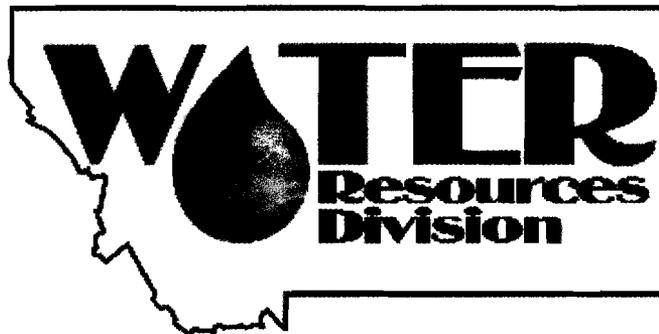


State of Montana
Department of Natural Resources & Conservation
REPORT TO ADJUDICATION ADVISORY
COMMITTEE



DNRC ADJUDICATION PROGRESS AND
PROJECTIONS IN CLAIM EXAMINATION AND
ASSISTANCE TO THE WATER COURT

February 2004

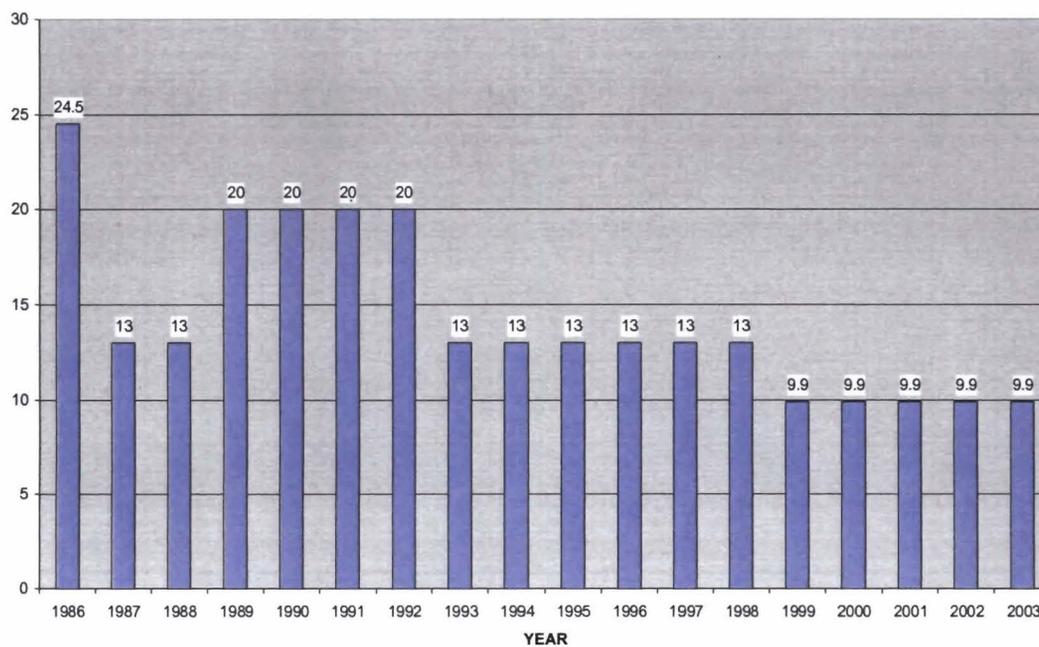
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BACKGROUND

The ability to ensure an accurate adjudication in part rests on the timeliness of the process. We are now over 20 years removed from the original 1982 filing deadline and valuable firsthand knowledge of claimed water use is becoming increasingly short in supply. The question was posed at the last Advisory meeting: "What will it take in resources for DNRC and the Water Court to complete the adjudication in the next 15 years?" This paper presents an analysis of DNRC's work efforts in the adjudication process and provides pertinent information from DNRC's perspective to assist in answering this question.

By way of background Chart 1 shows the number of full time equivalent (FTE) employees dedicated to the adjudication effort since 1989. In addition, Chart 2 shows the examination rate, in claims per FTE per day. Chart 3 depicts the total number of claims examined by DNRC since 1991. It is easy to see from the most recent examination rates: DNRC's efforts in examination will take well over 20 years to complete the remaining 57,000 claims.

Chart 1: REGIONAL OFFICE ADJUDICATION FTE



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**Chart 2: DNRC Adjudication Program Claim Examination Rate
 FY 1989 - FY 2004**

