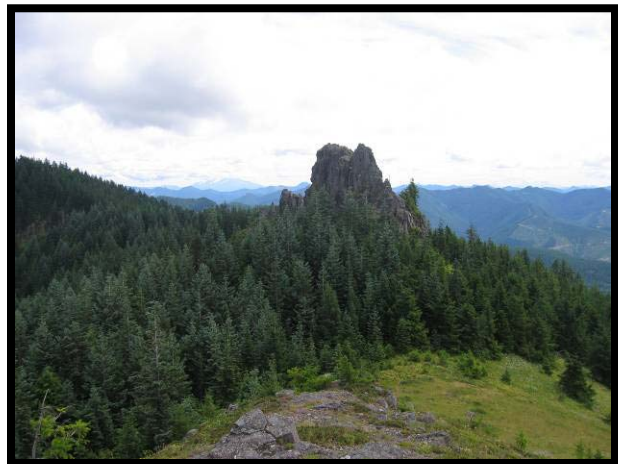

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey



Final Technical Report
May 2007

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BLM Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
Draft Technical Report

February 2007

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Introduction

The BLM Molalla River Recreation Area and Table Rock Wilderness Visitor Survey Final Technical Report presents findings from a cooperative social science research project designed to inform planning, management, and stewardship. BLM staff cooperated with researchers from the Arizona State University (ASU) School of Community Resources & Development. The project was supported by BLM Salem District, BLM Washington Office, and BLM National Landscape Conservation System. The Colorado Plateau Cooperative Ecosystem Studies Unit (CPCESU) facilitated the project through Assistance Agreement No. JSA041006, Task Order 1, as modified.

The data were collected to improve the information, services, and products that BLM provides. BLM managers use visitor survey data for planning and management of natural and cultural resources, for designing interpretive and educational exhibits and programs, planning for visitor amenities such as visitor centers, trails, and campgrounds. In conducting their planning, management, and monitoring services, managers use visitor survey data to allocate effectively their limited personnel and financial resources to the highest priority elements.

Research Team

The research team was led by Principal Investigators Dave White and Randy Virden from the ASU School of Community Resources and Development. Research assistants at ASU were Troy Waskey, Chelsea McKinney, Lynne Langelo, Caryn Masterson, and Carena van Riper. From the BLM, the team included Zach Jarrett, Mark Marshall, Stephanie Hylan, Josh Bechtold, Zach Anderson, and Harry Hansen.

Acknowledgements

Special thanks to Tony Mayfield, BLM Washington Office, Maria Goochis, BLM Utah State Office, and Zach Jarrett, BLM Salem District. We are extremely grateful to the Molalla River Recreation Corridor and Table Rock Wilderness visitors who participated in the study.

Survey Methods

Data were collected summer 2006 from current adult visitors to Molalla River Recreation Corridor and Table Rock Wilderness through on-site self-administered survey questionnaire (see Appendix I). The on-site visitor survey generated data about visitor characteristics, trip/visit characteristics, visitors' perceptions of their park experiences, and visitors' evaluations of park facilities, programs, and services.

The surveys were administered by ASU and BLM staff. During the sample periods, each group encountered was approached, and a visitor was asked to complete the questionnaire. Individual respondents were selected at random by asking for the member of the group who was 18 years or older who has had the most recent birthday. If the visitor refused, the survey administrator completed the on-site log for the contact, noting

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reason for refusal if offered. Visitors who accepted were provided the on-site survey to complete and the survey administrator was available to answer questions. The survey administrator collected the completed questionnaire and assured the respondent that the information provided will be kept completely confidential.



ASU research assistant Troy Waskey surveys a visitor

Surveyors achieved a **93% on-site response** rate resulting in a total of 351 completed questionnaires with 304 (86%) respondents being river visitors and 51 (14%) being wilderness visitors. There were no significant differences between respondents and non-respondents based upon gender, children present, or group size. Completed and usable questionnaires were coded and entered into a database and analyzed using Statistical Package for Social Sciences (SPSS) Version 14.0.

While the use of standardized questionnaires and probability sampling makes surveys especially well suited to describing the characteristics of a large population, survey research also has several limitations that should be noted and taken into account when interpreting the results. First, this study utilized a self-administered questionnaire and thus it is not possible to know if visitor responses reflect actual behavior. By administering the survey on-site during the actual park visit, this limitation is hopefully reduced. Second, although the sampling plan is designed to provide a reliable estimate of the visitor population, the study results are truly representative only of the visitors during the sample periods and do not necessarily apply to visitors during other times of the year. Thus, the findings should be considered a “snapshot” in time.

Executive Summary of Findings

- Overall, visitors report high levels of satisfaction: 89 percent reported being either satisfied or very satisfied.
- Over 80 percent of the visitors indicated that the recreation area was the main destination for their trip and 62 percent of the visitors are day users.
- The major attractions of this area to visitors are its natural qualities and features, close and convenient proximity to their home, and the opportunity for solitude.
- One half of the visitors recreate in groups of three or less; children (age 16 or less) are included in 42 percent of the groups that visit the area.
- The most popular activities in the Molalla River/Table Rock Wilderness are swimming, picnicking, trail hiking, and camping.
- The most important motives are viewing the scenic beauty, viewing the scenery, being close to nature, enjoying the sights and smells of nature, avoiding everyday responsibilities, getting away from the usual demands of life, experiencing tranquility, being with friends and being with members of my group.
- Visitors report being most satisfied with multiple use trails, day use areas, developed trail heads, and the availability of parking; the least satisfying were cleanliness and availability of restrooms and availability of off-highway trails.
- Visitors identified litter, trash dumping, and vandalism as the most significant recreation impacts.
- About two thirds of the visitors indicate that the current level of services and fees are appropriate.
- Visitors most prefer to see additional trail information/directional signs and informational kiosks in the area.
- The most important benefits perceived by visitors are a heightened sense of the natural world, greater protection of cultural history sites, a deeper sensitivity to local cultures, and improved family bonding

Detailed Findings

This section of the report presents the detailed frequency distributions for the survey items; that is, the number and percentage of respondents for each response category for each survey question. Tables present the frequency and valid percentages for each variable and are stratified by sampling location (River Corridor or Wilderness). The valid percentage is the percentage excluding missing values. Missing values occur when respondents do not answer all questions on the survey or when responses are unclear. This section also presents descriptive statistics including mean (average) and standard deviation for selected variables. For ease of interpretation, the report also includes figures for selected individual questions.

Respondent Demographics

River survey respondents included slightly more men than women and were fairly well educated; 94.5% had attained a high school diploma or higher level of education. Wilderness survey respondents included significantly more men than women and were very well educated; 60.5% had attained a Bachelor's degree or higher level of education.

For river visitors, 6.9% identified themselves as of Hispanic origin. For wilderness visitors, 2.0% identified themselves as of Hispanic origin.

Regarding ethnic identification, 100% of river visitors identified themselves as White whereas 94.4% of wilderness visitors identified themselves as White, 4.2% as American Indian or Alaskan Native, 0.7% as Black or African American, 0.4% as Asian, and 0.4% as Native Hawaiian or other Pacific Islander.

Gender

Survey Type			Frequency	Valid Percent
River	Valid	Male	159	54.3
		Female	134	45.7
		Total	293	100.0
	Missing	9.00	9	
		System	2	
		Total	11	
	Total		304	
Wilderness	Valid	Male	28	60.9
		Female	18	39.1
		Total	46	100.0
	Missing	9.00	5	
	Total		51	

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Highest level of education

Survey Type			Frequency	Valid Percent	
River	Valid	Less than high school	7	2.4	
		High school graduate	127	43.9	
		Technical school or Associates degree	84	29.1	
		Bachelor's degree	50	17.3	
		Master's degree	14	4.8	
		Ph.D., M.D., J.D., or equivalent	7	2.4	
		Total	289	100.0	
		Missing	9.00	13	
			System	2	
			Total	15	
	Total		304		
Wilderness	Valid	High school graduate	6	12.5	
		Technical school or Associates degree	13	27.1	
		Bachelor's degree	18	37.5	
		Master's degree	8	16.7	
		Ph.D., M.D., J.D., or equivalent	3	6.3	
		Total	48	100.0	
		Missing	9.00	3	
	Total		51		

Of Hispanic origin

Survey Type			Frequency	Valid Percent
River	Valid	Yes	20	6.9
		No	271	93.1
		Total	291	100.0
	Missing	9.00	12	
		System	1	
		Total	13	
	Total		304	
Wilderness	Valid	Yes	1	2.0
		No	49	98.0
		Total	50	100.0
	Missing	9.00	1	
		Total		51

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Racial identification

Survey Type			Frequency	Valid Percent
River	Valid	American Indian or Alaska Native	12	4.2
		Asian	1	.4
		Black or African American	2	.7
		Native Hawaiian or other Pacific Islander	1	.4
		White	268	94.4
		Total	284	100.0
	Missing	System	20	
	Total	304		
Wilderness	Valid	White	51	100.0

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City and State of Primary Residence			
City, State	Zip	Number	Percent
MOLALLA, OR	97038	52	14.65%
OREGON CITY, OR	97045	30	8.45%
WOODBURN, OR	97071	20	5.63%
CANBY, OR	97013	18	5.07%
MISSING	-	13	3.66%
WILSONVILLE, OR	97070	9	2.54%
PORTLAND, OR	97222	9	2.54%
PORTLAND, OR	97223	9	2.54%
WEST LINN, OR	97068	8	2.25%
TUALATIN, OR	97062	8	2.25%
BEAVERCREEK, OR	97002	8	2.25%
BEAVERCREEK, OR	97004	8	2.25%
PORTLAND, OR	97266	7	1.97%
PORTLAND, OR	97267	7	1.97%
SCOTTS MILLS, OR	97375	5	1.41%
SALEM, OR	97306	5	1.41%
PORTLAND, OR	97202	5	1.41%
PORTLAND, OR	97206	5	1.41%
MULINO, OR	97042	5	1.41%
HUBBARD, OR	97032	5	1.41%
SHERWOOD, OR	97140	4	1.13%
SALEM, OR	97302	4	1.13%
SALEM, OR	97303	4	1.13%
HILLSBORO, OR	97123	4	1.13%
GRESHAM, OR	97030	4	1.13%
COLTON, OR	97017	4	1.13%
SILVERTON, OR	97381	3	0.85%
SALEM, OR	97301	3	0.85%
PORTLAND, OR	97230	3	0.85%
PORTLAND, OR	97236	3	0.85%
NEWBERG, OR	97132	3	0.85%
GLADSTONE, OR	97027	3	0.85%
ESTACADA, OR	97023	3	0.85%
CLACKAMAS, OR	97015	3	0.85%
VANCOUVER, WA	98682	2	0.56%
SEATTLE, WA	98101	2	0.56%
SALEM, OR	97304	2	0.56%
PORTLAND, OR	97212	2	0.56%
PORTLAND, OR	97213	2	0.56%
PORTLAND, OR	97214	2	0.56%
PORTLAND, OR	97217	2	0.56%
PORTLAND, OR	97219	2	0.56%
PORTLAND, OR	97220	2	0.56%
PORTLAND, OR	97224	2	0.56%
PORTLAND, OR	97233	2	0.56%

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LAKE OSWEGO, OR	97035	2	0.56%
HILLSBORO, OR	97124	2	0.56%
GERVAIS, OR	97026	2	0.56%
CORVALLIS, OR	97333	2	0.56%
BEAVERTON, OR	97007	2	0.56%
ALBANY, OR	97322	2	0.56%
MISSING	8619	1	0.28%
KANSAS CITY, MO	64151	1	0.28%
SUN VALLEY, NV	87314	1	0.28%
SUN VALLEY, NV	89433	1	0.28%
RENO, NV	89511	1	0.28%
DIXON, CA	95620	1	0.28%
BEAVERTON, OR	97005	1	0.28%
BEAVERTON, OR	97006	1	0.28%
COLUMBIA CITY, OR	97018	1	0.28%
DUFUR, OR	97021	1	0.28%
EAGLE CREEK, OR	97022	1	0.28%
FAIRVIEW, OR	97024	1	0.28%
MARYLHURST, OR	97036	1	0.28%
GRESHAM, OR	97080	1	0.28%
HAPPY VALLEY, OR	97086	1	0.28%
AMITY, OR	97101	1	0.28%
MCMINNVILLE, OR	97128	1	0.28%
YAMHILL, OR	97148	1	0.28%
PORTLAND, OR	97201	1	0.28%
PORTLAND, OR	97203	1	0.28%
PORTLAND, OR	97227	1	0.28%
PORTLAND, OR	97232	1	0.28%
MISSING	97263	1	0.28%
SALEM, OR	97305	1	0.28%
SALEM, OR	97309	1	0.28%
CORVALLIS, OR	97330	1	0.28%
MOUNT ANGEL, OR	97362	1	0.28%
STAYTON, OR	97383	1	0.28%
CANYONVILLE, OR	97417	1	0.28%
EAGLE POINT, OR	97524	1	0.28%
MISSING	97831	1	0.28%
LA GRANDE, OR	97850	1	0.28%
MONUMENT, OR	97864	1	0.28%
LYNNWOOD, WA	98036	1	0.28%
CAMAS, WA	98607	1	0.28%
WOODLAND, WA	98674	1	0.28%
MISSING	972062	1	0.28%

Trip / Visit Characteristics

For river respondents, 77.3% were attracted to the area because of its natural qualities and features, while naturalness attracted 78.4% of wilderness respondents to the area.

Compared to wilderness respondents, river respondents were more likely to be attracted to the area by unique recreation activities and unique opportunities to socialize.

Compared to river respondents, wilderness respondents were more likely to be attracted to the area by an opportunity for solitude, natural qualities, and unique features, and a close and convenient location to home.

