



Montana Fish, Wildlife & Parks

Region One
490 North Meridian Rd.
Kalispell, MT 59901
(406) 752-5501
FAX: 406-257-0349
Ref:DV260-00
October 6, 2000

TO: Environmental Quality Council, Capitol Building, Helena, 59620-1704
Dept. of Environmental Quality, Metcalf Bldg., PO Box 200901, Helena, 59620-0901
Montana Fish, Wildlife & Parks

Director's Office – Rich Clough
Fisheries Division – Karen Zackheim
Lands – Darlene Edge

Parks Division – Jeff Erickson, Allan Kuser
Legal Unit
Design & Construction – Dick Mayer

Montana Historical Society, SHPO, 225 North Roberts, Veteran's Memorial Bldg, Helena, 59620-1201
Montana State Library, 1515 East Sixth Ave., Helena, 59620-1800

Jim Jensen, Montana Environmental Information Center, PO Box 1184, Helena, 59624
George Ochenski, PO Box 689, Helena, 59624

Wayne Hirst, Montana State Parks Foundation, PO Box 728, Libby, 59923

Janet Ellis, Montana Audubon Council, PO Box 595, Helena, 59624

Montana State Parks Association, PO Box 699, Billings, 59103

Joe Gutkoski, Montana River Action Network, 304 N 18th, Bozeman, 59715

Rep. Rob Raney, 212 S. 6th, Livingston, 59047

Rep. Stanley Fisher, 76 Golf Terrace, Bigfork, 59911

Rep. Paul Sliter, PO Box 118, Somers, 59932

Sen. Bob Keenan, Box 697, Bigfork, 59911-0697

Flathead County Library, 247 First Avenue E, Kalispell, 59901

Flathead County Library, Bigfork Branch, PO Box 472, Bigfork, 59911

Flathead County Commissioners, 800 S Main, Kalispell, 59901

Flathead Wildlife, Inc., PO Box 4, Kalispell, 59903

Ladies and Gentlemen:

The enclosed draft Environmental Assessment (EA) has been prepared for Wayfarers State Park and is submitted for your consideration. The proposed action is to place rock rip rap along the shoreline from the boat ramp to the northern park boundary to stabilize the bank.

Questions and comments will be accepted until November 6, 2000. Please direct your questions or comments to Marty Watkins, FWP Parks Manager, 490 N. Meridian Road, Kalispell, MT 59901 or e-mail to mawatkins@state.mt.us.

Sincerely,

Dan Vincent by BM

Dan Vincent
Regional Supervisor

DV/nli
Enclosure

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**ENVIRONMENTAL ASSESSMENT (EA) FOR
WAYFARERS LAKESHORE
EROSION CONTROL**

JUNE, 2000



Montana Fish, Wildlife & Parks
490 Meridian Road
Kalispell, MT 59901

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Cover Photo: A major portion of the shoreline proposed for the rock rip rap protection.

DRAFT

MEPA/NEPA/HB495 CHECKLIST

PART I. PROPOSED ACTION DESCRIPTION

1. Type of Proposed State Action: Place Rock Rip Rap Along Shoreline.
2. Agency Authority for the Proposed Action: Montana Fish, Wildlife & Parks (FWP), 490 N Meridian, Kalispell, MT 59901, (406)752-5101, e-mail to mawatkins@state.mt.us

3. Name of Project: Wayfarers State Park Lakeshore Bank Stabilization.

4. Name, Address and Phone Number of Project Sponsor (if other than the agency)

5. If Applicable:

Estimated Construction/Commencement Date Winter 2000-01.

Estimated Completion Date April, 2001.

Current Status of Project Design (% complete) 70%.

6. Location Affected by Proposed Action (county, range and township)

Flathead County, Section 36, T. 27 N., R. 20 W.

7. Project Size: Estimate the number of acres that would be directly affected that are currently:

- | | |
|--|---|
| <p>(a) Developed:</p> <p>residential..... __ acres</p> <p>industrial..... __ acres</p> | <p>(d) Floodplain..... __ acres</p> |
| <p>(b) Open Space/Woodlands/
Recreation..... __ acres</p> | <p>(e) Productive:</p> <p>irrigated cropland..... __ acres</p> <p>dry cropland..... __ acres</p> <p>forestry..... __ acres</p> <p>rangeland..... __ acres</p> <p>other.... SHORELINE 1000 FT.</p> |
| <p>(c) Wetlands/Riparian
Areas..... __ acres</p> | |

8. Map/site plan: attach an original 8 1/2" x 11" or larger section of the most recent USGS 7.5' series topographic map showing the location and boundaries of the area that would be affected by the proposed action. A different map scale may be substituted if more appropriate or if required by agency rule. If available, a site plan should also be attached. See Appendix.

9. Narrative Summary of the Proposed Action or Project Including the Benefits and Purpose of the Proposed Action.

Wayfarers State Park is located on the northeast shore of Flathead Lake, approximately one mile south of Bigfork, Montana. The park is 18 miles southeast of Kalispell and 34 miles north of Polson on State Highway 35 (Appendix A-1).

The park land was donated to the state of Montana in September 1969 by the Bigfork Masons. With the development of interior roads, parking facilities, 18 campsites, day-use facilities, and a boat ramp to access Flathead Lake (Appendix A-2), the recreational facilities have served the resident and nonresident recreationists at an increasing and sometimes to overflowing capacity. Through 1998, the park hosted over 60,000 visitors annually.