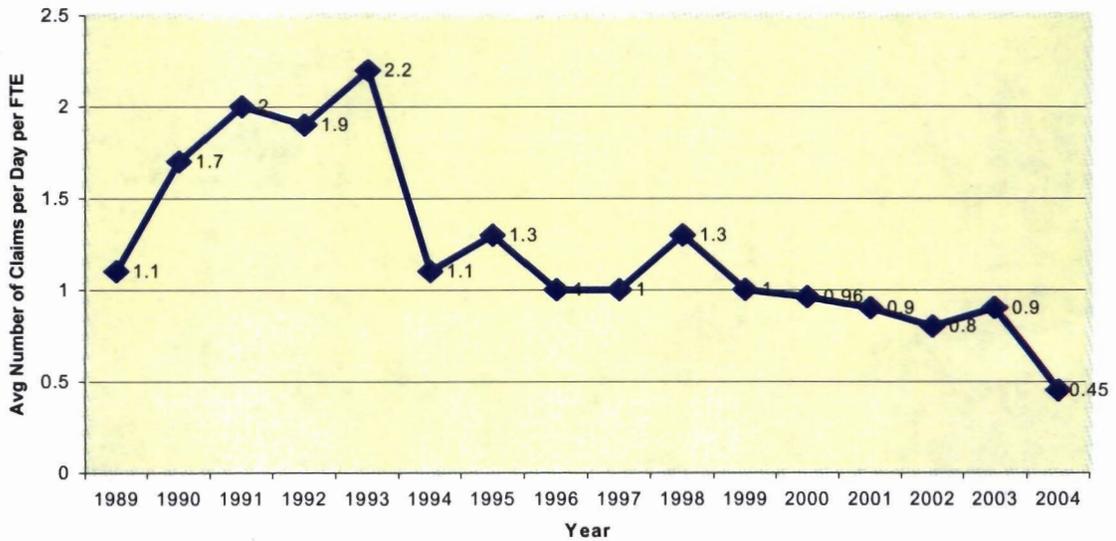
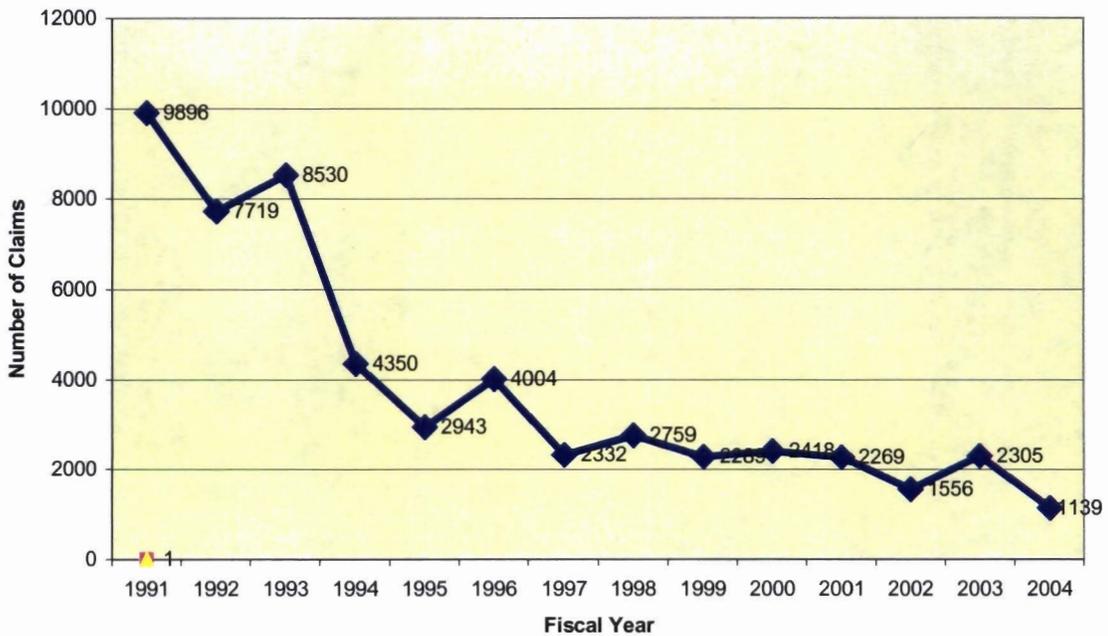


Chart 3: Claims Examined Per Year



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Because the adjudication program at DNRC began on earmarked funds, employees involved in the process are required to complete detailed monthly reports. This report uses the detailed monthly reports to forecast the resources necessary to complete the examination of claims and to meet DNRC's responsibilities in post decree processing.

ASSUMPTIONS and CONSIDERATIONS

COMPACTS

Compacts with tribal entities are necessary before the adjudication process will allow some decrees to be issued. Two basins in the Kalispell area, 76L & 76LJ, have not been examined pending negotiations with the Confederated Salish & Kootenai Tribes. Basins in the Havre Regional Office area, 40T, 40F, 40J, 40M, 41L, and 41M are all on hold pending a compact with the Blackfeet Tribe. In the Billings Regional Office area, basins 43E, 43P, 43O, 42A, and 42B are waiting on the Crow tribe. Funding of the Compact Commission is not included in this analysis. **Completion of the Adjudication process assumes all Federal and Indian rights have been compacted.**

ENFORCEMENT OF DECREES

Enforcement actions are on the rise. In fact, all hours (1,877) logged for enforcement activity by Regional Offices have occurred since 2001. The West Gallatin River (41H) was the first, followed by the Musselshell River (40A, 40C), portions of Hyalite and South Cottonwood Creeks (41H), and Sweet Grass Creek (43BV). The next irrigation season intends to bring a total of 8 enforcement actions. Statewide there are water commissioners on 60 different sources. There is a potential that 28 of these sources may request enforcement within the next 10 years. DNRC involvement in enforcement actions requires the preparation of detailed maps, ditch lists and indexes. It is believed that improvements can be made in the applications (database and GIS) and procedures used by DNRC to improve and reduce the level of effort required by DNRC in the enforcement area. This work takes priority over other adjudication tasks. In this report, **this type of work will be addressed separate from the rest of the DNRC adjudication functions.**

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WATER COURT POST DECREE ASSISTANCE

The current examination process at DNRC includes post decree assistance. That assistance is mandated by statute and takes priority over other adjudication tasks. The assumption here is that such assistance will continue. To date the DNRC has only participated in post decree assistance after the issuance of the first decree. No process has been developed for DNRC assistance for subsequent decrees, particularly the temporary preliminary decrees that go on to preliminary decree. **Calculations in this report will be based on assistance to the Water Court for the first decree issued in a basin.**

CERTIFIED CASES

Since the year 2001, certified cases have taken 1721 work hours. The most recent certifications have taken place in the Arrow Creek drainage (basin 41R) and in the Union Creek drainage (basin 76F). This process has the potential to determine the priority of the examination process, as certified cases are mandated to take priority over all other adjudication functions. The longer the adjudication takes the more likely cases will be certified. **Since the purpose of this paper is to discuss an expedited adjudication process, the assumption is that no significant certifications will occur in the next ten years.**

RE-EXAMINATION OF VERIFIED BASIN

The Water Right Claim Examination Rules were adopted by the Montana Supreme Court on July 15th, 1987. Prior to the rules, claims were 'verified' using guidelines established by DNRC. One important difference in these 2 processes is the use of 2 data sources in the examination of irrigation rights: verification used 1 source.