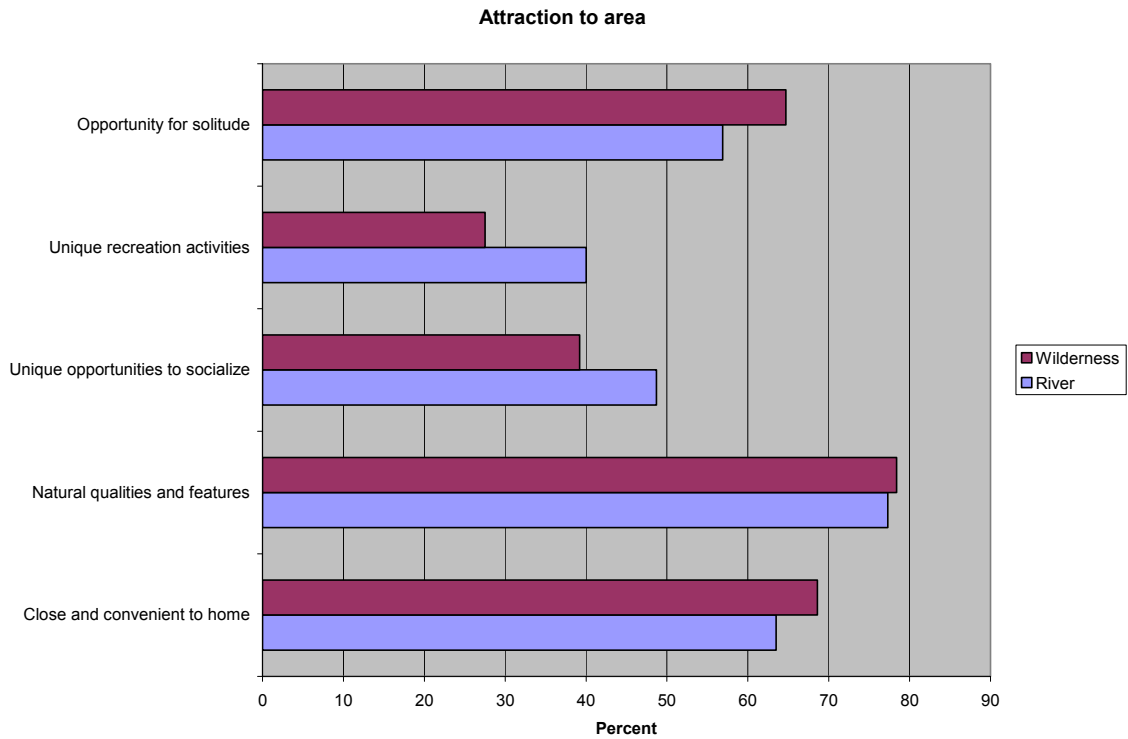
For more than seven out of ten river visitors Molalla River was the main destination of their trip. Regarding river visitor groups, 40.2% were traveling in groups of 2-3 people with 46.8% traveling with children under 16. For more than eight out of ten wilderness visitors Table Rock Wilderness was the main destination of their trip. More than half of wilderness visitors were traveling in groups of 2-3 people with 13.7% traveling with children under 16.

Just under half of the river visitors stayed overnight, and these visitors stayed for an average of 4.25 nights. Just over half of the river visitors were day use only and the average length of stay was 5.31 hours. For wilderness visitors, 93.3% were day use only and stayed for an average length of 4.66 hours.

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Attraction to area

Survey Type			Frequency	Valid Percent
River	Valid	Close and convenient to home	193	63.5
		Natural qualities and features	235	77.3
		Unique opportunities to socialize	148	48.7
		Unique recreation activities	124	40.0
		Opportunity for solitude	173	56.9
Wilderness	Valid	Close and convenient to home	35	68.6
		Natural qualities and features	40	78.4
		Unique opportunities to socialize	20	39.2
		Unique recreation activities	14	27.5
		Opportunity for solitude	33	64.7



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Description of visit

Survey Type			Frequency	Valid Percent	
River	Valid	Main destination	236	78.7	
		Multiple other destinations	46	15.3	
		Not a planned destination	18	6.0	
		Total	300	100.0	
	Missing	9.00	3		
		System	1		
		Total	4		
	Total		304		
	Wilderness	Valid	Main destination	45	88.2
			Multiple other destinations	4	7.8
Not a planned destination			2	3.9	
Total			51	100.0	

Number of people in personal group

Survey Type			Frequency	Valid Percent
River	Valid	Visiting alone	21	7.0
		2-3 people	121	40.2
		4-5 people	64	21.3
		6-10 people	69	22.9
		11-15 people	18	6.0
		More than 15 people	8	2.7
		Total	301	100.0
	Missing	9.00	2	
		System	1	
		Total	3	
Total		304		
Wilderness	Valid	Visiting alone	8	15.7
		2-3 people	26	51.0
		4-5 people	13	25.5
		6-10 people	4	7.8
		Total	51	100.0

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Number of people in personal group under 16

Survey Type			Frequency	Valid Percent
River	Valid	None	159	53.2
		1-2	92	30.8
		3-4	26	8.7
		5-6	19	6.4
		More than 6	3	1.0
		Total	299	100.0
	Missing	9.00	4	
		System	1	
		Total	5	
	Total			304
Wilderness	Valid	None	44	86.3
		1-2	4	7.8
		3-4	2	3.9
		5-6	1	2.0
		Total	51	100.0

Length of stay

Survey Type			Frequency	Valid Percent
River	Valid	Day use only	144	55.2
		Overnight use	117	44.8
		Total	261	100.0
	Missing	System	43	
	Total			304
Wilderness	Valid	Day use only	42	93.3
		Overnight use	3	6.7
		Total	45	100.0
	Missing	System	6	
Total			51	

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Length of stay in hours and days

Survey Type		N	Mean	Std. Deviation
River	Length of stay in number of hours	175	5.31	4.919
	Length of stay in number of nights	137	4.25	6.253
	Valid N (listwise)	19		
Wilderness	Length of stay in number of hours	46	4.66	1.687
	Length of stay in number of nights	5	.60	.548
	Valid N (listwise)	2		

Recreation activity participation

The most common activities the river respondents reported participating in were picnicking, swimming, and camping. In contrast, very few river respondents reported participating in visiting historical/cultural sites. The most common activities the wilderness respondents reported participating in were trail hiking and taking photographs. In contrast, very few wilderness respondents reported participating in rafting.

River respondents reported camping as their primary activity, while wilderness respondents reported trail hiking as their primary activity.

Recreation activities

Survey Type			Frequency	Valid Percent		
River	Valid	Picnicking	171	56.3		
		Target Shooting	59	19.4		
		Camping	153	50.3		
		Driving for pleasure / sightseeing	114	37.5		
		Rafting	38	12.5		
		Mountain Biking	34	11.2		
		Fishing	116	38.2		
		Trail Hiking	121	39.8		
		Horseback riding	42	13.8		
		Visiting historical / cultural sites	19	6.3		
		Wildlife viewing / birding	101	33.2		
		Swimming	207	68.1		
		Studying Nature	61	20.1		
		Taking Photographs	104	34.2		
		Other	45	14.8		
		Wilderness	Valid	Picnicking	24	47.1
				Camping	7	13.7
Driving for pleasure / sightseeing	14			27.5		
Rafting	1			2.0		
Mountain Biking	4			7.8		
Fishing	3			5.9		
Trail Hiking	44			86.3		
Horseback riding	4			7.8		
Visiting historical / cultural sites	3			5.9		
Wildlife viewing / birding	17			33.3		
Swimming	4			7.8		
Studying Nature	21			41.2		
Taking Photographs	31			60.8		
Other	3	5.9				

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Primary Activity

Survey Type			Frequency	Valid Percent	
River	Valid	Picnicking	7	3.0	
		Target Shooting	17	7.2	
		Camping	74	31.4	
		Driving for pleasure / sightseeing	7	3.0	
		Rafting	1	.4	
		Mountain Biking	7	3.0	
		Fishing	16	6.8	
		Trail Hiking	6	2.5	
		Canoeing / kayaking	1	.4	
		Horseback riding	24	10.2	
		Swimming	53	22.5	
		Studying Nature	1	.4	
		Taking Photographs	1	.4	
		Other	21	8.9	
		Total	236	100.0	
		Missing	System	68	
		Total		304	
Wilderness	Valid	Camping	1	7.7	
		Mountain Biking	2	15.4	
		Trail Hiking	10	76.9	
		Total	13	100.0	
		Missing	System	38	
Total		51			

Recreation Experience Preferences / Motives

Recreation experience preferences/motives were measured by seven subscales. Respondents were asked to rate the importance of items on a five point scale ranging from 1 (Not at all important) to 5 (Extremely important). Based on mean scores, the most highly rated individual items by river respondents were: to view the scenery, to view the scenic beauty, and to be close to nature. Based on mean scores, the most highly rated individual items by wilderness respondents were: to view the scenery and to view the scenic beauty.

River and wilderness respondents rated nature enjoyment as the most important preference/motive to recreate at the Molalla River and the Table Rock Wilderness.

For river respondents, 28.6% rated be challenged as a very unimportant preference/motive and 20.4% rated it as an unimportant preference/motive to recreate. Over half of wilderness respondents rated be challenged as an important or very important preference/motive to recreate.

The majority of river respondents rated view the scenery as an important or very important preference/motive to recreate. For wilderness respondents, 70.6% rate view the scenery as a very important preference/motive to recreate.

For river respondents, 24.1% rated have thrills as an important preference/motive and 23.7% rated it as a very important preference/motive to recreate. For wilderness respondents, 48% rated have thrills as a neither unimportant nor important preference/motive to recreate.

The majority of river respondents rated experience tranquility as an important or very important preference/motive to recreate. For wilderness respondents, 50% rated experience tranquility as an important preference/motive to recreate.

For river respondents, 54.4% rated avoid everyday responsibilities as a very important preference/motive to recreate. The majority of wilderness respondents rated avoid everyday responsibilities as an important or very important preference/motive to recreate.

For river respondents, 31 % rated get exercise as an important preference/motive and 27.2% rated it as a very important preference/motive to recreate. More than half of wilderness respondents rated get exercise as an important or very important preference/motive to recreate.

For river respondents, 29.7% rated think about personal values as an important preference/motive and 16.6% rated it as a very important preference/motive to recreate. For wilderness respondents, 40% rated think about personal values as a nether unimportant or important preference/motive to recreate.

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For river respondents, 51.0% rated be with friends as a very important preference/motive to recreate. For wilderness respondents, 34% rated be with friends as an important preference/motive and 30% rated it as a very important preference/motive to recreate.

For river respondents, 30.9% rated developed my skills as a neither unimportant nor important preference/motive to recreate. For wilderness respondents, 40% rated develop my skills as an important preference/motive to recreate.

Half of all river respondents rated view the scenic beauty as a very important preference/motive to recreate. Three fourths of all wilderness respondents rated view the scenic beauty as a very important preference/motive to recreate.

For river respondents, 48.1% rated be with members of my group as a very important preference/motive to recreate. For wilderness respondents, 37.3% rated be with members of my group as an important preference/motive to recreate.

For river respondents, 48.3% rated enjoy the smells and sounds of nature as a very important preference/motive to recreate. For wilderness respondents, 41.2% rated enjoy the smells and sounds of nature as an important preference/motive and 43.1% rated it as a very important preference/motive to recreate.

For river respondents, 33.3% rated experience solitude as an important preference/motive and 38.2% rated it as a very important preference/motive to recreate. For wilderness respondents, 36.7% rated experience solitude as an important preference/motive and 32.7% as a very important preference/motive to recreate.

For river respondents, 37.4% rated think about who I am as a neither unimportant nor important preference/motive to recreate. For wilderness respondents, 53.1% rated think about who I am as a neither unimportant nor important preference/motive to recreate.

For river respondents, 37.5% rated bring my family closer together as a very important preference/motive to recreate. For wilderness respondents, 24.5% rated bring my family closer together as an important preference/motive and 18.4% rated it as a very important preference/motive to recreate.

Half of the river respondents rated get away from the usual demands of life as a very important preference/motive to recreate. For wilderness respondents, 42% rated get away from the usual demands of life as an important preference/motive and 32% rated it as a very important preference/motive to recreate.

For river respondents, 32.4% rated experience excitement as an important preference/motive and 25.5% rated it as a very important preference/motive to recreate. For wilderness respondents, 40% rated experience excitement as a neither unimportant nor important preference/motive to recreate.

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About half of river and wilderness respondents rated to be close to nature as a very important preference/motive to recreate.

For river respondents, 46.4% rated do something with my family as a very important preference/motive to recreate. For wilderness respondents, 34% rated do something with my family as an important preference/motive and 25.5% rated it as a very important preference/motive to recreate.

Overall, visitors did not feel crowded at the Molalla River or Table Rock Wilderness area.