Through the years, improvements have been made to replace worn-out and outdated facilities. Facilities at the 18 established campsites presently include an old flush toilet (which is planned for replacement in 2000-01), paved roads, parking spurs, tables, and stoves. A new flush toilet replaced the old one in the picnic area in 1999. Parking, picnic tables, and a swimming beach provide for the day-use recreational activities in this area. A new boat ramp, dock, and parking facilities were constructed at this recreational site in 1994.

The park is heavily wooded, except for one meadow which is utilized as an overflow camping or group camping area, with a mixed conifer/deciduous forest cover. A campground host serves the area during the summer months. There is a daily fee as well as a camping fee. These fees cover approximately 1/3 of the operating costs to run the facility.

The proposed action is to place filter fabric and rocks to establish rip rap along the water edge from the boat ramp to the northern park boundary (Appendix A-2), approximately 1000 feet in length and varying in height or width of 1 to 3 feet, not to exceed the height of the bank (Photo #1).

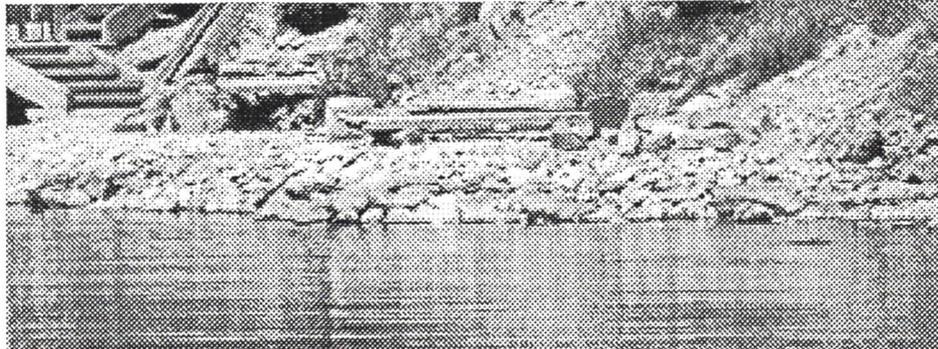


Photo #1. Rock rip rap similar to one proposed for lakeshore at Wayfarers State Park.

Using existing rocks along the shoreline (Photos #2 & #3), additional rock of various sizes (one foot maximum size) and shapes will be hauled in to complete the rip rap. Some minimal excavation will be necessary in some areas to prepare the shoreline, and to key the rocks into the subsurface away from any wave action. Filter fabric will be placed between the bank and the rip rap to retain sediments. The rip rap erosion control barrier will follow the existing shoreline. Construction will occur in the winter, when water levels are down, so equipment will not be working in the water.

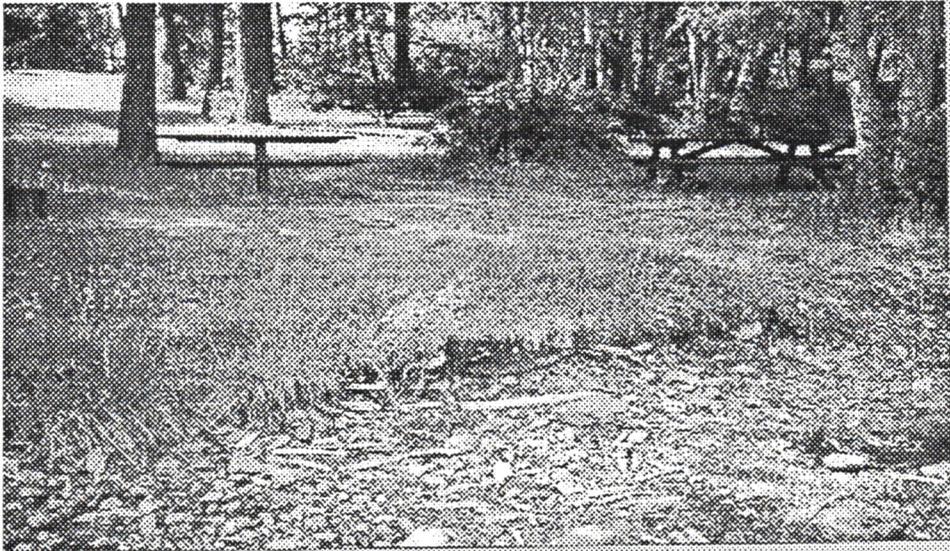


Photo #2. Erosion in beach area.

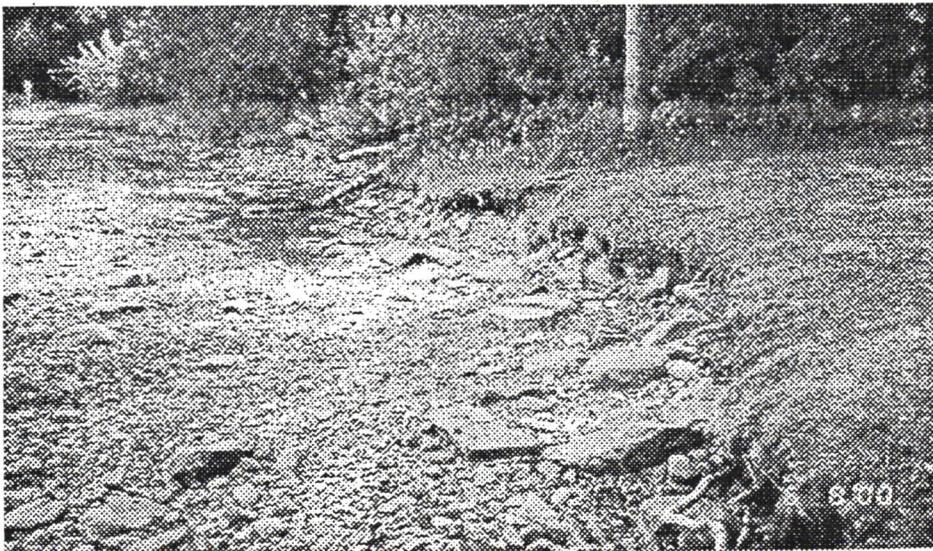


Photo #3. Erosion along lake shore.