The question of re-examination of the 'verified' basins has been raised at the advisory meetings, as well as the EQC meeting. The Judith River (41S) re-examination was for irrigation claims only. This type of re-examination may address the concerns expressed. We have work hours

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recorded for this process. **The assumption is that the process will be similar to the process used in the Judith River basin and estimates will be based on that data.**

WATER RIGHTS DATABASE

At the time of this report, the new water rights system (database) is not capable of running a decree for an entire basin, nor any of the pre-decree reports. An independent 'needs assessment' may be necessary to determine the necessary support and development to bring the system to a level to support the adjudication program. In order to complete the adjudication process, the database must be able to support the adjudication functions required by the Montana Water Court. **For the purposes of this report, it is assumed that the adjudication functions of the new system will be developed and implemented.**

GIS SUPPORT

Both the examination of claims and the enforcement of decrees rely on continued support of the GIS staff. **The assumption is that there will be adequate support.**

DATA and METHODOLOGY

Estimates are based on the current examination procedures as mandated by the Rules. Because we have detailed work reports from the adjudication specialists, the projections and estimates are based on actual data collected from those reports. Categories include, claim examination, enforcement, certification, post decree assistance, training, administrative functions, record research, leave and holiday, and work in other programs (new appropriations, state projects, flood plain and complaints).

The summary table (table 1) of work activity for the Regional Offices shows the hours worked in each category by year. The data goes back to 1990, as a convenient beginning point to show the work of a fully trained staff in the examination process. The time period also allows us to capture a reasonable time frame to measure post decree assistance to the Water Court such that, in theory,

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the Water Court will have completed the majority of the cases for their active basins. Kalispell and Glasgow offices are not represented because their work activity in adjudication ceased in 1991 and 1994 respectively. The detailed activity report for each Regional Office (excluding Kalispell and Glasgow) is attached for reference (Appendix A).

Table 1 gives us a picture of the work activities of the Water resources specialist. It is evident 1 FTE does not result in 2080 hours a year in claim examination. Overall, the table shows only 39% of the time is spent in claim examination (see the 14-year distribution CHART 4). Another item to note, time spent in new appropriations is increasing. The number of hours has doubled since 1990. In 2003, new appropriations activities account for just over 1 FTE. Enforcement actions have taken just over .5 FTE.

If we look at the total hours for each year, the result in FTE equivalent ranges from 15.4 FTE in 1990 to 10.4 FTE in 2003. When we look at the actual time spent in examination alone, the FTE count ranges from 9.1 (1990) to 3.6 (2003).

Chart 3 shows the number of claims examined in each year since 1990. While this shows a general decline in the total number of claims, one must also note a similar decline in FTE. This also corresponds to an increase in enforcement and certification actions. Analysis also shows a decline in the rate claims are processed; in 1991 it was 2 claims per day per FTE, in 2002 it was .8 claims.

Claims Examined

Table 2 shows the number of claims examined in the time period (1990-2003) in each category (irrigation, stock, domestic, and other uses). A total of 54, 662 claims were examined. Using this claim count, averages can be established for each work activity. Those averages follow.

Claim examination averages 5.65 hours per claim

Based on the decrees issued just prior to or during the sample time period, the following estimates apply.

Summary report time	263 hours for every 1,000 claims decreed
Return mail	32 hours for every 1,000 claims decreed

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Post decree assistance 758 hours for every 1,000 claims decreed

Central Office requirements

There have been 8 decrees issued since January 1990. There are 5 FTE maintaining the paper and microfilm records of all water rights; 2/3 of those records are claim files. There is .5 FTE maintaining the Water Court corrections to post decreed water rights. There are 2 administrative FTE to oversee the adjudication program. The claims examination manual was last updated in 1995. Current enforcement projects take up .5 FTE and training and database development take up the remaining 1.5 FTE. To complete the adjudication to first decree stage will require the remaining 32 basins be decreed in the next 15 years. This amounts to nearly 4 times the workload for the central office support staff.

Regional Offices

Table 3 shows the remaining claims to be examined in each basin, grouped by Regional Office. It should be noted there are two categories of post decree assistance not accounted for thus far.

- Outstanding cases still pending before the court
- Examined claims that have not yet been decreed.

Table 4 represents projections in work hours for the remaining unexamined claims plus the post decree assistance required for those claims examined already but not yet decreed. Thus table 4 projections leave out the current balance of outstanding cases at the Water Court

Table 4 makes one very important assumption. Notice the work categories do not include items that were recorded in the 1990-2003 sample. **These projections assume the employee will only work on adjudication functions; all new appropriation, state projects, dam safety, flood plain and complaints were removed from these projections.** Overall, the above items account for 12% of the work time. In a 10-year timeline, work in those areas would add an additional year.

Re-examination

Table 5 is a listing of the 39 'verified' basins that have been decreed. This listing excludes those basins with final decrees. There are a total of 18,806 irrigations claims in these 39 basins. Using

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the average rate from the Judith River re-examination, it will take 65,821 hours to complete these claims if re-examination were to take place. Table 6 shows the projected FTE requirement just for re-examination. The other work elements related to this process are included in the tabulation.

RECOMMENDATIONS and CONCLUSIONS

- Staffing in the Regional Offices must be increased to a total of 13.3 FTE to complete claims examination and meet DNRC post decree responsibilities in 15 years.
- Enforcement activities will continue to increase. In the next 10 years there is the potential this work could increase 4 times its current level. At the Regional Office level this would require an additional 2.4 FTE. If database and GIS development are not forthcoming this will require an additional 1 FTE at the Central Office.
- Support staff levels will need to increase by 1.5 FTE just to keep up with the Water Court corrections to post decree water rights. The central records staff would probably need to increase by an additional 2 FTE as well.
- There is currently one FTE for all GIS work within the Water Resources Division. This single FTE is the GIS resources person for four bureaus and the eight Regional Offices. Due to these extremely limited GIS resources many Water Resources Specialists are performing functions normally completed by a well-staffed GIS Program (e.g. Photo registration and basic GIS software training). These activities of the Water Resources Specialists are contributing to the slowdown in claim examination. There would probably need to be a minimum of 2 additional FTE in the GIS Program to provide the support necessary to complete the adjudication in 10 or 15 years. This estimate is only for adjudication support functions.