Recreation experience preferences / motives (individual items)

Survey Type		Frequency	Mean	Std. Deviation
River	Be challenged	280	2.5214	1.26132
	View the scenery	294	4.2619	.93260
	Have thrills	278	3.3525	1.29628
	Experience tranquility	283	4.1590	1.07823
	Avoid everyday responsibilities	294	4.2313	1.06811
	Get exercise	290	3.6138	1.19507
	Think about personal values	283	3.2756	1.22402
	Be with friends	289	4.2111	1.07064
	Develop my skills and abilities	285	3.1544	1.25205
	View the scenic beauty	294	4.3231	.94255
	Be with members of my group	293	4.0512	1.19679
	Enjoy the smells and sounds of nature	294	4.2109	1.03013
	Experience solitude	288	3.9306	1.13022
	Think about who I am	286	3.0769	1.23161
	Bring my family closer together	288	3.7743	1.27196
	Keep physically fit	288	3.3854	1.21003
	Get away from the usual demands of life	296	4.2297	1.03560
	Experience excitement	290	3.5517	1.22788
	Be close to nature	294	4.2449	1.00233
	Do something with my family	289	3.9619	1.26735
Valid N (listwise)	247			

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
Final Technical Report

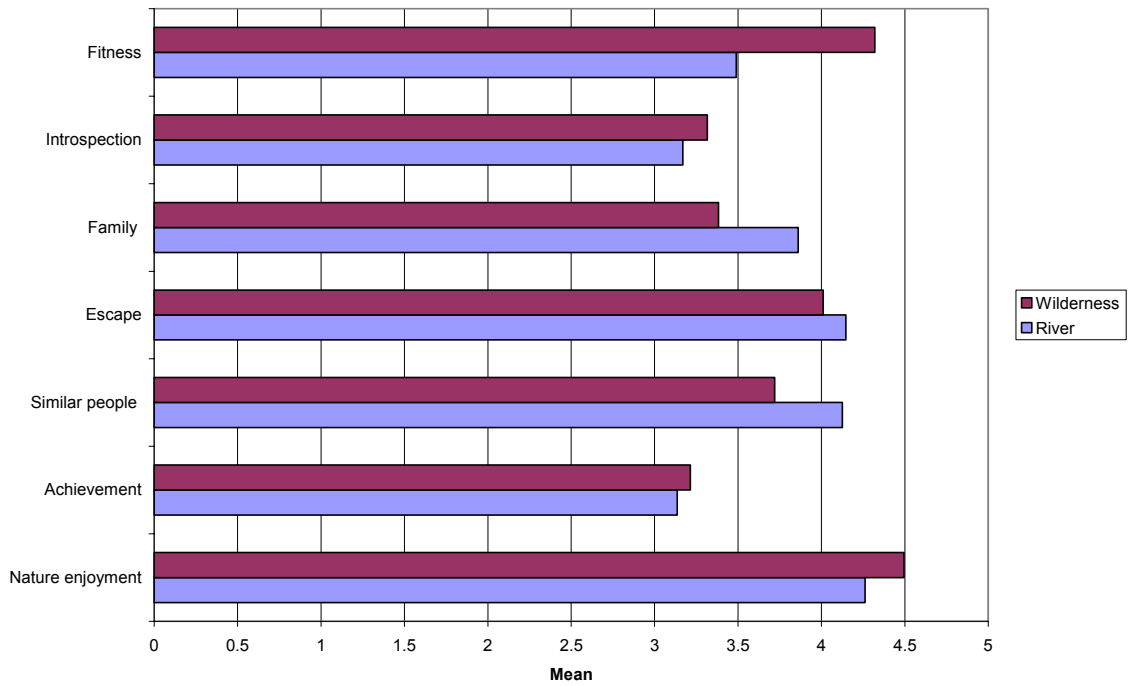
Wilderness	Be challenged	49	3.6327	.88256
	View the scenery	51	4.6078	.75042
	Have thrills	50	2.8400	1.05676
	Experience tranquility	50	4.1600	.81716
	Avoid everyday responsibilities	48	4.0000	.98930
	Get exercise	51	4.3529	.84436
	Think about personal values	50	3.3400	1.02240
	Be with friends	50	3.6800	1.25259
	Develop my skills and abilities	50	3.2800	1.03095
	View the scenic beauty	51	4.7059	.54015
	Be with members of my group	51	3.7451	1.18056
	Enjoy the smells and sounds of nature	51	4.2549	.77054
	Experience solitude	49	3.9184	.99659
	Think about who I am	49	3.2857	.91287
	Bring my family closer together	49	3.2041	1.30671
	Keep physically fit	50	4.3000	.81441
	Get away from the usual demands of life	50	3.9800	.93656
	Experience excitement	50	3.1000	1.01519
	Be close to nature	49	4.3469	.72316
	Do something with my family	47	3.5106	1.33306
Valid N (listwise)	43			

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Recreation experience preferences / motives (subscales)

Survey Type		N	Mean	Std. Deviation
River	Nature enjoyment	290	4.2621	.86918
	Achievement	268	3.1353	.90909
	Similar people	287	4.1254	1.04360
	Escape	279	4.1461	.89309
	Family	286	3.8601	1.21959
	Introspection	281	3.1690	1.12872
	Fitness	285	3.4895	1.12973
	Valid N (listwise)	247		
Wilderness	Nature enjoyment	49	4.4949	.53153
	Achievement	49	3.2143	.69034
	Similar people	50	3.7200	1.13461
	Escape	46	4.0109	.74154
	Family	47	3.3830	1.27353
	Introspection	49	3.3163	.81454
	Fitness	50	4.3200	.81291
	Valid N (listwise)	43		

Recreation experience preferences / motives (subscales)



Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Be challenged

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	80	28.6
		Unimportant	57	20.4
		Neither unimportant nor important	84	30.0
		Important	35	12.5
		Very important	24	8.6
		Total	280	100.0
	Missing	9.00	23	
		System	1	
		Total	24	
	Total		304	
	Wilderness	Valid	Very unimportant	1
Unimportant			2	4.1
Neither unimportant nor important			19	38.8
Important			19	38.8
Very important			8	16.3
Total			49	100.0
Missing		9.00	2	
Total		51		

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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View the scenery

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	10	3.4
		Unimportant	5	1.7
		Neither unimportant nor important	24	8.2
		Important	114	38.8
		Very important	141	48.0
		Total	294	100.0
	Missing	9.00	9	
		System	1	
		Total	10	
		Total	304	
Wilderness	Valid	Very unimportant	1	2.0
		Neither unimportant nor important	2	3.9
		Important	12	23.5
		Very important	36	70.6
		Total	51	100.0

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Have thrills

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	34	12.2
		Unimportant	33	11.9
		Neither unimportant nor important	78	28.1
		Important	67	24.1
		Very important	66	23.7
		Total	278	100.0
	Missing	9.00	25	
		System	1	
		Total	26	
		Total	304	
Wilderness	Valid	Very unimportant	7	14.0
		Unimportant	8	16.0
		Neither unimportant nor important	24	48.0
		Important	8	16.0
		Very important	3	6.0
		Total	50	100.0
	Missing	9.00	1	
Total	51			

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Experience tranquility

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	14	4.9
		Unimportant	11	3.9
		Neither unimportant nor important	28	9.9
		Important	93	32.9
		Very important	137	48.4
		Total	283	100.0
	Missing	9.00	20	
		System	1	
		Total	21	
		Total	304	
Wilderness	Valid	Unimportant	3	6.0
		Neither unimportant nor important	4	8.0
		Important	25	50.0
		Very important	18	36.0
		Total	50	100.0
	Missing	9.00	1	
	Total	51		

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Avoid everyday responsibilities

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	14	4.8
		Unimportant	7	2.4
		Neither unimportant nor important	36	12.2
		Important	77	26.2
		Very important	160	54.4
		Total	294	100.0
	Missing	9.00	9	
		System	1	
		Total	10	
	Total			304
Wilderness	Valid	Unimportant	5	10.4
		Neither unimportant nor important	8	16.7
		Important	17	35.4
		Very important	18	37.5
		Total	48	100.0
	Missing	9.00	3	
	Total			51

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Get exercise

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	23	7.9
		Unimportant	24	8.3
		Neither unimportant nor important	74	25.5
		Important	90	31.0
		Very important	79	27.2
		Total	290	100.0
	Missing	9.00	13	
		System	1	
		Total	14	
	Total			304
Wilderness	Valid	Very unimportant	1	2.0
		Unimportant	1	2.0
		Neither unimportant nor important	3	5.9
		Important	20	39.2
		Very important	26	51.0
		Total	51	100.0

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Think about personal values

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	36	12.7
		Unimportant	28	9.9
		Neither unimportant nor important	88	31.1
		Important	84	29.7
		Very important	47	16.6
		Total	283	100.0
	Missing	9.00	20	
		System	1	
		Total	21	
	Total			304
Wilderness	Valid	Very unimportant	2	4.0
		Unimportant	7	14.0
		Neither unimportant nor important	20	40.0
		Important	14	28.0
		Very important	7	14.0
		Total	50	100.0
	Missing	9.00	1	
Total			51	

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Be with friends

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	14	4.8
		Unimportant	10	3.5
		Neither unimportant nor important	27	9.3
		Important	88	30.4
		Very important	150	51.9
		Total	289	100.0
	Missing	9.00	14	
		System	1	
		Total	15	
	Total			304
Wilderness	Valid	Very unimportant	5	10.0
		Unimportant	3	6.0
		Neither unimportant nor important	10	20.0
		Important	17	34.0
		Very important	15	30.0
		Total	50	100.0
	Missing	9.00	1	
Total			51	

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Develop my skills and abilities

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	40	14.0
		Unimportant	39	13.7
		Neither unimportant nor important	88	30.9
		Important	73	25.6
		Very important	45	15.8
		Total	285	100.0
	Missing	9.00	18	
		System	1	
		Total	19	
	Total			304
Wilderness	Valid	Very unimportant	3	6.0
		Unimportant	8	16.0
		Neither unimportant nor important	15	30.0
		Important	20	40.0
		Very important	4	8.0
		Total	50	100.0
	Missing	9.00	1	
Total			51	

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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View the scenic beauty

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	12	4.1
		Unimportant	2	.7
		Neither unimportant nor important	20	6.8
		Important	105	35.7
		Very important	155	52.7
		Total	294	100.0
	Missing	9.00	9	
		System	1	
		Total	10	
	Total			304
Wilderness	Valid	Neither unimportant nor important	2	3.9
		Important	11	21.6
		Very important	38	74.5
		Total	51	100.0

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Be with members of my group

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	22	7.5
		Unimportant	10	3.4
		Neither unimportant nor important	40	13.7
		Important	80	27.3
		Very important	141	48.1
		Total	293	100.0
	Missing	9.00	10	
		System	1	
		Total	11	
	Total			304
Wilderness	Valid	Very unimportant	4	7.8
		Unimportant	3	5.9
		Neither unimportant nor important	10	19.6
		Important	19	37.3
		Very important	15	29.4
		Total	51	100.0

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Enjoy the smells and sounds of nature

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	15	5.1
		Unimportant	6	2.0
		Neither unimportant nor important	23	7.8
		Important	108	36.7
		Very important	142	48.3
		Total	294	100.0
	Missing	9.00	9	
		System	1	
		Total	10	
		Total	304	
Wilderness	Valid	Unimportant	1	2.0
		Neither unimportant nor important	7	13.7
		Important	21	41.2
		Very important	22	43.1
		Total	51	100.0

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Experience solitude

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	16	5.6
		Unimportant	16	5.6
		Neither unimportant nor important	50	17.4
		Important	96	33.3
		Very important	110	38.2
		Total	288	100.0
	Missing	9.00	15	
		System	1	
		Total	16	
	Total			304
Wilderness	Valid	Very unimportant	1	2.0
		Unimportant	3	6.1
		Neither unimportant nor important	11	22.4
		Important	18	36.7
		Very important	16	32.7
		Total	49	100.0
	Missing	9.00	2	
Total			51	

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Think about who I am

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	43	15.0
		Unimportant	35	12.2
		Neither unimportant nor important	107	37.4
		Important	59	20.6
		Very important	42	14.7
		Total	286	100.0
	Missing	9.00	17	
		System	1	
		Total	18	
	Total			304
Wilderness	Valid	Very unimportant	1	2.0
		Unimportant	6	12.2
		Neither unimportant nor important	26	53.1
		Important	10	20.4
		Very important	6	12.2
		Total	49	100.0
	Missing	9.00	2	
Total			51	

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Bring my family closer together

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	29	10.1
		Unimportant	12	4.2
		Neither unimportant nor important	62	21.5
		Important	77	26.7
		Very important	108	37.5
		Total	288	100.0
	Missing	9.00	15	
		System	1	
		Total	16	
		Total	304	
Wilderness	Valid	Very unimportant	8	16.3
		Unimportant	4	8.2
		Neither unimportant nor important	16	32.7
		Important	12	24.5
		Very important	9	18.4
		Total	49	100.0
	Missing	9.00	2	
Total	51			

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Keep physically fit

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	32	
		Unimportant	25	
		Neither unimportant nor important	86	
		Important	90	
		Very important	55	
		Total	288	
	Missing	9.00	15	
		System	1	
		Total	16	
		Total	304	
Wilderness	Valid	Very unimportant	1	
		Neither unimportant nor important	5	
		Important	21	
		Very important	23	
		Total	50	
	Missing	9.00	1	
Total	51			

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Get away from the usual demands of life

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	15	5.1
		Unimportant	6	2.0
		Neither unimportant nor important	24	8.1
		Important	102	34.5
		Very important	149	50.3
		Total	296	100.0
	Missing	9.00	7	
		System	1	
		Total	8	
	Total			304
Wilderness	Valid	Very unimportant	1	2.0
		Unimportant	2	4.0
		Neither unimportant nor important	10	20.0
		Important	21	42.0
		Very important	16	32.0
		Total	50	100.0
	Missing	9.00	1	
Total			51	

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Experience excitement

Survey Type			Frequency	Valid Percent	
River	Valid	Very unimportant	26	9.0	
		Unimportant	30	10.3	
		Neither unimportant nor important	66	22.8	
		Important	94	32.4	
		Very important	74	25.5	
		Total	290	100.0	
	Missing	9.00	13		
		System	1		
		Total	14		
	Total			304	
	Wilderness	Valid	Very unimportant	4	8.0
Unimportant			8	16.0	
Neither unimportant nor important			20	40.0	
Important			15	30.0	
Very important			3	6.0	
Total			50	100.0	
Missing		9.00	1		
Total			51		