Logs wash down from the north via the Flathead River into Flathead Lake. The Swan River produces a current from the east out of Big Fork Bay. Prevailing winds are from the southwest with storms out of the north. This combination produces a circular current pattern in the northeast corner of the lake that deposits the logs on all property along the lakeshore. This action is ongoing and the log pile increases in size and height every year. (Photo's #4 & #5).



Photo #4. Logs washed ashore at boat ramp.



Photo #5. Logs washed ashore at north of property boundary. Erosion occurs where logs do not wash in. Once the logs are removed, erosion may occur the entire length of the beach. Land will be lost along with trees in some areas.

Two years ago it was noted that swimmers and kayakers were climbing over the log jams to access the water. This was creating a danger from slipping on the logs or being caught between logs, with a potential for some serious injuries.

The log piles were removed from the lakeshore during the winter months of 1999 when the lake level was down. At that time, it was noted the lakeshore bank was eroding due to wave action. The logs kept this to a minimum on some areas in the past. With the logs removed, the opportunity for erosion is greater. Even with this erosion problem, it was felt the removal of the logs for public safety reasons exceeded the erosion protection they were providing along the lakeshore, and that shoreline protection would be better accomplished with the proposed bank armoring.

10. **Listing of any other Local, State or Federal agency that has overlapping or additional jurisdiction.**

(a) Permits:

Agency Name Permit Date Filed/#

**Flathead Regional
Development Office Lakeshore Permit 6-20-00**

**U. S. Army Corps of
Engineers (COE) Section 404 Permit 6-20-00**

(b) Funding:

Agency Name Funding Amount

Montana Fish, Wildlife & Parks \$9,000

(c) Other Overlapping or Additional Jurisdictional Responsibilities:

Agency Name Type of Responsibility

11. **List of Agencies Consulted during Preparation of the EA:**

**Flathead Regional Development Office (FRDO)
FWP Fishery Biologist
U. S. Army Corps of Engineers (COE)**

PART II. ENVIRONMENTAL REVIEW

PHYSICAL ENVIRONMENT

1. <u>LAND RESOURCES</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
► a. Soil instability or changes in geologic substructure?			X		yes	1a
b. Disruption, displacement, erosion, compaction, moisture loss, or over-covering of soil which would reduce productivity or fertility?			X		yes	1b
► c. Destruction, covering or modification of any unique geologic or physical features?		X				
d. Changes in siltation, deposition or erosion patterns that may modify the channel of a river or stream or the bed or shore of a lake?		X				1d
e. Exposure of people or property to earthquakes, landslides, ground failure, or other natural hazard?		X				1e
f. Other _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

- 1 a, b.** Wave action is eating into the bank causing soil erosion damage, siltation, and exposure of tree roots in some areas. The proposed action of installing filter fabric and rip rap will eliminate or minimize the problem.
- 1 d.** There will be short-term soil disruption to place the rocks and fabric. The proposed action will actually improve siltation, deposition, and prevent erosion problems by creating a rock barrier at summer high water levels. The use of filter fabric will allow water to pass through the rip rap, but will prevent the filtration of fines and sediments back into the lake water.
- 1 e.** The proposed action will eliminate safety problems caused by washed in logs. Logs that are washed in will be removed on an annual basis.

* Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

<u>AIR</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
▶ a. Emission of air pollutants or deterioration of ambient air quality? (also see 13 (c))			X		yes	2a
b. Creation of objectionable odors?		X				
c. Alteration of air movement, moisture, or temperature patterns or any change in climate, either locally or regionally?		X				
d. Adverse effects on vegetation, including crops, due to increased emissions of pollutants?		X				
◆e. For P-R/D-J projects, will the project result in any discharge which will conflict with federal or state air quality regs? (Also see 2a)		X				
f. Other _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Air Resources (Attach additional pages of narrative if needed):

2a There will be emissions of air pollinates from the construction equipment during the working period. The work will take place in the winter when the lake water level is drawn down, the state park closed, and the resort and condominium to the north and south closed or with very little outdoor activities.

Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

3. <u>WATER</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comm Index
	Unknown*	None	Minor*	Potentially Significant		
a. Discharge into surface water or any alteration of surface water quality including but not limited to temperature, dissolved oxygen or turbidity?			X		yes	3a
b. Changes in drainage patterns or the rate and amount of surface runoff?		X				
c. Alteration of the course or magnitude of flood water or other flows?		X				
d. Changes in the amount of surface water in any water body or creation of a new water body?		X				
e. Exposure of people or property to water related hazards such as flooding?		X				
f. Changes in the quality of groundwater?		X				
g. Changes in the quantity of groundwater?		X				
h. Increase in risk of contamination of surface or groundwater?		X				
i. Effects on any existing water right or reservation?		X				
j. Effects on other water users as a result of any alteration in surface or groundwater quality?		X				
k. Effects on other users as a result of any alteration in surface or groundwater quantity?		X				
♦♦l. For P-R/D-J, will the project affect a designated floodplain? (Also see 3c)		X				
♦m. For P-R/D-J, will the project result in any discharge that will affect federal or state water quality regulations? (Also see 3a)		X				
n. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Water Resources (Attach additional pages of narrative if needed):

3a There may be short-term water turbidity when the bank stabilization is complete and the water once again raises to its full pool level and inundates the project area. The work will be accomplished in the winter when the water level is down to reduce disturbances within the water. The construction equipment will be kept out of the water to reduce any disturbance.