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- Re-examination of the verified basins in a 10-year time frame will require 11 FTE and 7 FTE if we use a 15-year time frame.
- Staffing in the Regional Offices will also need 1 additional FTE for post decree assistance to the Water Court with cases currently pending at the Water Court. This was not accounted for in the analysis, and is the best estimate of DNRC and the Water Court.

SUMMARY

The following table represents DNRC's current staffing level in the various work areas, the number of FTE this report recommends to add and the combined total FTE.

		Additional FTE	Additional FTE	Total FTE	Total FTE	Entry level
	Current	for 10 Year	for 15 Year	for 10 Year	for 15 Year	pay per
	Staff	Completion	Completion	Completion	Completion	FTE
	Level	Estimate	Estimate	Estimate	Estimate	
Claim Examination	9.9	10.1	3.4	20	13.3	\$29,360
Remaining cases		1	1	1	1	\$29,360
Central Office Support	2.5	1.5	1.5	4	4	\$17,140
Records Staff	5	2	2	7	7	\$20,400
GIS Support	1	2	2	3	3	\$32,150
Enforcement		2.4	2.4	2.4	2.4	\$29,360
Sub-Total	18.4	16.6	9.9	35	28.3	
Re-Examination		11	7	11	7	\$29,360
Grand Total	18.4	27.6	16.9	46	35.3	

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Tables

TABLE 1

REGIONAL OFFICE ACTIVITY REPORT SUMMARY

Hours

Activity	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Total	Percent
Claim Examination	15437	17676	14519	11756	11112	10613	8484	8731	8913	7348	7144	8018	8265	7467	145483	39.20%
Re-Examination	3402	318	0	0	0	0	0	225	760	1134	1077	509	200	97	7722	2.08%
Compact	0	0	0	0	52	114	0	0	48	375	423	0	0	0	1012	0.27%
Post-Decree	1798	2791	3017	3034	3397	4619	5968	4050	3866	3413	3347	1677	1484	1489	43950	11.84%
State Projects	176	491	449	406	535	573	656	807	421	398	567	252	241	292	6264	1.69%
Leave/Holiday	3618	4458	4581	3580	3600	4005	3672	3283	3912	3727	3493	3418	2959	3167	51473	13.87%
Administration	3462	3022	3426	3026	3569	3298	3677	3284	3159	3407	3369	3384	2387	2454	44924	12.11%
Training	786	200	275	159	205	328	376	613	526	761	562	320	521	294	5926	1.60%
New Approps	1314	1006	1389	1331	1658	1638	999	1988	1354	3217	2593	3407	1616	2468	25978	7.00%
Records	1920	2479	2422	3037	2866	2189	1875	1481	2477	2558	2866	2875	1802	1737	32584	8.78%
Certification	0	0	0	0	0	0	0	0	0	0	0	197	909	615	1721	0.46%
Flood Plain	0	110	61	28	78	82	206	130	51	12	66	19	212	55	1110	0.30%
Complaints	0	0	8	0	50	49	178	92	165	105	103	126	148	63	1087	0.29%
Enforcement	0	0	0	0	0	0	0	0	0	0	0	626	20	1231	1877	0.51%
Total	31913	32551	30147	26357	27122	27508	26091	24684	25652	26455	25610	24828	20764	21429	371111	100.00%

TABLE 1

TABLE 2

CLAIMS EXAMINED BY ALL REGIONAL OFFICES

CLAIM PURPOSE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTALS	%
IRRIGATION	3295	2089	1215	1162	782	917	1081	550	663	1179	938	615	505	384	15375	28.13
STOCK	4820	4053	4601	2544	1743	2494	979	1886	1322	1098	1146	784	1466	469	29405	53.79
DOMESTIC	840	610	429	363	221	374	149	210	153	90	138	136	261	195	4169	7.63
OTHER	941	967	2285	281	197	219	123	113	151	51	47	21	73	91	5560	10.17
TOTAL CLAIMS	10078	7684	8530	4350	2948	3991	2333	2759	2287	2433	2269	1556	2305	1139	54662	