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Be close to nature

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	13	4.4
		Unimportant	4	1.4
		Neither unimportant nor important	30	10.2
		Important	98	33.3
		Very important	149	50.7
		Total	294	100.0
	Missing	9.00	9	
		System	1	
		Total	10	
	Total		304	
Wilderness	Valid	Neither unimportant nor important	7	14.3
		Important	18	36.7
		Very important	24	49.0
		Total	49	100.0
	Missing	9.00	2	
		Total	51	

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Do something with my family

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	28	9.7
		Unimportant	8	2.8
		Neither unimportant nor important	45	15.6
		Important	74	25.6
		Very important	134	46.4
		Total	289	100.0
	Missing	9.00	14	
		System	1	
		Total	15	
	Total			304
Wilderness	Valid	Very unimportant	7	14.9
		Unimportant	2	4.3
		Neither unimportant nor important	10	21.3
		Important	16	34.0
		Very important	12	25.5
		Total	47	100.0
	Missing	9.00	4	
Total			51	

Crowding

	N	Mean	Std. Deviation
Crowding	352	2.9119	2.14188

Visitor Satisfaction

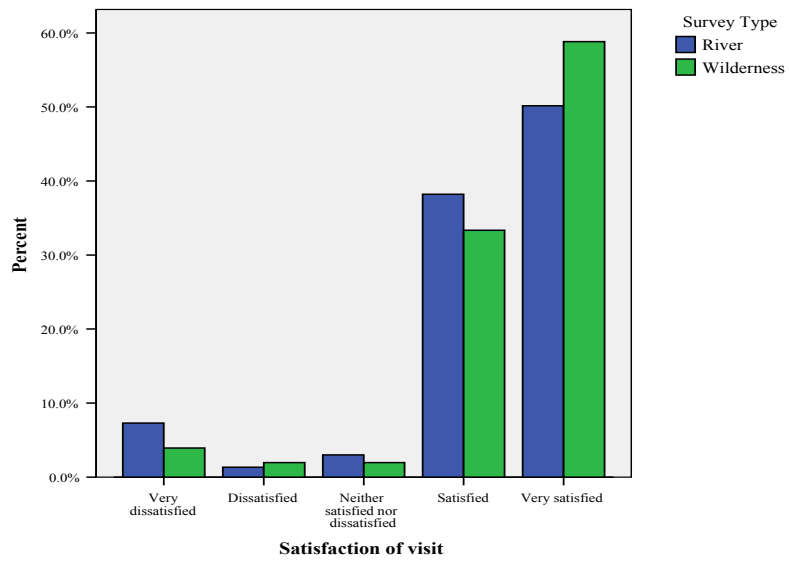
Overall Satisfaction

Overall, the majority of river visitors were satisfied or very satisfied with their visit to the Molalla River. Overall, more than half of wilderness respondents were very satisfied with their visit to the Table Rock Wilderness area.

Satisfaction of visit

Survey Type			Frequency	Valid Percent
River	Valid	Very dissatisfied	22	7.3
		Dissatisfied	4	1.3
		Neither satisfied nor dissatisfied	9	3.0
		Satisfied	115	38.2
		Very satisfied	151	50.2
		Total	301	100.0
	Missing	9.00	2	
		System	1	
		Total	3	
	Total			304
Wilderness	Valid	Very dissatisfied	2	3.9
		Dissatisfied	1	2.0
		Neither satisfied nor dissatisfied	1	2.0
		Satisfied	17	33.3
		Very satisfied	30	58.8
		Total	51	100.0

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Satisfaction with programs, facilities, and services

Respondents were asked to rate the importance of a variety of programs, facilities, and services and their level of satisfaction with current conditions. Based on mean scores, river respondents were most satisfied with the multiple use trails and the day use area. Based on mean scores, wilderness respondents were most satisfied with the availability of park, but least satisfied with the cleanliness of restrooms. Compared with river respondents, wilderness respondents were more satisfied with availability of park, presence of agency personnel, and the availability of restrooms. Compared with wilderness respondents, river respondents were more satisfied with overnight camping sites, day use area, multiple use trails, and cleanliness of rest rooms.

For river respondents, 29% were satisfied and 7.5% were very satisfied with the cleanliness of restrooms. For wilderness respondents, 47.6% were neither satisfied nor dissatisfied with the cleanliness of restrooms.

Just over one third of river respondents were satisfied or very satisfied with the availability of restrooms. For wilderness respondents, 48% were neither satisfied nor dissatisfied with the availability of restrooms.

About two thirds of river respondents were satisfied or very satisfied with the presence of agency personnel. Two thirds of wilderness respondents were satisfied or very satisfied with the presence of agency personnel.

For river respondents, 38.9% were satisfied and 35.4% were very satisfied with multiple use trails. About half of the wilderness respondents were satisfied with multiple use trails.

Three fourths of river respondents were satisfied or very satisfied with day use areas. For wilderness respondents, 68% were satisfied with day use areas.

For river respondents, 27.1% were satisfied and 35.3% were very satisfied with overnight camping sites. For wilderness respondents, 44.4% were satisfied with overnight camping sites.

More than two thirds of river respondents were satisfied or very satisfied with developed trail heads. For wilderness respondents, 52.1% were neither satisfied nor dissatisfied with developed trail heads.

More than two thirds of river respondents were satisfied or very satisfied with the availability of parking. For wilderness respondents, 48% were satisfied and 32% were very satisfied with the availability of parking.

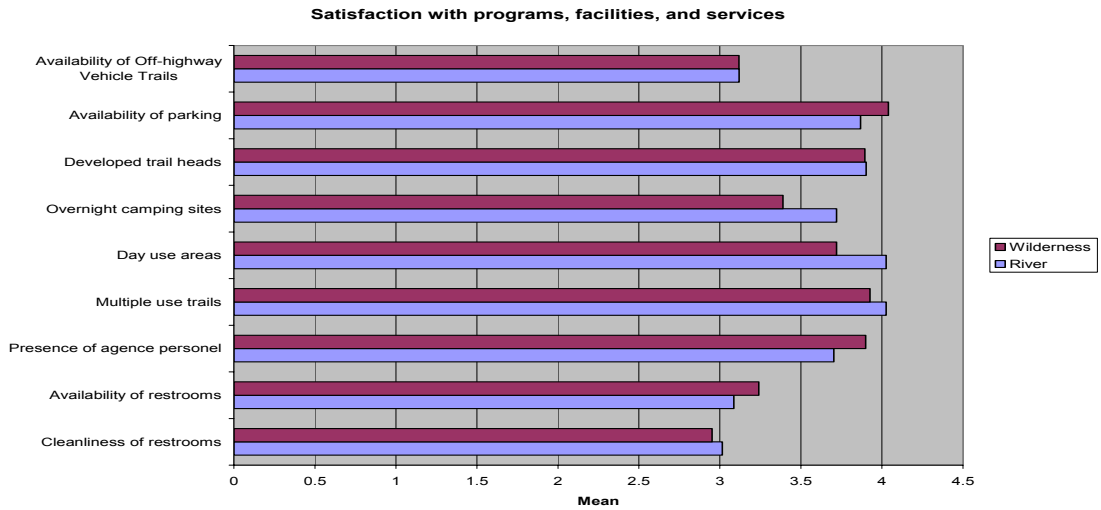
For river respondents, 39.4% were neither satisfied nor dissatisfied with the availability of Off-Highway Vehicle trails. More than half of wilderness respondents were neither satisfied nor dissatisfied with the availability of Off-Highway Vehicle trails.

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Satisfaction with programs, facilities, and services

Survey Type		N	Mean	Std. Deviation
River	Cleanliness of restrooms	200	3.0150	1.12744
	Availability of restrooms	231	3.0866	1.14259
	Presence of agency personnel	239	3.7029	.96994
	Multiple use trails	226	4.0265	.93295
	Day use areas	230	4.0261	.97534
	Overnight camping sites	221	3.7195	1.25518
	Developed trail heads	215	3.9023	.89377
	Availability of parking	282	3.8688	1.01263
	Availability of Off-highway Vehicle Trails	160	3.1188	1.19418
	Valid N (listwise)	100		
Wilderness	Cleanliness of restrooms	21	2.9524	1.20317
	Availability of restrooms	25	3.2400	.92556
	Presence of agency personnel	40	3.9000	.84124
	Multiple use trails	41	3.9268	.81824
	Day use areas	25	3.7200	.61373
	Overnight camping sites	18	3.3889	.91644
	Developed trail heads	48	3.8958	.92804
	Availability of parking	50	4.0400	.87970
	Availability of Off-highway Vehicle Trails	17	3.1176	.78121
	Valid N (listwise)	6		

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Cleanliness of restrooms

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	25	12.5
		Dissatisfied	35	17.5
		Neither satisfied nor dissatisfied	67	33.5
		Satisfied	58	29.0
		Very Satisfied	15	7.5
		Total	200	100.0
	Missing	Don't know/didn't use	98	
		9.00	5	
		System	1	
		Total	104	
	Total		304	
Wilderness	Valid	Very Dissatisfied	4	19.0
		Dissatisfied	1	4.8
		Neither satisfied nor dissatisfied	10	47.6
		Satisfied	4	19.0
		Very Satisfied	2	9.5
		Total	21	100.0
	Missing	Don't know/didn't use	29	
		9.00	1	
Total		30		
Total		51		

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Availability of restrooms

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	23	10.0
		Dissatisfied	48	20.8
		Neither satisfied nor dissatisfied	70	30.3
		Satisfied	66	28.6
		Very Satisfied	24	10.4
		Total	231	100.0
	Missing	Don't know/didn't use	67	
		9.00	5	
		System	1	
		Total	73	
Total			304	
Wilderness	Valid	Very Dissatisfied	1	4.0
		Dissatisfied	3	12.0
		Neither satisfied nor dissatisfied	12	48.0
		Satisfied	7	28.0
		Very Satisfied	2	8.0
		Total	25	100.0
	Missing	Don't know/didn't use	25	
		9.00	1	
Total			26	
Total			51	

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Presence of agency personnel

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	9	3.8
		Dissatisfied	9	3.8
		Neither satisfied nor dissatisfied	77	32.2
		Satisfied	93	38.9
		Very Satisfied	51	21.3
		Total	239	100.0
	Missing	Don't know/didn't use	50	
		9.00	14	
		System	1	
		Total	65	
		Total	304	
Wilderness	Valid	Dissatisfied	1	2.5
		Neither satisfied nor dissatisfied	13	32.5
		Satisfied	15	37.5
		Very Satisfied	11	27.5
	Total	40	100.0	
	Missing	Don't know/didn't use	10	
		9.00	1	
Total		11		
Total			51	

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Multiple use trails

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	5	2.2
		Dissatisfied	6	2.7
		Neither satisfied nor dissatisfied	47	20.8
		Satisfied	88	38.9
		Very Satisfied	80	35.4
		Total	226	100.0
	Missing	Don't know/didn't use	69	
		9.00	8	
		System	1	
		Total	78	
Total		304		
Wilderness	Valid	Dissatisfied	2	4.9
		Neither satisfied nor dissatisfied	9	22.0
		Satisfied	20	48.8
		Very Satisfied	10	24.4
		Total	41	100.0
	Missing	Don't know/didn't use	10	
Total		51		

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Day use areas

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	5	2.2
		Dissatisfied	12	5.2
		Neither satisfied nor dissatisfied	40	17.4
		Satisfied	88	38.3
		Very Satisfied	85	37.0
		Total	230	100.0
	Missing	Don't know/didn't use	66	
		9.00	7	
		System	1	
		Total	74	
Total			304	
Wilderness	Valid	Dissatisfied	1	4.0
		Neither satisfied nor dissatisfied	6	24.0
		Satisfied	17	68.0
		Very Satisfied	1	4.0
		Total	25	100.0
	Missing	Don't know/didn't use	26	
Total			51	

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Overnight camping sites

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	16	7.2
		Dissatisfied	25	11.3
		Neither satisfied nor dissatisfied	42	19.0
		Satisfied	60	27.1
		Very Satisfied	78	35.3
		Total	221	100.0
	Missing	Don't know/didn't use	79	
		9.00	3	
		System	1	
		Total	83	
		Total	304	
Wilderness	Valid	Very Dissatisfied	1	5.6
		Dissatisfied	1	5.6
		Neither satisfied nor dissatisfied	7	38.9
		Satisfied	8	44.4
		Very Satisfied	1	5.6
		Total	18	100.0
	Missing	Don't know/didn't use	32	
		9.00	1	
Total	Total	33		
Total	Total	51		

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Developed trail heads

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	2	.9
		Dissatisfied	11	5.1
		Neither satisfied nor dissatisfied	52	24.2
		Satisfied	91	42.3
		Very Satisfied	59	27.4
		Total	215	100.0
	Missing	Don't know/didn't use	80	
		9.00	8	
		System	1	
		Total	89	
		Total	304	
Wilderness	Valid	Dissatisfied	6	12.5
		Neither satisfied nor dissatisfied	5	10.4
		Satisfied	25	52.1
		Very Satisfied	12	25.0
	Missing	Total	48	100.0
		Don't know/didn't use	2	
		9.00	1	
		Total	3	
Total	51			

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Availability of parking

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	5	1.8
		Dissatisfied	26	9.2
		Neither satisfied nor dissatisfied	57	20.2
		Satisfied	107	37.9
		Very Satisfied	87	30.9
		Total	282	100.0
	Missing	Don't know/didn't use	14	
		9.00	7	
		System	1	
		Total	22	
		Total	304	
Wilderness	Valid	Dissatisfied	4	8.0
		Neither satisfied nor dissatisfied	6	12.0
		Satisfied	24	48.0
		Very Satisfied	16	32.0
		Total	50	100.0
	Missing	9.00	1	
Total	51			

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Availability of Off-highway Vehicle Trails

Survey Type			Frequency	Valid Percent
River	Valid	Very Dissatisfied	20	12.5
		Dissatisfied	21	13.1
		Neither satisfied nor dissatisfied	63	39.4
		Satisfied	32	20.0
		Very Satisfied	24	15.0
		Total	160	100.0
	Missing	Don't know/didn't use	136	
		9.00	7	
		System	1	
		Total	144	
Total			304	
Wilderness	Valid	Very Dissatisfied	1	5.9
		Dissatisfied	1	5.9
		Neither satisfied nor dissatisfied	10	58.8
		Satisfied	5	29.4
		Total	17	100.0
	Missing	Don't know/didn't use	32	
		9.00	2	
Total			34	
Total			51	

Perceptions of Recreation Impacts

Respondents were asked to rate their perceptions of recreation impacts on a scale of 1 (not a problem) to 5 (very serious problem). Based on the means, river respondents said litter and trash dumping were the biggest recreation impacts. Based on the means, wilderness respondents said erosion of trails and vandalism were the biggest recreation impacts. Compare to wilderness respondents, river respondents felt there were more negative recreation impacts.