PHYSICAL ENVIRONMENT

4. <u>VEGETATION</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Changes in the diversity, productivity or abundance of plant species (including trees, shrubs, grass, crops, and aquatic plants)?		X				
b. Alteration of a plant community?		X				
c. Adverse effects on any unique, rare, threatened, or endangered species?		X				
d. Reduction in acreage or productivity of any agricultural land?		X				
e. Establishment or spread of noxious weeds?		X				
♦♦f. For P-R/D-J, will the project affect wetlands, or prime and unique farmland?		X				
g. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

PHYSICAL ENVIRONMENT

▶ 5. <u>FISH/WILDLIFE</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment
	Unknown*	None	Minor*	Potentially Significant		
a. Deterioration of critical fish or wildlife habitat?		X				5a
b. Changes in the diversity or abundance of game animals or bird species?		X				
c. Changes in the diversity or abundance of nongame species?		X				
d. Introduction of new species into an area?		X				
e. Creation of a barrier to the migration or movement of animals?		X				
f. Adverse effects on any unique, rare, threatened, or endangered species?		X				
g. Increase in conditions that stress wildlife populations or limit abundance (including harassment, legal or illegal harvest or other human activity)?		X				
♦♦h. For P-R/D-J, will the project be performed in any area in which T&E species are present, and will the project affect any T&E species or their habitat? (Also see 5f)		X				
♦i. For P-R/D-J, will the project introduce or export any species not presently or historically occurring in the receiving location? (Also see 5d)		X				
j. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

5a. There will be no adverse effect on bull trout.

HUMAN ENVIRONMENT

6. <u>NOISE/ELECTRICAL EFFECTS</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Increases in existing noise levels?			x		yes	6a
b. Exposure of people to serve or nuisance noise levels?			X		yes	6b
c. Creation of electrostatic or electromagnetic effects that could be detrimental to human health or property?		x				
d. Interference with radio or television reception and operation?		x				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

6a,b. There will be an increase in noise levels caused by construction equipment such as rubber-tired front-end loaders and trucks. The work will be performed in the winter when the park is closed and residents in the adjacent resort to the north and the condominium to the south have fewer outdoor activities.

HUMAN ENVIRONMENT

7. <u>LAND USE</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Cor 1
	Unknown*	None	Minor*	Potentially Significant		
a. Alteration of or interference with the productivity or profitability of the existing land use of an area?		X				
b. Conflicted with a designated natural area or area of unusual scientific or educational importance?		X				
c. Conflict with any existing land use whose presence would constrain or potentially prohibit the proposed action?		X				
d. Adverse effects on or relocation of residences?		X				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

8. <u>RISK/HEALTH HAZARDS</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Risk of an explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals, or radiation) in the event of an accident or other forms of disruption?		X				
b. Affect an existing emergency response or emergency evacuation plan or create a need for a new plan?		X				
c. Creation of any human health hazard or potential hazard?		X				
♦d. For P-R/D-J, will any chemical toxicants be used? (Also see 8a)		X				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

9. <u>COMMUNITY IMPACT</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Cor I
	Unknown*	None	Minor*	Potentially Significant		
a. Alteration of the location, distribution, density, or growth rate of the human population of an area?		X				
b. Alteration of the social structure of a community?		X				
c. Alteration of the level or distribution of employment or community or personal income?		X				
d. Changes in industrial or commercial activity?		X				
e. Increased traffic hazards or effects on existing transportation facilities or patterns of movement of people and goods?		X				
f. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

HUMAN ENVIRONMENT

10. <u>PUBLIC SERVICES/TAXES/UTILITIES</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Will the proposed action have an effect upon or result in a need for new or altered governmental services in any of the following areas: fire or police protection, schools, parks/recreational facilities, roads or other public maintenance, water supply, sewer or septic systems, solid waste disposal, health, or other governmental services? If any, specify: _____		X				10 a.
b. Will the proposed action have an effect upon the local or state tax base and revenues?		X				
c. Will the proposed action result in a need for new facilities or substantial alterations of any of the following utilities: electric power, natural gas, other fuel supply or distribution systems, or communications?		X				
d. Will the proposed action result in increased used of any energy source?		X				
▸ e. Define projected revenue sources		X				10 e
▸ f. Define projected maintenance costs.		X				10 f
g. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

- 10 a. **Annual maintenance has increased due to the annual need to remove the logs floating into the shoreline.**
- 10 e. **Earned revenue and annual parks operating plan come from motor boat fuel tax and the general fund.**
- 10 f. **\$800 a year for log removal.**

HUMAN ENVIRONMENT

▶ 11. <u>AESTHETICS/RECREATION</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Cc
	Unknown*	None	Minor*	Potentially Significant		
a. Alteration of any scenic vista or creation of an aesthetically offensive site or effect that is open to public view?		X				
b. Alteration of the aesthetic character of a community or neighborhood?		X				11 b
▶c. Alteration of the quality or quantity of recreational/tourism opportunities and settings? (Attach Tourism Report)		X				
◆d. For P-R/D-J, will any designated or proposed wild or scenic rivers, trails or wilderness areas be impacted? (Also see 11a, 11c)		X				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

11 b. There will be an alteration to the aesthetics to the area due to the rock rip rap; however, this change will have little or no detrimental effect on the visual character to the area.