TABLE 3

NON-DECREED BASIN STATUS REPORT

Basin	Basin Name	Regional Office	Status	Pending Compact	Domestic	Irrigation	Stock	Other	Total	Claims	
										Status	
										Exam	Unexam
42A	Rosebud Creek	Billings	Being Examined		61	184	945	25	1215	956	259
43E	Pryor Creek	Billings	Being Examined	Crow	31	104	486	11	632	632	0
43O	Little Big Horn River	Billings	Being Examined	Crow	125	165	844	37	1171	1155	16
43P	Bighorn River below Greybull River	Billings	Being Examined	Crow	207	450	1399	56	2112	2025	87
42B	Tongue River including Hanging Woman	Billings	No Action	Crow	70	230	999	46	1345	0	1345
42C	Tongue River below Hanging Woman	Billings	No Action	Crow	212	678	3648	151	4689	0	4689
42M	Yellowstone River below Powder River	Billings	No Action		546	474	3717	551	5288	0	5288
43N	Shoshone River	Billings	No Action	Crow	8	50	76	32	166	0	166
										4768	11850
41A	Red Rock River	Bozeman	Being Examined		87	1238	1220	237	2782	313	2469
40R	Big Muddy Creek	Glasgow	No Action		351	216	1374	86	2027	0	2027
40F	Milk River above Fresno	Havre	Being Examined	Blackfeet	218	380	1643	86	2327	2327	0
40I	Peoples Creek	Havre	Being Examined	Blackfeet	26	255	372	15	668	622	46
40J	Milk River between Fresno Res & Whitewater	Havre	Being Examined	Blackfeet	661	1487	7911	2771	12830	12814	16
40M	Beaver Creek Tributary of Milk River	Havre	Being Examined	Blackfeet	105	478	1731	609	2923	2905	18
40T	St. Mary River	Havre	Being Examined	Blackfeet	25	6	103	49	183	183	0
41L	Cut Bank River	Havre	Being Examined	Blackfeet	114	79	406	51	650	650	0
41M	Two Medicine River	Havre	Being Examined		83	449	509	76	1117	312	805
41O	Teton River	Havre	Being Examined		341	674	1391	111	2517	2402	115
41P	Marias River	Havre	No Action		371	540	2652	127	3690	0	3690
41T	Missouri River from Marias incl Bullwacker Cr	Havre	No Action		198	347	2260	266	3071	0	3071
										22215	7761
41B	Beaverhead River	Helena	Being Examined		137	1005	759	242	2143	22	2121
41D	Big Hole River	Helena	Being Examined		221	1886	1527	252	3886	3700	186
41QJ	Missouri River from Holter Dam to Sun River	Helena	No Action		502	533	1378	151	2564	0	2564
										3722	4871
76L	Flathead River below Flathead Lake (Jocko R*)	Kalispell	Being Examined*	CSKT	564	1162	1177	166	3069	0	3069
76LJ	Flathead River including Flathead Lake	Kalispell	No Action	CSKT	2645	1532	588	510	5275	0	5275
											8344
40B	Flatwillow Creek	Lewistown	Being Examined		157	705	2559	245	3666	926	2740

TABLE 3

NON-DECREED BASIN STATUS REPORT

40EJ	Missouri Riv between Bullwacker & Musselshell	Lewistown	No Action	86	295	1679	473	2533	0	2533
41J	Smith River	Lewistown	No Action	212	759	1634	98	2703	0	2703
41Q	Missouri River from Sun River to Marias River	Lewistown	No Action	508	457	2864	258	4087	0	4087
41R	Arrow Creek	Lewistown	No Action	131	475	1550	48	2204	0	2204
									926	14267
76HA	Bitterroot River	Missoula	Being Examined	146	1646	884	164	2840	1274	1566
76F	Blackfoot River	Missoula	No Action	654	975	1502	558	3689	0	3689
									1274	5255
									TOTAL	56844

TABLE 4

REGIONAL OFFICE PROJECTIONS

Office	Claims		Exam Exam Hrs	Activities (HOURS)			Total Hour Estimates	FTE Estimates	
	Examined	Unexamined		Summary Report	Retn Mail	Water Court		10-Year	15-Year
Billings	4768	11850	66953	4373	519	12589	84434	4.1	2.7
Bozeman	313	2469	13950	732	87	2108	16876	0.8	0.5
Havre	22215	7761	43850	7888	937	22709	75384	3.6	2.4
Helena	3722	4871	27521	2261	269	6510	36561	1.8	1.2
Glasgow	0	2027	11453	533	63	1536	13585	0.7	0.4
Lewistown	926	14267	80609	3998	475	11510	96591	4.6	3.1
Kalispell	0	8344	47144	2196	261	6321	55921	2.7	1.8
Missoula	1274	5255	29691	1718	204	4946	36559	1.8	1.2
Totals	33218	56844	321169	23701	2814	68229	415912	20.0	13.3

TABLE 5

RE-EXAMINATION LISTING

VERIFIED BASINS								
EXCLUDING ALL FINAL DECREES			Date	Date	Total	Total	Total	Total
Basin #	Basin Name	Regional Office	Temporary Issued	Preliminary Issued	Irrigation Claims	hours to re-exam	Claims by Office	Hours by Office
43QJ	Yell R from Bridger to Clarks Fork Yellowstone	Billings		23-Jul-85	142	497		
42K	Yellowstone River between Tongue & Power	Billings		19-Sep-85	126	441		
43BV	Sweet Grass Creek	Billings	19-Dec-84		257	899.5		
43B	Yellowstone River above & incl Bridger Creek	Billings	16-Jan-85		1738	6083		
39FJ	Little Beaver Creek	Billings	31-Jan-85		124	434		
39F	Little Missouri above Little Beaver Creek	Billings	1-Feb-85		454	1589		
39E	Box Elder Creek	Billings	1-Feb-85		357	1249.5		
43BJ	Boulder River tributary of Yellowstone	Billings	3-Apr-85		280	980		
43C	Stillwater River	Billings	7-Nov-85		657	2299.5	4135	14472.5
41F	Madison River	Bozeman	25-Jul-84		911	3188.5		
41H	Gallatin River	Bozeman	26-Sep-85		1988	6958		
43A	Shields River	Bozeman	3-Aug-88		1195	4182.5		
41C	Ruby River	Bozeman	14-Nov-90		951	3328.5	5045	17657.5
40D	Big Dry Creek	Glasgow		28-Sep-84	362	1267		
39G	Beaver Creek	Glasgow		31-Jan-85	67	234.5		
40N	Rock Creek	Glasgow		13-Aug-85	116	406		
40L	Frenchman Creek	Glasgow	16-Jan-85		58	203		
40E	Missouri R. between Muss & Fort Peck Dam	Glasgow	7-Mar-85		168	588		
40K	Whitewater Creek	Glasgow	21-Nov-89		53	185.5	824	2884
40G	Sage Creek	Havre		20-Dec-83	140	490		
41N	Willow Creek	Havre		6-Jul-84	271	948.5		
41K	Sun River	Havre	14-May-85		584	2044	995	3482.5
41U	Dearborn River	Helena	10-May-84		141	493.5		
76G	Clark Fork River above Blackfoot River	Helena	17-May-85		1894	6629		
41E	Boulder River tributary of Jefferson River	Helena	20-Jun-85		333	1165.5		
41G	Jefferson River	Helena	17-Oct-89		1043	3650.5	3411	11938.5
76N	Lower Clark Fork	Kalispell	28-Feb-84		331	1158.5		
76C	Fisher River	Kalispell	28-Feb-84		77	269.5		
76D	Kootenai River	Kalispell	22-Mar-84		412	1442		
76B	Yaak River	Kalispell	22-Mar-84		17	59.5		
76K	Swan River	Kalispell	9-Aug-84		142	497		
76I	Middle Fork Flathead River	Kalispell	9-Aug-84		11	38.5		
76J	South Fork Flathead River	Kalispell	9-Aug-84		2	7	992	3472