Two thirds of river respondents felt erosion of trails was not a problem or a slight problem. For wilderness respondents, 38% felt erosion of trails was a slight problem and 32% said it was not a problem.

For river respondents, 26.5% felt litter was a very serious problem, and 18.4% said it was a problem. For wilderness respondents, 60.4% felt litter was not a problem.

For river respondents, 18.5% felt trash dumping was a serious problem, and 24% said it was a very serious problem. Just over two thirds of wilderness respondents felt trash dumping was not a problem.

Water pollution was considered not a problem by 48.6% of river respondents and 79.5% of wilderness respondents.

Trampling/removal of vegetation was considered not a problem by 48.2% of river respondents and 60.4% of wilderness respondents.

Over half of river respondents felt that stream bank disturbance was not a problem. Three fourths of wilderness respondents felt that stream bank disturbance was not a problem.

The majority of river and wilderness respondents felt that too many roads was not a problem.

For river respondents, 40.8% felt that human waste was not a problem. Two thirds of wilderness respondents felt that human waste was not a problem.

Fire rings of charcoal were considered not a problem by 60.9% of river respondents and 58.3% of wilderness respondents.

Inconsiderate people were considered not a problem by 41.8% of river respondents and 70.8% of wilderness respondents.

Too many people were considered not a problem by 46.5% of river respondents and 71.4% of wilderness respondents.

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Conflict with other visitors was considered not a problem by 71.4% of river respondents and 93.9% of wilderness respondents.

Unskilled people using the site were considered not a problem by 52.3% of river respondents and 81.3% of wilderness respondents.

Uncontrolled dogs were considered not a problem by 70.9% of river respondents and 75.6% of wilderness respondents.

Unregulated OHV use was considered not a problem by 76% of river respondents and 62.5% of wilderness respondents.

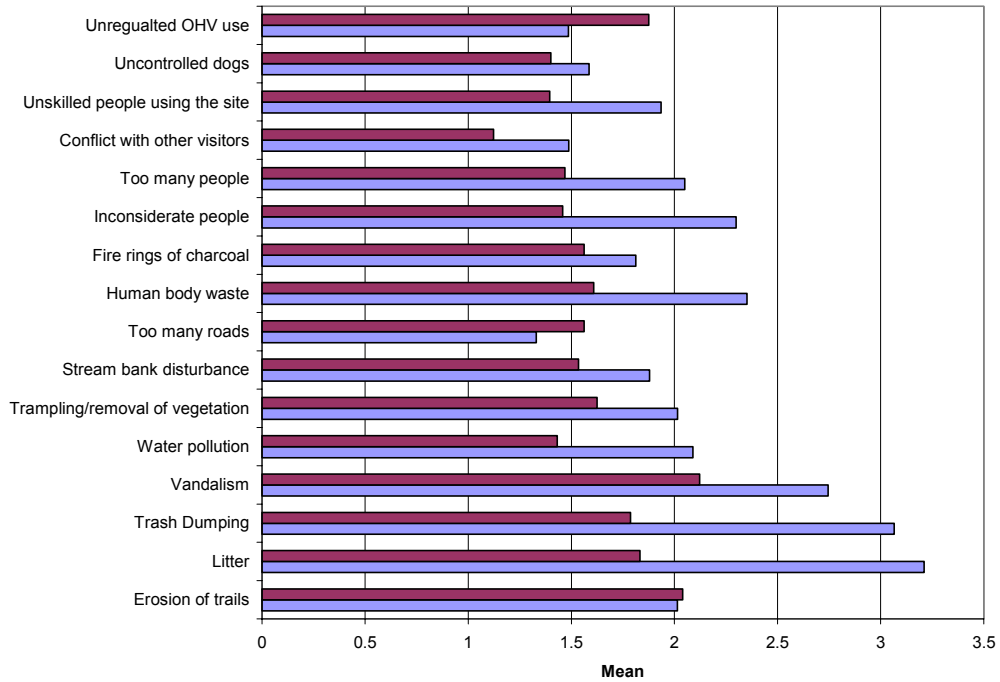
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Perceptions of Recreation Impacts

Survey Type		Frequency	Mean	Std. Deviation	
River	Erosion of trails	210	2.0143	1.03747	
	Litter	294	3.2109	1.42972	
	Trash Dumping	275	3.0655	1.47834	
	Vandalism	255	2.7451	1.48009	
	Water pollution	245	2.0898	1.34899	
	Trampling/removal of vegetation	255	2.0157	1.21334	
	Stream bank disturbance	240	1.8792	1.17416	
	Too many roads	273	1.3297	.74343	
	Human body waste	267	2.3521	1.42072	
	Fire rings of charcoal	266	1.8120	1.21096	
	Inconsiderate people	275	2.2982	1.42136	
	Too many people	282	2.0496	1.21278	
	Conflict with other visitors	273	1.4872	.91596	
	Unskilled people using the site	262	1.9351	1.21910	
	Uncontrolled dogs	258	1.5853	1.09584	
	Unregulated OHV use	204	1.4853	1.02423	
	Valid N (listwise)	134			
	Wilderness	Erosion of trails	50	2.0400	.90260
		Litter	48	1.8333	1.24342
		Trash Dumping	47	1.7872	1.30111
Vandalism		49	2.1224	1.31708	
Water pollution		44	1.4318	.99762	
Trampling/removal of vegetation		48	1.6250	.91384	
Stream bank disturbance		43	1.5349	1.03162	
Too many roads		48	1.5625	1.08972	
Human body waste		46	1.6087	1.08481	
Fire rings of charcoal		48	1.5625	.79643	
Inconsiderate people		48	1.4583	.79783	
Too many people		49	1.4694	.93768	
Conflict with other visitors		49	1.1224	.59974	
Unskilled people using the site		48	1.3958	.91651	
Uncontrolled dogs		45	1.4000	.78044	
Unregulated OHV use		40	1.8750	1.32409	
Valid N (listwise)		33			

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Perceptions of recreation impacts



Erosion of trails

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	87	41.4
		Slight problem	53	25.2
		Moderate problem	54	25.7
		Serious problem	12	5.7
		Very serious problem	4	1.9
		Total	210	100.0
	Missing	Don't know	78	
		9.00	15	
		System	1	
		Total	94	
Total			304	
Wilderness	Valid	Not a problem	16	32.0
		Slight problem	19	38.0
		Moderate problem	12	24.0
		Serious problem	3	6.0
		Total	50	100.0
	Missing	Don't know	1	
Total			51	

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Litter

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	49	16.7
		Slight problem	50	17.0
		Moderate problem	63	21.4
		Serious problem	54	18.4
		Very serious problem	78	26.5
		Total	294	100.0
	Missing	Don't know	6	
		9.00	3	
		System	1	
		Total	10	
Total		304		
Wilderness	Valid	Not a problem	29	60.4
		Slight problem	7	14.6
		Moderate problem	6	12.5
		Serious problem	3	6.3
		Very serious problem	3	6.3
		Total	48	100.0
	Missing	Don't know	1	
		9.00	2	
Total	Total	3		
Total		51		

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Trash Dumping

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	60	21.8
		Slight problem	45	16.4
		Moderate problem	53	19.3
		Serious problem	51	18.5
		Very serious problem	66	24.0
		Total	275	100.0
	Missing	Don't know	20	
		9.00	8	
		System	1	
		Total	29	
Total		304		
Wilderness	Valid	Not a problem	32	68.1
		Slight problem	3	6.4
		Moderate problem	5	10.6
		Serious problem	4	8.5
		Very serious problem	3	6.4
	Total	47	100.0	
	Missing	Don't know	3	
		9.00	1	
Total	Total	4		
Total		51		

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Vandalism

Survey Type			Frequency
River	Valid	Not a problem	72
		Slight problem	54
		Moderate problem	45
		Serious problem	35
		Very serious problem	49
		Total	255
	Missing	Don't know	37
		9.00	11
		System	1
		Total	49
Total			304
Wilderness	Valid	Not a problem	22
		Slight problem	12
		Moderate problem	6
		Serious problem	5
		Very serious problem	4
	Total	49	
	Missing	Don't know	2
Total			51

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Water pollution

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	119	48.6
		Slight problem	53	21.6
		Moderate problem	30	12.2
		Serious problem	18	7.3
		Very serious problem	25	10.2
		Total	245	100.0
	Missing	Don't know	47	
		9.00	11	
		System	1	
		Total	59	
Total			304	
Wilderness	Valid	Not a problem	35	79.5
		Slight problem	4	9.1
		Moderate problem	1	2.3
		Serious problem	3	6.8
		Very serious problem	1	2.3
	Total	44	100.0	
	Missing	Don't know	7	
Total			51	

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Trampling/removal of vegetation

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	123	48.2
		Slight problem	52	20.4
		Moderate problem	48	18.8
		Serious problem	17	6.7
		Very serious problem	15	5.9
		Total	255	100.0
	Missing	Don't know	43	
		9.00	5	
		System	1	
		Total	49	
Total		304		
Wilderness	Valid	Not a problem	29	60.4
		Slight problem	11	22.9
		Moderate problem	5	10.4
		Serious problem	3	6.3
		Total	48	100.0
	Missing	Don't know	3	
Total		51		

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Stream bank disturbance

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	134	55.8
		Slight problem	38	15.8
		Moderate problem	41	17.1
		Serious problem	17	7.1
		Very serious problem	10	4.2
		Total	240	100.0
	Missing	Don't know	55	
		9.00	8	
		System	1	
		Total	64	
Total			304	
Wilderness	Valid	Not a problem	32	74.4
		Slight problem	3	7.0
		Moderate problem	5	11.6
		Serious problem	2	4.7
		Very serious problem	1	2.3
	Total	43	100.0	
	Missing	Don't know	8	
Total			51	

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Too many roads

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	221	81.0
		Slight problem	21	7.7
		Moderate problem	24	8.8
		Serious problem	7	2.6
		Total	273	100.0
	Missing	Don't know	22	
		9.00	8	
		System	1	
		Total	31	
		Total	304	
Wilderness	Valid	Not a problem	36	75.0
		Slight problem	2	4.2
		Moderate problem	7	14.6
		Serious problem	1	2.1
		Very serious problem	2	4.2
		Total	48	100.0
	Missing	Don't know	3	
Total	51			

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Human body waste

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	109	40.8
		Slight problem	48	18.0
		Moderate problem	53	19.9
		Serious problem	21	7.9
		Very serious problem	36	13.5
		Total	267	100.0
	Missing	Don't know	28	
		9.00	8	
		System	1	
		Total	37	
Total		304		
Wilderness	Valid	Not a problem	30	65.2
		Slight problem	11	23.9
		Serious problem	3	6.5
		Very serious problem	2	4.3
		Total	46	100.0
	Missing	Don't know	4	
		9.00	1	
Total		51		

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Fire rings of charcoal

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	162	60.9
		Slight problem	38	14.3
		Moderate problem	36	13.5
		Serious problem	14	5.3
		Very serious problem	16	6.0
		Total	266	100.0
	Missing	Don't know	29	
		9.00	8	
		System	1	
		Total	38	
Total			304	
Wilderness	Valid	Not a problem	28	58.3
		Slight problem	15	31.3
		Moderate problem	3	6.3
		Serious problem	2	4.2
		Total	48	100.0
	Missing	Don't know	3	
Total			51	

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Inconsiderate

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	115	41.8
		Slight problem	58	21.1
		Moderate problem	45	16.4
		Serious problem	19	6.9
		Very serious problem	38	13.8
		Total	275	100.0
	Missing	Don't know	21	
		9.00	7	
		System	1	
		Total	29	
Total			304	
Wilderness	Valid	Not a problem	34	70.8
		Slight problem	7	14.6
		Moderate problem	6	12.5
		Serious problem	1	2.1
		Total	48	100.0
	Missing	Don't know	3	
Total			51	

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Too many people

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	131	46.5
		Slight problem	59	20.9
		Moderate problem	55	19.5
		Serious problem	21	7.4
		Very serious problem	16	5.7
		Total	282	100.0
	Missing	Don't know	15	
		9.00	6	
		System	1	
		Total	22	
Total		304		
Wilderness	Valid	Not a problem	35	71.4
		Slight problem	9	18.4
		Moderate problem	3	6.1
		Very serious problem	2	4.1
		Total	49	100.0
	Missing	Don't know	2	
Total		51		

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Conflict with other visitors