HUMAN ENVIRONMENT

12. <u>CULTURAL/HISTORICAL RESOURCES</u> Will the proposed action result in:	IMPACT*				Can Impact Be Mitigated*	Comment Index
	Unknown*	None	Minor*	Potentially Significant		
a. Destruction or alteration of any site, structure or object of prehistoric historic, or paleontological importance?		X				
b. Physical change that would affect unique cultural values?		X				
c. Effects on existing religious or sacred uses of a site or area?		X				
♦♦d. For P-R/D-J, will the project affect historic or cultural resources? Attach SHPO letter of clearance. (Also see 12.a)		X				
e. Other: _____						

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

12 d. Cultural/historical review in the area in previous projects have indicated no resources of this nature in this area. See Appendices A-4 and A-5. SHPO and the Confederated Salish and Kootenai tribes will have additional opportunity to comment on this project.

HUMAN ENVIRONMENT

13. SUMMARY EVALUATION OF SIGNIFICANCE Will the proposed action, considered as a whole:	IMPACT*				Can Impact Be Mitigated*	Co- l
	Unknown*	None	Minor*	Potentially Significant		
a. Have impacts that are individually limited, but cumulatively considerable? (A project or program may result in impacts on two or more separate resources which create a significant effect when considered together or in total.)		X				
b. Involve potential risks or adverse effects which are uncertain but extremely hazardous if they were to occur?		X				
c. Potentially conflict with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan?		X				
d. Establish a precedent or likelihood that future actions with significant environmental impacts will be proposed?		X				
e. Generate substantial debate or controversy about the nature of the impacts that would be created?		X				
♦f. For P-R/D-J, is the project expected to have organized opposition or generate substantial public controversy? (Also see 13e)		X				
♦♦g. For P-R/D-J, list any federal or state permits required.			X		yes	13 g.

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

13 g. Permits required include:

- (1) (FRDO) Flathead County Lake And Lakeshore Permit.
- (2) (COE) Army Corp. of Engineers 404 Permit.

2. Description and analysis of reasonable alternatives (including the no action alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:

Alternative 1. Do nothing. Logs will continue to build up along the shoreline, creating safety hazards to the park users. While this will slow erosion, it will continue along the shoreline where the logs do not pile up.

Alternative 2. Remove logs annually to eliminate the safety hazard to the park users. Do not place filter fabric and rip rap. Bank erosion will increase as the result of wind and wave action, creating water siltation and loss of shoreline.

Alternative 3. Remove the logs annually and place low rip rap with filter fabric for approximately 1000 feet with a height or width of between one to three feet. This will eliminate the safety hazard to the park users and stop the erosion to the lakeshore caused by wave action.

Preferred Alternative. Alternative 3.

3. Evaluation and listing of mitigation, stipulation, or other control measures enforceable by the agency or another government agency:

All contracts will comply with FWP, FRDO and COE specifications, time frames, and bidding procedures. Work will be scheduled to minimize impacts to park visitors, adjacent residents, and impacts to the environment.

4. Based on the significance criteria evaluated in this EA, is an EIS required? YES / NO If an EIS is not required, explain why the EA is the appropriate level of analysis for this proposed action:

An EIS is not required, as cumulative impacts are judged to be nonexistent or minor, and can be mitigated by management control and decisions.

5. Describe the level of public involvement for this project, if any; and, given the complexity and the seriousness of the environmental issues associated with the proposed action, is the level of public involvement appropriate under the circumstances?

Notices of the impending erosion control rip rap will be published in the legal notices of the local newspapers and on the electronic bulletin board, advising the availability of copies of the EA for public review. If public comments warrants, an open house will be held.

6. Duration of comment period if any:

30 Days – October 6 through November 6, 2000.

7. Name, title, address and phone number of the Person(s) Responsible for Preparing the EA:

Wayne B. Worthington, Consultant
Landscape Architect, ASLA
365 Summit Ridge Drive
Kalispell, MT 59901
(406) 752-2916

PART III. NARRATIVE EVALUATION AND COMMENT

- 1 a, b. Wave action is eating into the bank causing soil erosion damage, siltation, and exposure of tree roots in some areas. The proposed action of installing filter fabric and rip rap will eliminate or minimize this problem.
- 1 d. There will be short-term soil disruption to place the rocks and fabric. The proposed action will actually improve siltation, deposition, and prevent erosion problems by creating a rock barrier at summer high water levels. The use of filter fabric will allow water to pass through the rip rap, but will prevent the filtration of fines and sediments back into the lake water.
- 1 e. The proposed action will eliminate safety problems caused by washed in logs. Logs that are annually washed in will be removed on an annual basis.
- 2a There will be emissions of air pollinates from the construction equipment during the working period. The work will take place in the winter when the lake water level is drawn down, the state park closed, and the resort and condominium to the north and south closed or with very little outdoor activities.
- 3a There may be short-term water turbidity when the bank stabilization is complete and the water once again raises to its full pool level and inundates the project area. The work will be accomplished in the winter when the water level is down to reduce disturbances within the water. The construction equipment will be kept out of the water to reduce any disturbance.
- 5a. There will be no adverse effect on bull trout.
- 6a,b. There will be an increase in noise levels caused by construction equipment such as rubber-tired front-end loaders and trucks. The work will be performed in the winter when the park is closed and residents in the adjacent resort to the north and the condominium to the south have fewer outdoor activities.
- 10 a. Annual maintenance has increased due to the annual need to remove the logs floating into the shoreline.
- 10 e. Earned revenue and annual parks operating plan come from motor boat fuel tax and the general fund.

10 f. \$800 a year for log removal.