TABLE 5

RE-EXAMINATION LISTING

41S	Judith River	Lewistown	17-May-84		0	0		
40A	Musselshell River	Lewistown	7-May-85		1350	4725		
40C	Lower Musselshell River	Lewistown	6-Feb-90		375	1312.5	1725	6037.5
76GJ	Flint Creek	Missoula	29-Mar-84		460	1610		
76E	Rock Creek	Missoula	29-Mar-84		273	955.5		
76M	Middle Clark Fork River	Missoula	29-Nov-84		946	3311	1679	5876.5
	TOTALS				18806	65821		

TABLE 6

RE-EXAMINATION PROJECTION

Regional Office	Claims to Re-Exam	Estimated Hours	RE-EXAMINATION				Total Hours	FTE Estimates	
			Administration	Records	Leave			10-Year	15-Year
Billings	4135	14472.5	11961	8666	13653	48753	2.3	1.6	
Bozeman	5045	17657.5	14593	10573	16658	59482	2.9	1.9	
Havre	995	3482.5	2878	2085	3285	11731	0.6	0.4	
Helena	3411	11938.5	9867	7149	11263	40217	1.9	1.3	
Glasgow	824	2884	2383	1727	2721	9715	0.5	0.3	
Lewistown	1725	6037.5	4990	3615	5696	20338	1.0	0.7	
Kalispell	992	3472	2869	2079	3275	11696	0.6	0.4	
Missoula	1679	5876.5	4857	3519	5544	19796	1.0	0.6	
Totals	18806	65821	54398	39414	62095	221728	10.7	7.1	