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	195	71.4
		Slight problem	42	15.4
		Moderate problem	23	8.4
		Serious problem	7	2.6
		Very serious problem	6	2.2
		Total	273	100.0
	Missing	Don't know	25	
		9.00	5	
		System	1	
		Total	31	
Total		304		
Wilderness	Valid	Not a problem	46	93.9
		Slight problem	2	4.1
		Very serious problem	1	2.0
		Total	49	100.0
	Missing	Don't know	2	
Total		51		

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Unskilled people using the site

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	137	52.3
		Slight problem	54	20.6
		Moderate problem	39	14.9
		Serious problem	15	5.7
		Very serious problem	17	6.5
		Total	262	100.0
	Missing	Don't know	34	
		9.00	7	
		System	1	
		Total	42	
		Total	304	
Wilderness	Valid	Not a problem	39	81.3
		Slight problem	3	6.3
		Moderate problem	2	4.2
		Serious problem	4	8.3
		Total	48	100.0
	Missing	Don't know	3	
Total	51			

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Uncontrolled dogs

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	183	70.9
		Slight problem	34	13.2
		Moderate problem	18	7.0
		Serious problem	11	4.3
		Very serious problem	12	4.7
		Total	258	100.0
	Missing	Don't know	40	
		9.00	5	
		System	1	
		Total	46	
Total			304	
Wilderness	Valid	Not a problem	34	75.6
		Slight problem	5	11.1
		Moderate problem	5	11.1
		Serious problem	1	2.2
		Total	45	100.0
	Missing	Don't know	6	
Total			51	

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Unregulated OHV use

Survey Type			Frequency	Valid Percent
River	Valid	Not a problem	155	76.0
		Slight problem	21	10.3
		Moderate problem	15	7.4
		Serious problem	4	2.0
		Very serious problem	9	4.4
		Total	204	100.0
	Missing	Don't know	89	
		9.00	10	
		System	1	
		Total	100	
Total			304	
Wilderness	Valid	Not a problem	25	62.5
		Slight problem	4	10.0
		Moderate problem	5	12.5
		Serious problem	3	7.5
		Very serious problem	3	7.5
	Total	40	100.0	
	Missing	Don't know	11	
Total			51	

Place Attachment

Another section of the survey assessed visitors' level of place attachment to the Molalla River and Table Rock Wilderness Area. Place attachment was measured by place identity and place dependence. Based on mean scores, river respondents had a higher place attachment to the area than wilderness respondents.

For river respondents, 63.3% strongly agreed that the recreation area/wilderness means a lot to me. For wilderness respondents, 44.9% strongly agreed that the recreation area/wilderness means a lot to me.

For river respondents, 48.5% strongly agreed with the statement, I am very attached to the recreation area/wilderness. For wilderness respondents, 42% agree and 32 % strong agreed with the statement, I am very attached to the recreation area.

For river respondents, 39.1% strongly agreed with the statement, I identify strongly with this place. For wilderness, 38% agreed with the statement, I identify strongly with this place.

For river respondents, 46.9% strongly disagreed with the statement: I feel no commitment to this recreation area/ wilderness. For wilderness respondents, 44% strongly disagreed with the statement: I feel no commitment to this recreation area/wilderness.

For river respondents, 44.5% were neutral to the statement: I enjoy recreating in this recreation area/wilderness more than any other. For wilderness respondents, 55.1% were neutral to the statement: I enjoy recreating in this recreation area/wilderness more than any other.

For river respondents, 51.2% were neutral to the statement: I get more satisfaction from this recreation area/wilderness than from any other. For wilderness respondents, 60% were neutral to the statement: I get more satisfaction from this recreation area/wilderness than from any other.

For river respondents, 57.9% were neutral to the statement: Recreating here is more important than recreating in any other place. For wilderness respondents, 58% were neutral to the statement: Recreating here is more important than recreating in any other place.

For river respondents, 48.8% were neutral to the statement: I won't substitute any other recreation area/wilderness for the type of recreation I do here. Half of wilderness respondents were neutral to the statement: I won't substitute any other recreation area/wilderness for the type of recreation I do here.

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For river respondents, 42.7% strongly agree with the statement: I have a lot of fond memories of this place. For wilderness respondents, 42.9% agree with the statement: I have a lot of fond memories of this place.

For river respondents, 23.5% agree and 29.7% strongly agree with the statement: I have a special connection to this place and the people who recreate here. For wilderness respondents, 48% were neutral to the statement: I have a special connection to this place and the people who recreate here.

For river respondents, 22.3% strongly disagree and 26.8% disagree with the statement: I don't tell many people about this area. For wilderness respondents, 8% strongly disagree and 36% disagree with the statement: I don't tell many people about this area.

For river respondents, 46.4% strongly agree with the statement: I will/do bring my children here. For wilderness respondents, 46.8% agree with the statement: I will/do bring my children here.

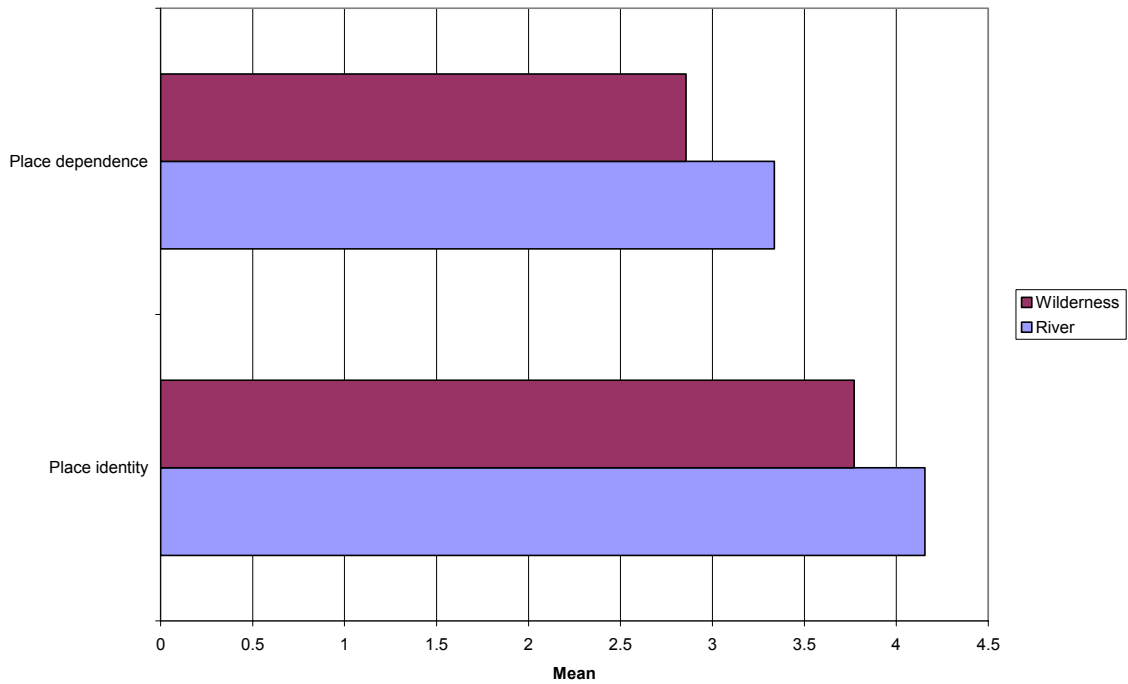
Place attachment (subscales)

Place attachment (subscales)

Survey Type		N	Mean	Std. Deviation
River	Place identity	282	4.1553	.69456
	Place dependence	282	3.3360	.87594
	Valid N (listwise)	273		
Wilderness	Place identity	49	3.7714	.76485
	Place dependence	49	2.8571	.67700
	Valid N (listwise)	48		

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Place attachment (subscales)



Place attachment (individual items)

This recreation area / wilderness means a lot to me

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	2	.7
		Neutral	29	9.9
		Agree	77	26.2
		Strongly agree	186	63.3
		Total	294	100.0
	Missing	9.00	9	
		System	1	
		Total	10	
	Total		304	
	Wilderness	Valid	Disagree	1
Neutral			9	18.4
Agree			17	34.7
Strongly agree			22	44.9
Total			49	100.0
Missing		9.00	2	
Total			51	

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I am very attached to the recreation area / wilderness

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	2	.7
		Disagree	5	1.7
		Neutral	59	20.3
		Agree	84	28.9
		Strongly agree	141	48.5
		Total	291	100.0
	Missing	9.00	12	
		System	1	
		Total	13	
	Total			304
Wilderness	Valid	Disagree	5	10.0
		Neutral	8	16.0
		Agree	21	42.0
		Strongly agree	16	32.0
		Total	50	100.0
	Missing	9.00	1	
Total			51	

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I identify strongly with this place

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	2	.7
		Disagree	6	2.0
		Neutral	66	22.4
		Agree	105	35.7
		Strongly agree	115	39.1
		Total	294	100.0
	Missing	9.00	9	
		System	1	
		Total	10	
		Total	304	
Wilderness	Valid	Strongly disagree	1	2.0
		Disagree	4	8.0
		Neutral	13	26.0
		Agree	19	38.0
		Strongly agree	13	26.0
		Total	50	100.0
	Missing	9.00	1	
Total	51			

I feel no commitment to this recreation area / wilderness

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	137	46.9
		Disagree	85	29.1
		Neutral	42	14.4
		Agree	16	5.5
		Strongly agree	12	4.1
		Total	292	100.0
	Missing	9.00	10	
		System	2	
		Total	12	
		Total	304	
Wilderness	Valid	Strongly disagree	22	44.0
		Disagree	17	34.0
		Neutral	7	14.0
		Agree	3	6.0
		Strongly agree	1	2.0
		Total	50	100.0
	Missing	9.00	1	
Total	51			

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I enjoy recreating in this recreation area / wilderness more than any other

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	8	2.8
		Disagree	24	8.3
		Neutral	129	44.5
		Agree	66	22.8
		Strongly agree	63	21.7
		Total	290	100.0
	Missing	9.00	13	
		System	1	
		Total	14	
	Total			304
Wilderness	Valid	Strongly disagree	1	2.0
		Disagree	10	20.4
		Neutral	27	55.1
		Agree	9	18.4
		Strongly agree	2	4.1
		Total	49	100.0
	Missing	9.00	2	
Total			51	

=I get more satisfaction from this recreation area/ wilderness than from any

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	4	1.4
		Disagree	42	14.3
		Neutral	150	51.2
		Agree	46	15.7
		Strongly agree	51	17.4
		Total	293	100.0
	Missing	9.00	10	
		System	1	
		Total	11	
	Total			304
Wilderness	Valid	Strongly disagree	1	2.0
		Disagree	10	20.0
		Neutral	30	60.0
		Agree	8	16.0
		Strongly agree	1	2.0
		Total	50	100.0
	Missing	9.00	1	
Total			51	

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Recreating here is more important than recreating in any other place

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	8	2.8
		Disagree	35	12.1
		Neutral	168	57.9
		Agree	32	11.0
		Strongly agree	47	16.2
		Total	290	100.0
	Missing	9.00	13	
		System	1	
		Total	14	
	Total			304
Wilderness	Valid	Strongly disagree	4	8.0
		Disagree	12	24.0
		Neutral	29	58.0
		Agree	5	10.0
		Total	50	100.0
	Missing	9.00	1	
	Total	51		

I wouldn't substitute any other recreation area / wilderness for the type of recreation I do here

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	8	2.7
		Disagree	54	18.4
		Neutral	143	48.8
		Agree	42	14.3
		Strongly agree	46	15.7
		Total	293	100.0
	Missing	9.00	10	
		System	1	
		Total	11	
	Total			304
Wilderness	Valid	Strongly disagree	3	6.0
		Disagree	15	30.0
		Neutral	25	50.0
		Agree	5	10.0
		Strongly agree	2	4.0
	Total	50	100.0	
	Missing	9.00	1	
Total	51			

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I have a lot of fond memories of this place

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	4	1.4
		Disagree	11	3.7
		Neutral	52	17.6
		Agree	102	34.6
		Strongly agree	126	42.7
		Total	295	100.0
	Missing	9.00	8	
		System	1	
		Total	9	
		Total	304	
Wilderness	Valid	Disagree	5	10.2
		Neutral	16	32.7
		Agree	21	42.9
		Strongly agree	7	14.3
		Total	49	100.0
	Missing	9.00	2	
	Total	51		

I have a special connection to this place and the people who recreate here

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	3	1.0
		Disagree	17	5.8
		Neutral	117	39.9
		Agree	69	23.5
		Strongly agree	87	29.7
		Total	293	100.0
	Missing	9.00	10	
		System	1	
		Total	11	
		Total	304	
Wilderness	Valid	Disagree	8	16.0
		Neutral	24	48.0
		Agree	13	26.0
		Strongly agree	5	10.0
		Total	50	100.0
	Missing	9.00	1	
	Total	51		

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I don't tell many people about this area

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	65	22.3
		Disagree	78	26.8
		Neutral	76	26.1
		Agree	40	13.7
		Strongly agree	32	11.0
		Total	291	100.0
	Missing	9.00	12	
		System	1	
		Total	13	
	Total			304
Wilderness	Valid	Strongly disagree	4	8.0
		Disagree	18	36.0
		Neutral	18	36.0
		Agree	9	18.0
		Strongly agree	1	2.0
	Total	50	100.0	
	Missing	9.00	1	
Total			51	

I will/do bring my children here

Survey Type			Frequency	Valid Percent
River	Valid	Strongly disagree	8	2.7
		Disagree	5	1.7
		Neutral	43	14.7
		Agree	101	34.5
		Strongly agree	136	46.4
		Total	293	100.0
	Missing	9.00	10	
		System	1	
		Total	11	
	Total			304
Wilderness	Valid	Strongly disagree	1	2.1
		Disagree	1	2.1
		Neutral	13	27.7
		Agree	22	46.8
		Strongly agree	10	21.3
	Total	47	100.0	
	Missing	9.00	4	
Total			51	

Visitors' Preferences for Future Management

Preferences for Management Policy

Two thirds of river and wilderness respondents want to maintain existing services and no new fees or permits.