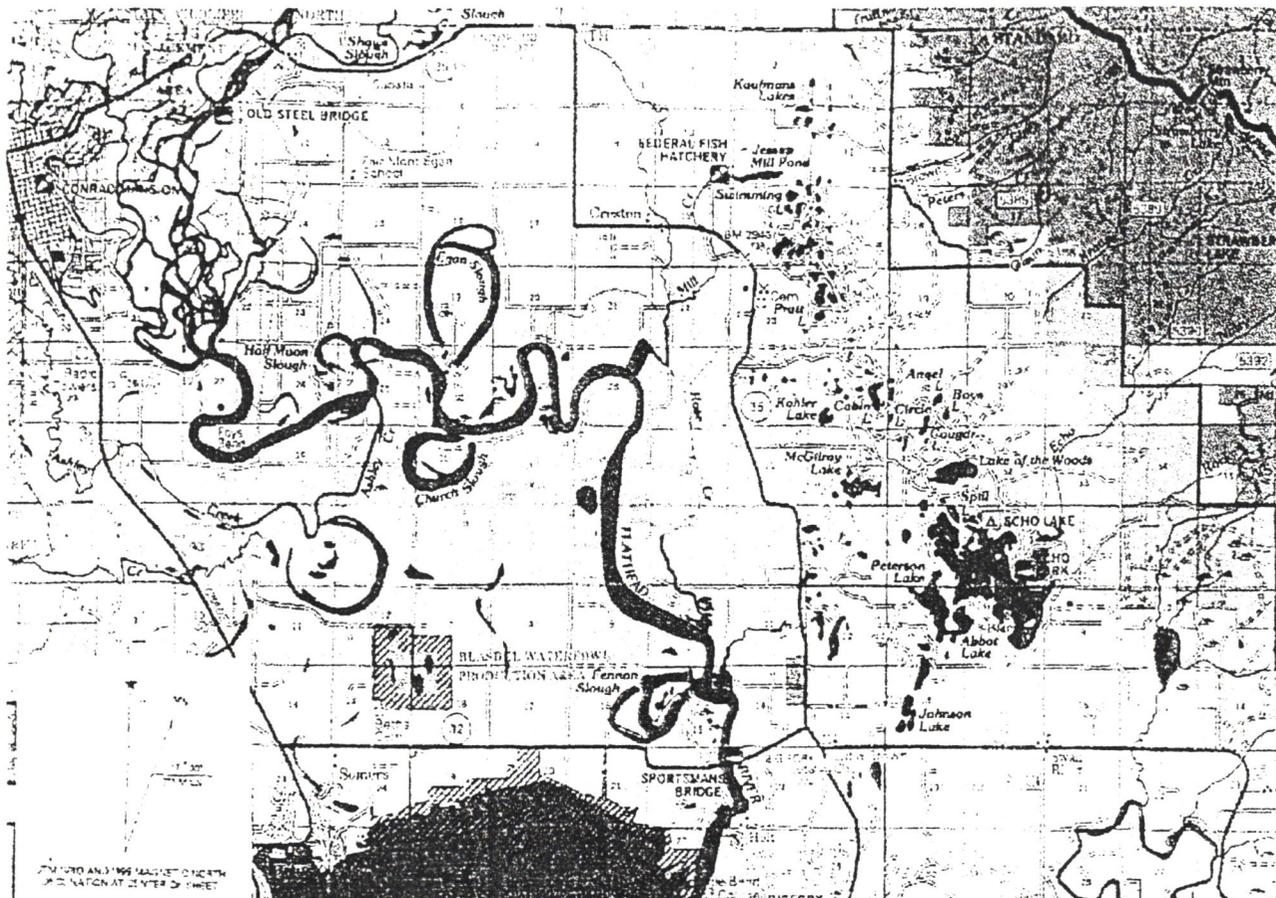
11 b. There will be an alteration to the aesthetics to the area due to the rock rip rap erosion control barrier, however, this change will have no detrimental effect on the visual character to the area.

12 d. Cultural/historical review in the area in previous projects have indicated no resources of this nature in this area. See Appendices A-4 and A-5. SHPO and the Confederated Salish and Kootenai tribes will have additional opportunity to comment on this project.

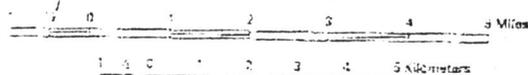
13 g. Permits required include:

- (1) (FRDO) Flathead County Lake And Lakeshore Permit.**
- (2) (COE) Army Corp. of Engineers 404 Permit.**