Charts

CHART 4

14 Year Distribution of Regional Office Activity

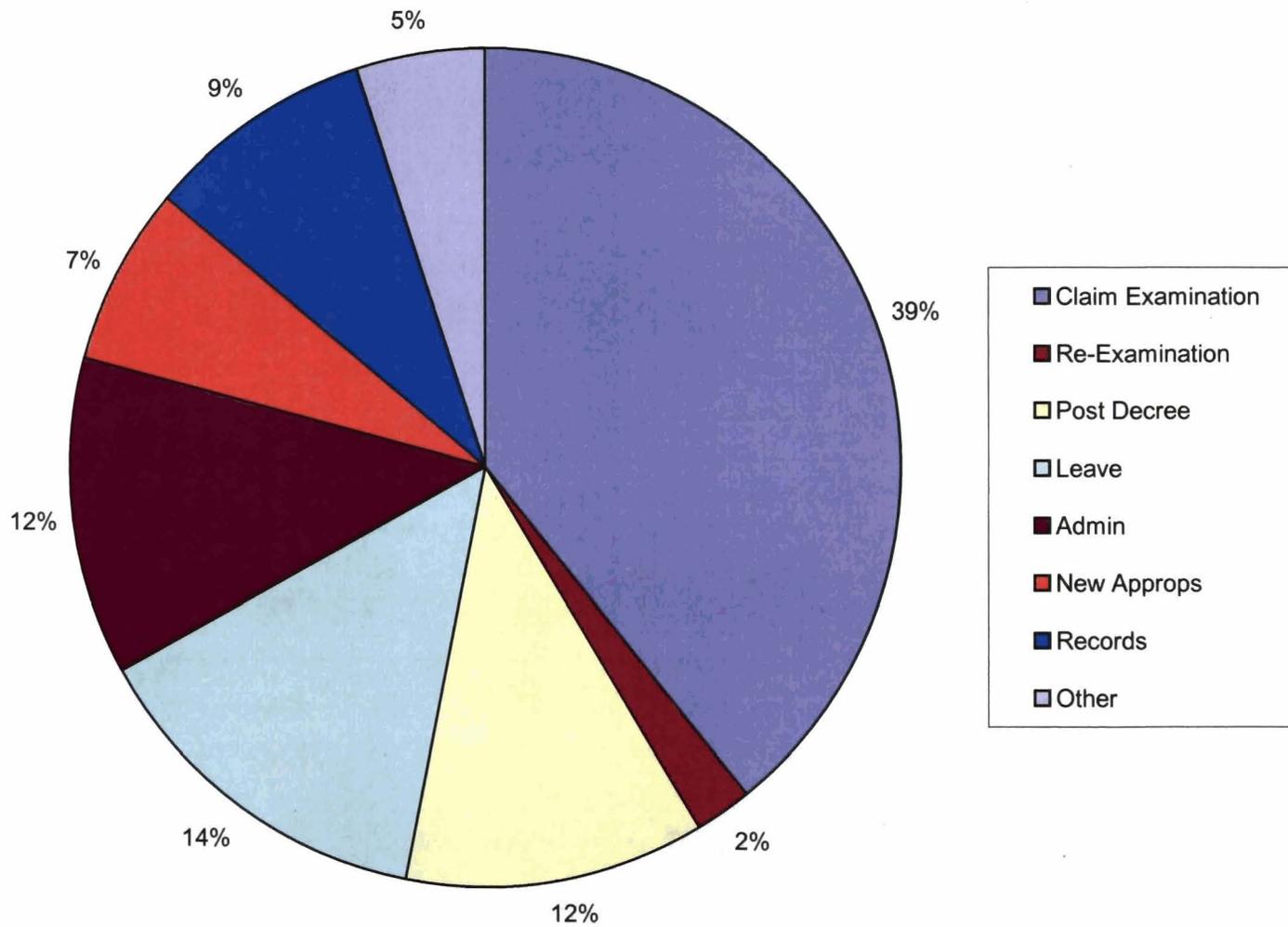


CHART 4

Appendix A

BILLINGS REGIONAL OFFICE ACTIVITY REPORT

BILLINGS REGIONAL OFFICE - WORK HOURS REPORTED														
Year	Exam	Re-Exam	Compact	Post Decree	St Projects	Leave/Hol	Admin	Training	New Approp	Records	Certification	Flood Plain	Complaints	Enforcemen
1990	135	3402		41	15	655	972	257	232	261	0			
1991	2941	318	0	62	144	733	842	71	158	339	0	99		
1992	3253	0	0	293	86	914	837	125	176	519	0	45	4	
1993	2665	0	0	724	72	945	955	98	516	455	0	28	0	
1994	2782	0	52	594	191	743	1103	65	473	182	0	67	7	
1995	2880	0	114	749	171	1019	684	31	485	120	0	82	47	
1996	1592	0	0	1914	108	628	723	53	136	138	0	57	40	
1997	2153	0	0	700	51	600	711	56	102	132	0	8	29	
1998	1622	0	48	367	18	995	658	34	100	315	0	35	54	
1999	2186	0	375	1022	24	611	697	114	81	306	0	0	13	
2000	2249	0	423	469	283	861	707	227	578	364	0	0	29	
2001	3044	0	0	139	51	729	848	48	366	373	0	12	72	
2002	2924	0	0	62	58	705	830	208	108	313	0	199	28	
2003	2211	0	0	524	101	1083	974	124	523	463	0	47	39	339
Total	32637	3720	1012	7660	1373	11221	11541	1511	4034	4280	0	679	362	339
%	40.61	4.63	1.26	9.53	1.71	13.96	14.36	1.88	5.02	5.33	0.00	0.84	0.45	0.42
Total hours all activities				80369										

BOZEMAN REGIONAL OFFICE ACTIVITY REPORT

Year	BOZEMAN REGIONAL OFFICE - WORK HOURS REPORTED													
	Exam	Re-Exam	Compact	Post-Decree	St Projects	Leave	Admin	Training	N Approp	Records	Certification	Flood Plain	Complaint	Enforcement
1990	930	0	0	340	18	343	193	0	0	255	0	0	0	0
1991	467	0	0	698	33	291	236	21	0	338	0	0	0	0
1992	701	0	0	346	66	347	191	43	0	368	0	16	0	0
1993	83	0	0	722	36	329	270	34	61	459	0	0	0	0
1994	203	0	0	517	98	256	305	3	159	537	0	0	0	0
1995	198	0	0	514	78	371	262	59	143	443	0	0	0	0
1996	26	0	0	847	121	307	210	25	62	488	0	0	1	0
1997	271	0	0	797	87	309	120	11	92	394	0	3	7	0
1998	582	0	0	436	73	284	136	44	60	415	0	0	5	0
1999	508	0	0	525	30	362	167	76	6	405	0	0	11	0
2000	704	0	0	345	7	312	173	62	0	399	0	66	12	0
2001	44	0	0	450	55	305	191	44	0	435	0	7	0	626
2002	0	0	0	959	59	354	172	59	0	475	0	0	0	20
2003	0	0	0	249	64	391	124	37	0	309	0	0	2	892
TOTAL	4717	0	0	7745	825	4561	2750	518	583	5720	0	92	38	1538
%	16.22	0.00	0.00	26.63	2.84	15.68	9.45	1.78	2.00	19.67	0.00	0.32	0.13	5.29
Total Hours all activities				29087										

HAVRE REGIONAL OFFICE ACTIVITY REPORT

Year	HAVRE REGIONAL OFFICE - WORK HOURS REPORTED														
	Exam	Re-Exam	Compact	Post-Decree	St Projects	Leave	Admin	Training	N Approp	Records	Certification	Flood Plain	Complaint	Enforcement	
1990	6170	0	0	103	0	926	514	289	19	0	0	0	0	0	
1991	6492	0	0	38	0	982	499	9	53	2	0	0	0	0	
1992	5547	0	0	0	8	1041	489	80	1	56	0	0	0	0	
1993	3194	0	0	78	1	631	372	6	9	114	0	0	0	0	
1994	3229	0	0	91	0	600	498	0	18	136	0	0	0	0	
1995	2717	0	0	387	36	625	602	24	40	142	0	0	0	0	
1996	2128	0	0	318	35	715	643	0	75	92	0	0	0	0	
1997	2577	0	0	0	60	575	611	28	192	118	0	0	0	0	
1998	2825	0	0	74	35	527	563	10	51	158	0	0	0	0	
1999	2388	0	0	79	15	512	618	94	65	164	0	0	0	0	
2000	2448	0	0	292	29	487	608	0	0	292	0	0	0	0	
2001	2229	0	0	142	21	530	577	16	503	131	0	0	27	0	
2002	2993	0	0	24	9	603	430	0	49	57	0	0	10	0	
2003	3019	0	0	28	4	548	470	0	3	95	0	8	0	0	
Total	47956	0	0	1654	253	9302	7494	556	1078	1557	0	8	37	0	
%	68.61	0.00	0.00	2.37	0.36	13.31	10.72	0.80	1.54	2.23	0.00	0.01	0.05	0.00	
Total hours all Activities				69895											