Based on mean scores, river and wilderness respondents are most interested in trail information/direction signs. Overall, river respondents are most interested in changes to the Molalla River and Table Rock Wilderness area.

Over half of the river and wilderness respondents were not interested at all in developed campgrounds.

Over half of the river and wilderness respondents were not at interested at all in a camping reservation system.

For river respondents, half were not interested at all or slightly interested in greater law enforcement presence. For wilderness respondents, over half were not interested at all or slightly interested in greater law enforcement presence.

For river respondents, 22.6% were very interested and 14.9% were extremely interested in trail information/directional signs. For wilderness respondents, 23.4% were very interested and 23.4% were extremely interested in trail information/directional signs.

For river respondents, 25.5% were extremely interested in informational kiosks (displays). For wilderness respondents, 26.5% were very interested in informational kiosks (displays).

For river respondents, 30.2% were not interested at all in increased outdoor education programs. For wilderness respondents, 39.6% were not interested at all in increased outdoor education programs.

For river respondents, 27.3% were not interested at all in additional multiple-use non-motorized trails. For wilderness respondents, 38.8% were not interested at all in additional multiple-use non-motorized trails.

Over one third of river respondents were not interested at all or slightly interested in developed group-use area/larger picnic/camping areas/privacy. Over three fourths of wilderness respondents were not interested at all or slightly interested in developed group-use area/larger picnic/camping areas/privacy.

For river respondents, 29% were not interested at all and 19.9% were slightly interested in developed day-use river access. For wilderness respondents, 38.3% were not interested at all and 27.7% were slightly interested in developed day-use river access.

Over half of river and wilderness respondents were not interested at all or slightly interested in increased parking areas.

Slightly over half of river respondents were not interested at all in additional motorized trails. For wilderness respondents, 86% were not interested at all in additional motorized trails.

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Future management strategies

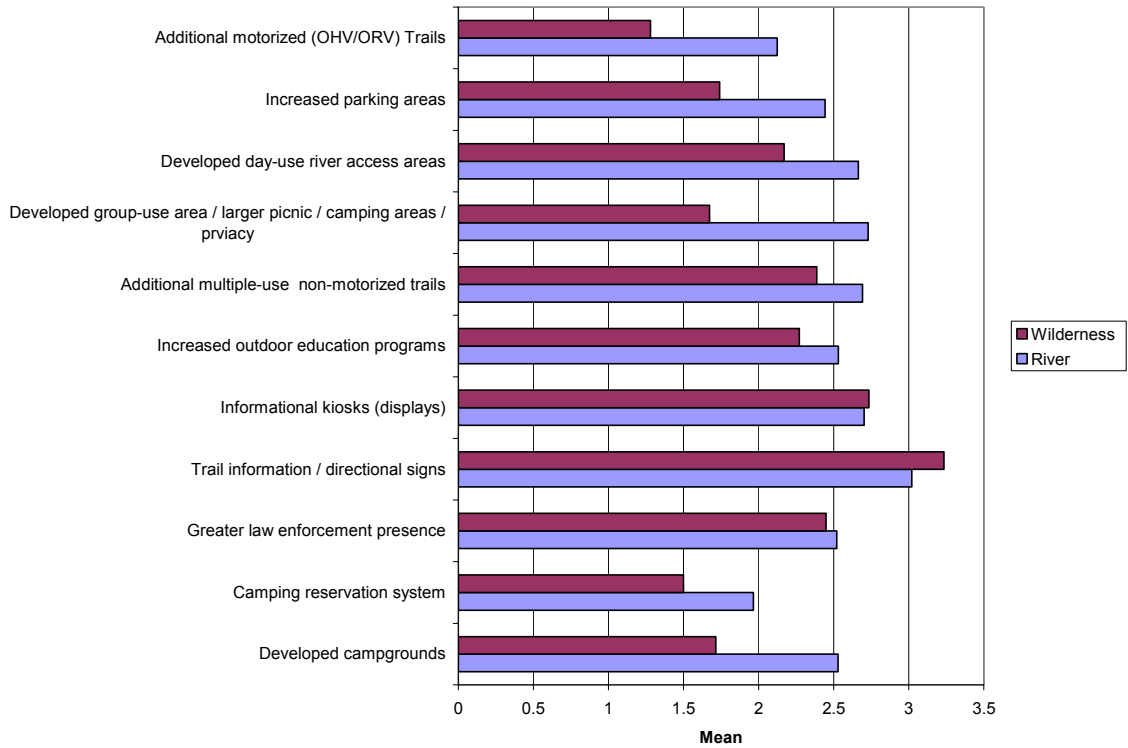
Survey Type			Frequency	Valid Percent
River	Valid	Maintain existing services and no new fees or permits	175	65.5
		Increase services and permits/fees might be required	92	34.5
		Total	267	100.0
	Missing	9.00	36	
		System	1	
		Total	37	
Total		304		
Wilderness	Valid	Maintain existing services and no new fees or permits	32	65.3
		Increase services and permits/fees might be required	17	34.7
		Total	49	100.0
	Missing	9.00	2	
	Total		51	

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Preferences for Programs, Facilities, and Services

Survey Type		N	Mean	Std. Dev.	
River	Developed campgrounds	291	2.5292	1.43899	
	Camping reservation system	289	1.9654	1.31188	
	Greater law enforcement presence	288	2.5208	1.31710	
	Trail information / directional signs	288	3.0208	1.30381	
	Informational kiosks (displays)	275	2.7018	1.32570	
	Increased outdoor education programs	288	2.5313	1.33006	
	Additional multiple-use non-motorized trails	289	2.6920	1.38643	
	Developed group-use area / larger picnic / camping areas / privacy	292	2.7295	1.45921	
	Developed day-use river access areas	286	2.6643	1.40896	
	Increased parking areas	287	2.4425	1.41025	
	Additional motorized (OHV/ORV) Trails	290	2.1241	1.48759	
	Valid N (listwise)	258			
	Wilderness	Developed campgrounds	49	1.7143	.95743
		Camping reservation system	50	1.5000	.90914
Greater law enforcement presence		49	2.4490	1.35495	
Trail information / directional signs		47	3.2340	1.38647	
Informational kiosks (displays)		49	2.7347	1.35055	
Increased outdoor education programs		48	2.2708	1.33272	
Additional multiple-use non-motorized trails		49	2.3878	1.35118	
Developed group-use area / larger picnic / camping areas / privacy		49	1.6735	.92168	
Developed day-use river access areas		47	2.1702	1.22153	
Increased parking areas		50	1.7400	1.02639	
Additional motorized (OHV/ORV) Trails		50	1.2800	.85809	
Valid N (listwise)		43			

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Developed campgrounds

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	106	36.4
		Slightly interested	42	14.4
		Moderately interested	67	23.0
		Very interested	35	12.0
		Extremely interested	41	14.1
		Total	291	100.0
	Missing	9.00	12	
		System	1	
		Total	13	
	Total			304
Wilderness	Valid	Not interested at all	26	53.1
		Slightly interested	15	30.6
		Moderately interested	5	10.2
		Very interested	2	4.1
		Extremely interested	1	2.0
		Total	49	100.0
	Missing	9.00	2	
Total			51	

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Camping reservation system

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	166	57.4
		Slightly interested	33	11.4
		Moderately interested	45	15.6
		Very interested	24	8.3
		Extremely interested	21	7.3
		Total	289	100.0
	Missing	9.00	14	
		System	1	
		Total	15	
	Total			304
Wilderness	Valid	Not interested at all	34	68.0
		Slightly interested	11	22.0
		Moderately interested	2	4.0
		Very interested	2	4.0
		Extremely interested	1	2.0
		Total	50	100.0
	Missing	9.00	1	
		Total	51	

Greater law enforcement presence

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	90	31.3
		Slightly interested	54	18.8
		Moderately interested	75	26.0
		Very interested	42	14.6
		Extremely interested	27	9.4
		Total	288	100.0
	Missing	9.00	15	
		System	1	
		Total	16	
	Total			304
Wilderness	Valid	Not interested at all	15	30.6
		Slightly interested	14	28.6
		Moderately interested	9	18.4
		Very interested	5	10.2
		Extremely interested	6	12.2
		Total	49	100.0
	Missing	9.00	2	
		Total	51	

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Trail information / directional signs

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	53	18.4
		Slightly interested	39	13.5
		Moderately interested	88	30.6
		Very interested	65	22.6
		Extremely interested	43	14.9
		Total	288	100.0
	Missing	9.00	15	
		System	1	
		Total	16	
	Total			304
Wilderness	Valid	Not interested at all	7	14.9
		Slightly interested	8	17.0
		Moderately interested	10	21.3
		Very interested	11	23.4
		Extremely interested	11	23.4
		Total	47	100.0
	Missing	9.00	4	
		Total	51	

Informational kiosks (displays)

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	70	25.5
		Slightly interested	52	18.9
		Moderately interested	75	27.3
		Very interested	46	16.7
		Extremely interested	32	11.6
		Total	275	100.0
	Missing	9.00	28	
		System	1	
		Total	29	
	Total			304
Wilderness	Valid	Not interested at all	11	22.4
		Slightly interested	13	26.5
		Moderately interested	9	18.4
		Very interested	10	20.4
		Extremely interested	6	12.2
		Total	49	100.0
	Missing	9.00	2	
		Total	51	

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Increased outdoor education programs

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	87	30.2
		Slightly interested	61	21.2
		Moderately interested	71	24.7
		Very interested	38	13.2
		Extremely interested	31	10.8
		Total	288	100.0
	Missing	9.00	15	
		System	1	
		Total	16	
		Total	304	
Wilderness	Valid	Not interested at all	19	39.6
		Slightly interested	10	20.8
		Moderately interested	11	22.9
		Very interested	3	6.3
		Extremely interested	5	10.4
		Total	48	100.0
	Missing	9.00	3	
		Total	51	

Additional multiple-use non-motorized trails

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	79	27.3
		Slightly interested	58	20.1
		Moderately interested	65	22.5
		Very interested	47	16.3
		Extremely interested	40	13.8
		Total	289	100.0
	Missing	9.00	14	
		System	1	
		Total	15	
		Total	304	
Wilderness	Valid	Not interested at all	19	38.8
		Slightly interested	7	14.3
		Moderately interested	12	24.5
		Very interested	7	14.3
		Extremely interested	4	8.2
		Total	49	100.0
	Missing	9.00	2	
		Total	51	

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Developed group-use area / larger picnic / camping areas / privacy

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	90	30.8
		Slightly interested	43	14.7
		Moderately interested	62	21.2
		Very interested	50	17.1
		Extremely interested	47	16.1
		Total	292	100.0
	Missing	9.00	11	
		System	1	
		Total	12	
	Total			304
Wilderness	Valid	Not interested at all	27	55.1
		Slightly interested	14	28.6
		Moderately interested	6	12.2
		Very interested	1	2.0
		Extremely interested	1	2.0
		Total	49	100.0
	Missing	9.00	2	
Total			51	

Developed day-use river access areas

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	83	29.0
		Slightly interested	57	19.9
		Moderately interested	60	21.0
		Very interested	45	15.7
		Extremely interested	41	14.3
		Total	286	100.0
	Missing	9.00	17	
		System	1	
		Total	18	
	Total			304
Wilderness	Valid	Not interested at all	18	38.3
		Slightly interested	13	27.7
		Moderately interested	9	19.1
		Very interested	4	8.5
		Extremely interested	3	6.4
		Total	47	100.0
	Missing	9.00	4	
Total			51	

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Increased parking areas

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	105	36.6
		Slightly interested	57	19.9
		Moderately interested	55	19.2
		Very interested	33	11.5
		Extremely interested	37	12.9
		Total	287	100.0
	Missing	9.00	16	
		System	1	
		Total	17	
	Total			304
Wilderness	Valid	Not interested at all	26	52.0
		Slightly interested	17	34.0
		Moderately interested	3	6.0
		Very interested	2	4.0
		Extremely interested	2	4.0
	Total	50	100.0	
	Missing	9.00	1	
Total			51	

Additional motorized (OHV/ORV) Trails

Survey Type			Frequency	Valid Percent
River	Valid	Not interested at all	162	55.9
		Slightly interested	31	10.7
		Moderately interested	37	12.8
		Very interested	19	6.6
		Extremely interested	41	14.1
		Total	290	100.0
	Missing	9.00	13	
		System	1	
		Total	14	
	Total			304
Wilderness	Valid	Not interested at all	43	86.0
		Slightly interested	4	8.0
		Moderately interested	1	2.0
		Extremely interested	2	4.0
		Total	50	100.0
	Missing	9.00	1	
Total			51	

Visitors' Perceptions of Benefit to Others

Greater community involvement was considered a very unimportant benefit by 24.6% of river respondents and 34.7% of wilderness respondents. Greater community involvement was thought to be an unimportant benefit by 19.3% of river respondents and 18.4% of wilderness respondents.

Over one third of river respondents felt that greater opportunities for youth were an important or very important benefit. For wilderness respondents, 22.4% felt that greater opportunities for youth was a very unimportant benefit, and 16.3% felt that it was an unimportant benefit.

Improved family bonding was considered an important benefit by 28.4% of river respondents and a very important benefit by 17.9% of river respondents. For wilderness respondents, 44.7% felt that improved family bonding was neither an unimportant nor important benefit.

One third of river respondents felt that providing recreation to local communities was an important or very important benefit. Providing recreation to local communities was considered a very unimportant benefit by 18.4% and an unimportant benefit by 22.4% of wilderness respondents.