APPENDIX

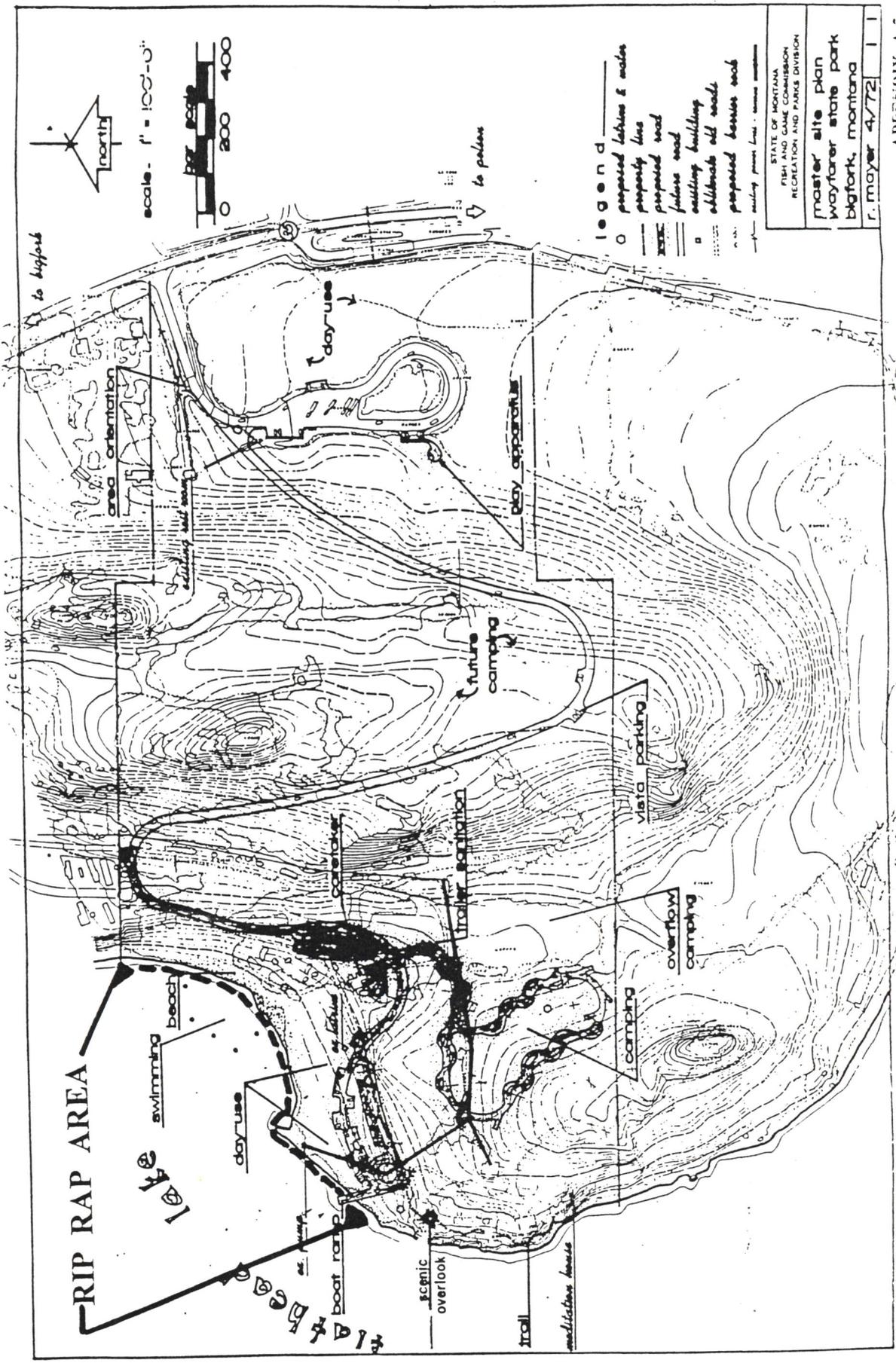


Scale 1:126,720

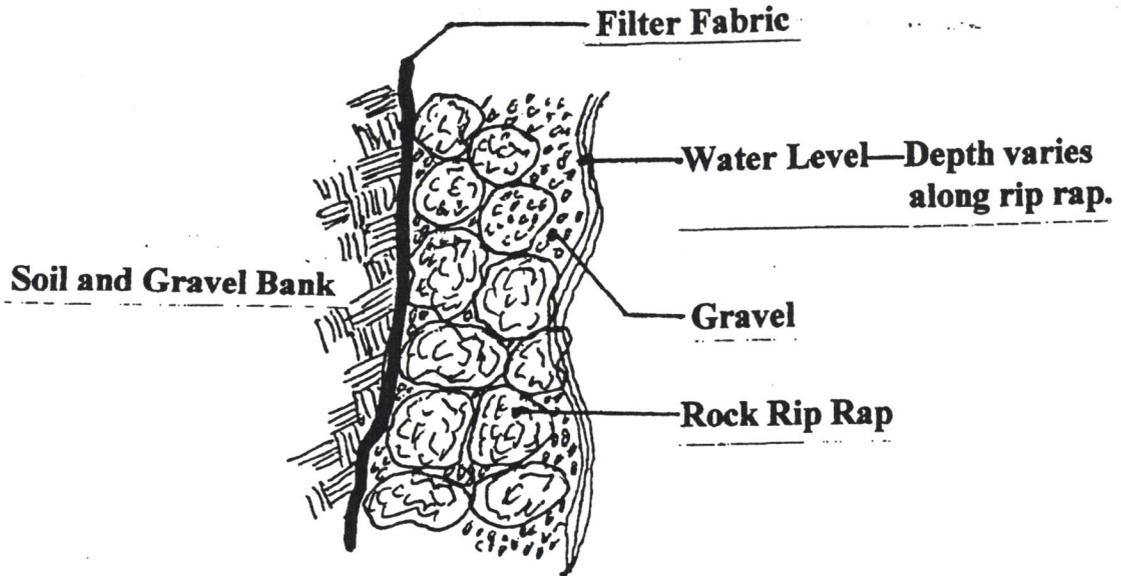


LEGEND

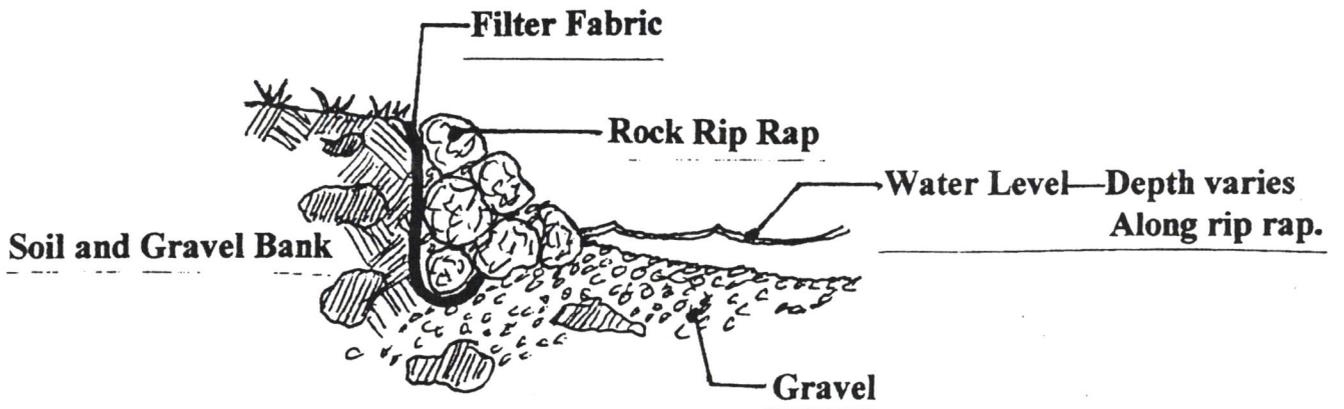
- Flathead National Forest
- National Forest Wilderness
- National Forest
- Glacier National Park
- National Fish and Wildlife Service
- National Wild, Scenic, or Recreation River
- Indian Reservation
- Other Federal
- State
- Columbia Falls Aluminum Company
- Plum Creek Timber Company
- National Forest Boundary
- Ranger District Boundary
- National Boundary
- County Boundary
- Special Area Boundary
- Wildlife Refuge Boundary



PROPOSED CONSTRUCTION



PLAN VIEW—No Scale



CROSS SECTION—No Scale

MARTY WATKINS



Montana Fish, Wildlife & Parks

Design and Construction Bureau
600 North Park Avenue
P.O. Box 200701
Helena, Montana 59620-0701

July 12, 1999

Paul Putz, Preservation Officer
State Historic Preservation Office
P.O. Box 201202
Helena, MT 59620-1201

RE: Logan and Wayfarers State Parks

Dear Paul:

Montana Fish, Wildlife and Parks is proposing to use state and matching federal funds from the USFWS to do park improvements at two state parks in the Kalispell area.

At Logan State Park the Department is proposing to replace two existing comfort stations, a storage building, modify the park entrance road, boat parking area and provide accessible parking and camping sites (see attached plan).

At Wayfarers State Park the Department proposes to replace and relocate the existing flush toilet (see attached plan).

Both these sites have been inventoried for cultural resources in the past, with no cultural resources being found. Department property records indicated that the existing buildings at Logan State Park were constructed in 1971 and the Wayfarers' building was constructed in 1973.

The Department believes that these two projects will have a low likelihood of impacting cultural resources. Please provide us with your comments regarding these two projects.

Sincerely,

PAUL VALLE
Cultural Resources Coordinator
Design & Construction Bureau

Attachment:

14 1999
STAW
99071405
RECEIVED
JUL 19 1999
DESIGN & CONSTRUCTION
DEPT. OF FISH, WILDLIFE & PARKS

RECEIVED BY THE DESIGN & CONSTRUCTION BUREAU