HELENA REGIONAL OFFICE ACTIVITY REPORT

HELENA REGIONAL OFFICE - WORK HOURS REPORTED														
Year	Claims	Re-Exam	Compact	Post-Decree	St Projects	Leave	Admin	Training	N Approp	Records	Certification	Flood Plain	Complaint	Enforcement
1990	3734	0	0	429	11	987	1256	232	797	838	0	0	0	0
1991	4177	0	0	819	15	1198	702	53	283	880	0	0	0	0
1992	2676	0	0	1125	0	1054	379	12	665	614	0	0	4	0
1993	2559	0	0	752	0	929	662	19	564	800	0	0	0	0
1994	2664	0	0	166	0	1019	713	85	819	727	0	9	8	0
1995	2033	0	0	1032	35	838	691	159	794	647	0	0	0	0
1996	1812	0	0	1195	54	817	1170	27	556	583	0	60	113	0
1997	889	0	0	1539	27	839	1007	15	1523	357	0	25	50	0
1998	2219	0	0	1572	4	957	395	123	640	264	0	16	84	0
1999	1373	0	0	993	0	838	705	224	989	663	0	0	57	0
2000	1383	0	0	835	0	697	783	206	710	540	0	0	54	0
2001	2200	0	0	46	8	782	601	179	937	754	0	0	18	0
2002	2157	0	0	232	0	908	515	225	1325	730	0	13	110	0
2003	1973	0	0	8	80	643	656	133	1816	333	0	0	20	0
Total	31849	0	0	10743	234	12506	10235	1692	12418	8730	0	123	518	0
%	35.77	0.00	0.00	12.06	0.26	14.04	11.49	1.90	13.95	9.80	0.00	0.14	0.58	0.00
Total hours all activities				89048										

LEWISTOWN REGIONAL OFFICE ACTIVITY REPORT

LEWISTOWN REGIONAL OFFICE - WORK HOURS REPORTED														
Year	Exam	Re-Exam	Compact	Post-Decree	St Projects	Leave	Admin	Training	N Approp	Records	Certification	Flood Plain	Complaint	Enforcement
1990	739	0	0	846	118	120	101	8	0	31	0	0	0	0
1991	110	0	0	1004	141	352	232	46	60	33	0	11	0	0
1992	193	0	0	970	260	218	258	15	29	35	0	0	0	0
1993	611	0	0	557	260	151	327	2	23	55	0	0	0	0
1994	29	0	0	1201	246	184	296	0	1	41	0	2	0	0
1995	55	0	0	1068	253	253	327	5	2	36	0	0	0	0
1996	282	0	0	584	301	270	340	47	0	44	0	85	0	0
1997	203	225	0	464	432	229	288	32	4	20	0	94	0	0
1998	151	760	0	215	187	250	326	46	4	47	0	0	0	0
1999	29	1134	0	38	125	231	300	69	5	40	0	12	0	0
2000	21	1077	0	23	193	234	344	0	8	88	0	0	0	0
2001	340	509	0	88	110	274	296	22	18	41	197	0	0	0
2002	14	200	0	78	104	213	358	29	15	42	909	0	0	0
2003	46	97	0	38	15	32	100	0	4	37	304	0	0	0
Total	2823	4002	0	7174	2745	3011	3893	321	173	590	1410	204	0	0
%	10.72	15.19	0.00	27.23	10.42	11.43	14.78	1.22	0.66	2.24	5.35	0.77	0.00	0.00
Total Hours all activities				26346										

MISSOULA REGIONAL OFFICE ACTIVITY REPORT

MISSOULA REGIONAL OFFICE - WORK HOURS REPORTED														
Year	Exam	Re-Exam	Compact	Post-Decree	St Projects	Leave	Admin	Training	N Approp	Records	Certification	Flood Plain	Complaint	Enforcement
1990	3729	0	0	39	14	587	426	0	266	535	0	0	0	0
1991	3489	0	0	170	158	902	511	0	452	887	0	0	0	0
1992	2149	0	0	283	29	1007	1272	0	518	830	0	0	0	0
1993	2644	0	0	201	37	595	440	0	158	1154	0	0	0	0
1994	2205	0	0	828	0	798	654	52	188	1243	0	0	35	0
1995	2730	0	0	869	0	899	732	50	174	801	0	0	2	0
1996	2644	0	0	1110	37	935	591	224	170	530	0	4	24	0
1997	2638	0	0	550	150	731	547	471	75	460	0	0	6	0
1998	1514	0	0	1202	104	899	1081	269	499	1278	0	0	22	0
1999	864	0	0	756	204	1173	920	184	2071	980	0	0	24	0
2000	339	0	0	1383	55	902	754	67	1297	1183	0	0	8	0
2001	161	0	0	812	7	798	871	11	1583	1141	0	0	9	0
2002	177	0	0	129	11	176	82	0	119	185	0	0	0	0
2003	218	0	0	642	28	470	130	0	122	500	311	0	2	0
Total	25501	0	0	8974	834	10872	9011	1328	7692	11707	311	4	132	0
%	33.39	0.00	0.00	11.75	1.09	14.24	11.80	1.74	10.07	15.33	0.41	0.01	0.17	0.00
Total hours all activities				76366										
*incomplete data for 2001 and 2002														

Costs To DNRC to Complete Claims Examination in 10 and 15 Years

	Personal Services Per FTE	Operating Expenses Per FTE*	Total Personal Services Per Year		Total Operating Expenses Per Year		Total Cost Per Year	
			10 Year Completion	15 Year Completion	10 Year Completion	15 Year Completion	10 Year Completion	15 Year Completion
Claim Examination	36,406	12,500	367,701	123,780	126,250	42,400	493,451	166,280
Remaining Cases	36,406	12,500	36,406	36,406	12,500	12,500	48,906	48,906
Central Office Support	21,524	8,000	32,286	12,000	32,286	12,000	44,286	44,286
Records Staff	25,296	8,000	50,592	16,000	50,592	16,000	66,592	66,592
GIS Support	39,866	10,800	79,732	21,600	79,732	21,600	101,332	101,392
Enforcement	36,406	12,500	87,374	30,000	87,374	30,000	117,374	113,374
Sub-Total			653,591	443,670	218,350	101,100	871,941	544,770
Re-Examination	36,406	12,500	400,466	254,842	137,500	87,500	537,966	342,342
Grand Total			1,054,057	698,512	355,850	188,600	1,409,907	887,112
*Assumes first years costs may be higher due to Office Set-up Costs, and possibly Regional Offices needing larger office spaces								