Increased work productivity was considered a very unimportant benefit by 26.1% of river respondents and 39.1% of wilderness respondents. Increased work productivity was considered an unimportant benefit by 21.1% of river respondents and 17.4% of wilderness respondents.

Being a positive contribution to the local economy was considered a very unimportant benefit of the recreation area by 20.4% of river respondents and 25% of wilderness respondents. Being a positive contribution to the local economy was considered an unimportant benefit of the recreation area by 18.7% of river respondents and 33.3% of wilderness respondents.

Providing a heightened awareness of the natural world was considered an important benefit by 32.2% of river respondents and 29.8% of wilderness respondents. Providing a heightened awareness of the natural world was considered a very important benefit by 24.8% of river respondents and 31.9% of wilderness respondents.

Over half of river and wilderness respondents felt that greater protection of our cultural history/sites was an important or very important benefit of the Molalla River and Table Rock Wilderness area.

Over 40% of all river respondents felt that a deeper sensitivity to local cultures was an important or very important benefit of the Molalla River and Table Rock Wilderness area. Over 40% of all wilderness respondents felt that a deeper sensitivity to local

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cultures was a very unimportant or important benefit of the Molalla River and Table Rock Wilderness area.

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Greater community involvement

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	70	24.6
		Unimportant	55	19.3
		Neither unimportant nor important	91	31.9
		Important	42	14.7
		Very important	27	9.5
		Total	285	100.0
	Missing	9.00	18	
		System	1	
		Total	19	
	Total			304
Wilderness	Valid	Very unimportant	17	34.7
		Unimportant	9	18.4
		Neither unimportant nor important	12	24.5
		Important	8	16.3
		Very important	3	6.1
		Total	49	100.0
	Missing	9.00	2	
Total			51	

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Greater opportunities for youth

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	48	16.7
		Unimportant	51	17.8
		Neither unimportant nor important	83	28.9
		Important	62	21.6
		Very important	43	15.0
		Total	287	100.0
	Missing	9.00	16	
		System	1	
		Total	17	
	Total			304
Wilderness	Valid	Very unimportant	11	22.4
		Unimportant	8	16.3
		Neither unimportant nor important	14	28.6
		Important	12	24.5
		Very important	4	8.2
		Total	49	100.0
	Missing	9.00	2	
Total			51	

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Improved family bonding

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	46	16.1
		Unimportant	31	10.9
		Neither unimportant nor important	76	26.7
		Important	81	28.4
		Very important	51	17.9
		Total	285	100.0
	Missing	9.00	18	
		System	1	
		Total	19	
	Total			304
Wilderness	Valid	Very unimportant	8	17.0
		Unimportant	8	17.0
		Neither unimportant nor important	21	44.7
		Important	3	6.4
		Very important	7	14.9
		Total	47	100.0
	Missing	9.00	4	
Total			51	

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Providing recreation to local communities

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	47	16.4
		Unimportant	40	14.0
		Neither unimportant nor important	98	34.3
		Important	62	21.7
		Very important	39	13.6
		Total	286	100.0
	Missing	9.00	17	
		System	1	
		Total	18	
	Total			304
Wilderness	Valid	Very unimportant	9	18.4
		Unimportant	11	22.4
		Neither unimportant nor important	13	26.5
		Important	9	18.4
		Very important	7	14.3
		Total	49	100.0
	Missing	9.00	2	
Total			51	

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Increased work productivity

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	74	26.1
		Unimportant	60	21.1
		Neither unimportant nor important	86	30.3
		Important	39	13.7
		Very important	25	8.8
		Total	284	100.0
	Missing	9.00	19	
		System	1	
		Total	20	
		Total	304	
Wilderness	Valid	Very unimportant	18	39.1
		Unimportant	8	17.4
		Neither unimportant nor important	13	28.3
		Important	4	8.7
		Very important	3	6.5
		Total	46	100.0
	Missing	9.00	5	
Total	51			

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Positive contribution to local economy

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	58	20.4
		Unimportant	53	18.7
		Neither unimportant nor important	84	29.6
		Important	50	17.6
		Very important	39	13.7
		Total	284	100.0
	Missing	9.00	19	
		System	1	
		Total	20	
		Total	304	
Wilderness	Valid	Very unimportant	12	25.0
		Unimportant	16	33.3
		Neither unimportant nor important	8	16.7
		Important	9	18.8
		Very important	3	6.3
		Total	48	100.0
	Missing	9.00	3	
Total	51			

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
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Heightened awareness of natural world

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	25	8.7
		Unimportant	25	8.7
		Neither unimportant nor important	73	25.5
		Important	92	32.2
		Very important	71	24.8
		Total	286	100.0
	Missing	9.00	17	
		System	1	
		Total	18	
	Total			304
Wilderness	Valid	Very unimportant	6	12.8
		Unimportant	2	4.3
		Neither unimportant nor important	10	21.3
		Important	14	29.8
		Very important	15	31.9
		Total	47	100.0
	Missing	9.00	4	
Total			51	

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
Final Technical Report

Greater protection of cultural history/sites

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	24	8.4
		Unimportant	26	9.1
		Neither unimportant nor important	80	28.1
		Important	70	24.6
		Very important	85	29.8
		Total	285	100.0
	Missing	9.00	18	
		System	1	
		Total	19	
	Total			304
Wilderness	Valid	Very unimportant	7	14.6
		Unimportant	6	12.5
		Neither unimportant nor important	7	14.6
		Important	19	39.6
		Very important	9	18.8
		Total	48	100.0
	Missing	9.00	3	
Total			51	

Molalla River Recreation Corridor and Table Rock Wilderness Visitor Survey
Final Technical Report

A deeper sensitivity to local cultures

Survey Type			Frequency	Valid Percent
River	Valid	Very unimportant	39	13.8
		Unimportant	36	12.8
		Neither unimportant nor important	89	31.6
		Important	51	18.1
		Very important	67	23.8
		Total	282	100.0
	Missing	9.00	21	
		System	1	
		Total	22	
		Total	304	
Wilderness	Valid	Very unimportant	10	21.3
		Unimportant	10	21.3
		Neither unimportant nor important	11	23.4
		Important	9	19.1
		Very important	7	14.9
		Total	47	100.0
	Missing	9.00	4	
Total	51			

Conclusions and Management Recommendations

The BLM Molalla River corridor and Table Rock Wilderness Visitor Surveys were conducted with adult visitors through on-site self-administered survey questionnaire (see Appendix I) during the summer of 2006. Overall, 351 visitors completed the onsite surveys for a 93 percent response rate. The respondent demographics were similar to those in other outdoor recreation studies. The river corridor respondents (n=304) were 54 percent male, 25 percent college educated and 94 percent reported White racial affiliation. The wilderness respondents were 61 percent male, 61 percent college educated and 100 percent reported White racial affiliation.

The trip characteristics revealed that 78.7 percent of the river corridor respondents and 88.2 percent of the wilderness respondents reported that recreation site as the primary destination for their trip. The most common group size was from 2-5 persons. About 47 percent of the river corridor groups and 14 percent of the wilderness groups had children ages 16 and younger on the trip. The river corridor respondents reported 55 percent day use and 93 percent of the wilderness respondents were day users. The top three features (of the area) that attracted both river corridor and wilderness groups were (in order of importance) the natural qualities and features, close and convenient to home and the opportunity for solitude. Overall, visitors report very high levels of satisfaction: 89 percent of the river corridor respondents reported being either satisfied or very satisfied as compared to 93 percent of the wilderness respondents.

The most popular activities in the Molalla River/Table Rock Wilderness were swimming, picnicking, trail hiking, and camping. The river corridor also had considerable participation in driving for pleasure and fishing. The most important motives reported by river corridor respondents were (in order of importance) nature enjoyment, escape, socializing with similar people (friends), and socializing with family. The wilderness respondents reported that nature enjoyment, physical fitness, escape, and socializing with similar people as their dominant motives.

Visitors on the river corridor report being most satisfied with multiple use trails, day use areas, developed trail heads, and the availability of parking. They were least satisfied with the cleanliness of restrooms, availability of restrooms, and availability of off-highway trails. These same visitors identified litter, trash dumping, and vandalism as the most significant recreation impacts. Visitors to the wilderness area report being most satisfied with the availability of parking, multiple use trails, presence of agency personnel and overnight camping sites. They were least satisfied with the cleanliness of restrooms, availability of off-highway vehicle trails. The wilderness visitors identified vandalism, the erosion or trails, unregulated OHV use and litter as the most significant recreation impacts. About two thirds of the visitors to both the river corridor and the wilderness indicated that the current level of services and fees are appropriate.

The river corridor and wilderness respondents both indicated that both place attachment and place dependence are strong behavioral influences. In both sample groups, place identity was the stronger influences indicating that visitors have a strong identification and tie with these resources. Place dependence was particularly high with the river corridor respondents indicating that the types of activities they do along the river corridor are unique and less substitutable given other recreation opportunities in the area/region. Consequently the river corridor users are relatively dependent of the recreation opportunities offered by the Molalla River corridor. The most important benefits perceived by visitors to the corridor are a heightened sense of the natural world, greater protection of cultural history sites, a deeper sensitivity to local cultures, and improved family bonding. Providing a heightened awareness of the natural world was considered an important or very important benefit by 57 percent of river corridor respondents and 61 percent of wilderness respondents. Over half of both the river corridor and wilderness respondents also felt that greater protection of our cultural history/sites was an important or very important benefit of the Molalla River and Table Rock Wilderness area.

Respondents from the river corridor and wilderness indicated their level of interest or support for several management programs, facilities and services. Those in which over 50 percent of river corridor respondents were either moderately, very or extremely interested were trail information/directional signs (68 percent), information kiosks (56 percent), additional multiple-use non-motorized trails (53 percent), developed day-use river access areas (51 percent), developed group use area/picnic/camping (50 percent), and greater law enforcement presence (50 percent). Those in which over 50 percent of wilderness respondents were either moderately, very or extremely interested were trail information/directional signs (68 percent), and information kiosks (51 percent).

The following management recommendations flow from the data and visitor suggestions identified in the results of this study. They are meant as suggestions or areas of consideration as managers think about the future management of the Molalla River Corridor and Table Rock Wilderness area. The following recommendations are offered for consideration along the Molalla River Corridor:

1. Utilize the results of this study to better identify the core visitor target market(s) in terms of activities, experiences, benefits and the setting attributes that are most desired and appropriate.
2. Manage to protect the natural qualities and features (especially the riparian ecosystem), the local nature of the experience and the opportunity for solitude that most seem to capture the attraction of this resource to visitors.
3. Current use suggests overnight use (camping) includes about 45 percent of the visitor groups. Assuming that use is appropriate, managers may want to be more deliberate/proactive about marketing, designating and managing for separate designated overnight and day use area along the river.
4. It is clear that cleanliness and the availability of restrooms are a top priority for visitors to the river corridor. Managers might want to consider the feasibility of increasing the number of restrooms and enhancing their maintenance resources/schedule.

5. Visitors indicate they would like to see more trail information/directional signs and information kiosks. Managers might consider providing signs with clear messages, maps, and information about recreation opportunities in the river corridor including trails/trail heads, river access points, camping and parking areas.
6. Managers might consider providing additional multiple-use non-motorized trails, developed day-use picnic/river access areas, developed group use area/picnic/camping, and a greater law enforcement presence. All of these management actions enjoyed considerable support by the river corridor respondents.
7. The availability of group areas or improved campsites might allow for better segregation of river visitors seeking family bonding and those seeking socializing with friends and similar people. Managers may want to consider offering areas where partying behavior can be controlled or mitigated.
8. The availability of off-highway trails was another item that river corridor visitors were least satisfied with. Managers may want to conduct further inquiry as to the exact meaning of this finding. Are there too many such trails on the river corridor, are they perceived as problems or areas of impact?
9. Visitors along the river view litter, trash dumping, and vandalism as the three areas of highest impact. Managers might consider increasing education efforts, further signing, trash receptacles and on-site personnel, including law enforcement as possible ways of mitigating these impacts.

The following recommendations are offered for consideration for the Table Rock Wilderness:

10. Utilize the results of this study to better identify the core visitor target market(s) in terms of activities, experiences, benefits and the setting attributes that are most desired and appropriate. This wilderness is primarily utilized by hikers, photographers and picnickers.
11. Manage to protect the natural qualities and features, the local nature of the experience and the opportunity for solitude that most seem to capture the attraction of this resource to wilderness visitors.
12. Current use suggests day use (primarily hiking) includes about 93 percent of the visitor groups. Assuming that use is appropriate, managers may want to be more deliberate/proactive about marketing, designating and managing for day use. If more overnight use is desired, appropriate steps might need to be taken to develop and market those opportunities.
13. As compared to the river visitors, exercise is a strong motivation (after enjoying nature enjoyment) for wilderness visitors. Managers may want to promote this opportunity as a challenging hike or climb on educational and marketing materials regionally as well as with river corridor users who may not be familiar with the wilderness opportunities in the area.
14. As with river visitors, it is clear that cleanliness and the availability of restrooms are a top priority for wilderness visitors. However, several mentioned the

availability of off-highway vehicle trails as an area of low satisfaction. Managers may want to monitor any mountain biking (which was reported in the wilderness area) activity or potential motorized routes that may be close to the wilderness boundaries.

15. Wilderness Visitors indicate they would like to see more trail information/directional signs, information kiosks and a greater law enforcement presence. These three management actions received the highest amount of interest from the wilderness visitors.
16. Wilderness visitors generally did not perceive major impact too the wilderness area. However, some impacts with trail erosion and vandalism were noted. These are areas that managers may want to monitor for future impacts or changes over time.

Appendix I: Survey Questionnaire