FOR THE APPLICANT LISTED TO
LEFT WITHIN PROJECT IMPACT AND
MONTANA STATE
7/15/99

FLATHEAD

THE CONFEDERATED SALISH AND KOOTENAI TRIBES
OF THE FLATHEAD NATION

P.O. Box 278
Pablo, Montana 59855
(406) 675-2700
FAX (406) 675-2806

HINKY WATKINS R1



NATION

Joseph E. Dupuis - Executive Secretary
Vern L. Clairmont - Executive Treasurer
Frederick Cordier - Sergeant-at-Arms



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AUG 20 1999

FW&P
REGION ONE

TRIBAL COUNCIL MEMBERS:

Michael T. Pablo - Chairman
D. Fred Matt - Vice Chairman
Carole J. Lankford - Secretary
Wm. Joseph Moran - Treasurer
Donald "Donny" Dupuis
Michael Durglo, Jr.
Jami Hamel
Mary Lefthand
Elmer "Sonny" Morigeau
Lloyd D. Irvine

August 16, 1999

Montana Fish Wildlife & Parks
Design and Construction Bureau
600 North Park Avenue
P.O. Box 200701
Helena, MT 59620-0701

Dear Paul

On August 5, 1999 I went out in the field and surveyed the projects that are scheduled for the Flathead area. I started at Wayfarers Park near Big Fork, this place doesn't have a high probably of having cultural material found, so I feel that the project will not cause any disturbance of any interest.

Next I visited McGregor Lake I feel that the first option should be used. The Kootenai People traveled this area extensively and there is a high probably of encountering cultural materials. In this case I would like to be informed of the ground disturbance, or when the project is scheduled to begin.

Little McGregor Lake was my next stop I also think that this place could yield cultural material. So again I ask to be informed of the start of this project.

Logan Park was the last stop on my trip, I don't think that there is a high possibility of cultural material showing up during the project. So in this case I wouldn't have to be notified of the ground disturbance.

I would like to thank you for consulting with the Tribal Preservation Office. I hope that we can do more business in the future. If there is anything I can help you with don't hesitate to call me, (406) 675-2700x1082.

Sincerely,-

Clarinda Burke
Tribal Preservation Assistant

RECEIVED

AUG 18 1999

DESIGN & CONSTRUCTION
DEPT. OF FISH, WILDLIFE & PARKS

APPENDIX # 5