project.
 - c. Court of Honor Ceremonies were recently held in Mackay and Arco. At these ceremonies Boy Scouts and scouters were presented with special conservation awards, letters of commendation and conservation patches for their uniforms. The presentations were made by various board members from the Butte Soil Conservation District.

We feel that if this project is accepted for RC&D funding before our work is completed on the 208 plan and environmental assessment that our existing manpower will not be able to meet work commitments and demands. We feel that this could be detrimental to our normal operations as a district.



Butte Soil Conservation District

Butte Soil Conservation District

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We appreciate your continued support and leadership with regard to this conservation effort.

Sincerely Yours,

Jack Jensen

Jack Jensen

Chairman, Butte Soil Conservation District

*Quarterly Report
April - June*

file

July 7, 1981

Ms. Gwen Burr
Division of Environment
Department of Health and Welfare
Statehouse
Boise, Idaho 83720

Dear Gwen:

We feel that the 208 project is still moving along in a positive manner. The following progress has been made:

1. Big Lost River Critical Area Treatment measure plan has been submitted to the SCS State Office for review.
2. USGS bedload and sedimentation studies are just about completed. Further data will be collected on the sedimentation of the Mackay Reservoir using a process of taking core samples from the bottom and evaluating the core sections for Cesium-137. This will involve gamma-ray spectrometric analysis. Arrangements are being made with the Idaho Nuclear Engineering Laboratory to carry this out.
3. SCS field office personnel are in the field developing the individual conservation plans and plan revisions. These plans will emphasize BMP installation in critical area treatment sites along the river.
4. An excellent public participation meeting was carried out on May 21, 1981 in conjunction with Governor Evans' Capitol for a Day in Butte County program. (See attached minutes of the meeting.) Mark Ellis Freckleton, a Boy Scout from Pocatello, Idaho, has submitted a revegetation plan for willow plantings on selected sites within the project area. This project plan has been sent to the local council for a possible Eagle Award project. (See plans attached.)
5. The write-up for the 208 Plan for Implementation is well along. A rough draft of the completed sections has been submitted to your office for early review and comment.

July 7, 1981

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We are very encouraged with all of the spin-off benefits derived from this project. We are making every effort to capitalize on these added benefits. When the plan is completed there will be a very solid body of data assembled on the Big Lost River Watershed. This will have lasting use and benefit for many years to come.

We appreciate your continued efforts and support.

Sincerely yours,

(cc)
Jack Jensen, Chairman
Butte Soil Conservation
District

Attachments: 3

Contractor Partie SCD

Contract #: 380

Project scal us

Quarter Covered: April-June - Statewide 208 Program -

Project	Total Contracted Amount	Funds Expended This Quarter	Total Funds Expended To Date	Percent of Budget Spent To Date	Total Match Required	Match Accumulated To Date
Big Lost River	\$81,750.00	\$3,094.77	\$33,622.49	41%	\$27,250.00	\$34,270.40