

1977

MISCELLANEOUS SEDIMENT DATA

FOR

ALBERTA

AND THE

NORTHWEST TERRITORIES

PREPARED BY: R. E. KERBER, P. ENG.
WATER SURVEY OF CANADA
CALGARY, ALBERTA
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ALBERTA MISCELLANEOUS SUSPENDED

SEDIMENT PROGRAM

1977

INTRODUCTION

This is the 3rd year of the Miscellaneous Suspended Sediment Program used to supplement the existing Water Survey of Canada sediment network with a co-operative provincial-federal miscellaneous sampling program. Data collected under this program has been compiled in this publication in a readily usable form.

The miscellaneous sampling program allows for a random distribution of sampling points throughout Alberta to obtain a maximum amount of information. The miscellaneous sampling network is based on solicited input from agencies as the Alberta Department of Environment and others, who may require immediate information at a specific location or agencies requiring only limited data to meet their needs.

Samples are taken by the agency who require the information and/or other agencies who may be in the vicinity. Water Survey of Canada field personnel have collected data at selected hydrometric stations which fall under this category to supplement the regular sediment program.

Samples collected were sent to the Water Survey of Canada, Sediment Laboratory in Calgary who analyze the suspended sediment samples and forward the bed material and particle size analysis to the Water Survey of Canada Sediment Laboratory in Regina.

A short discussion on the merits of a miscellaneous sediment program was given in the 1974-75 publication.

FORMAT OF DATA

Data is presented in tabular form in the three Appendices. Each Appendix is arranged in alphabetical order of river basin.

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RELATED PUBLICATIONS

Publications of the Water Survey of Canada pertaining to suspended sediment data are as follows:

(1) "Sediment Data Canadian River, 1976 etc"

- An annual publication of the results of the sediment survey investigations in Canada. Contains information on the current years daily quantity and character of stream transported sediment on the regular sediment station network.

(2) "Historical Sediment Data Summary Canadian Rivers to 1974"

- An historical summary of the monthly and annual mean suspended load and annual extremes of suspended sediment and total suspended load for rivers for which sediment data to 1974 inclusive has been collected by Water Survey of Canada.

(3) "Surface Water Data, Alberta 1976 etc"

- An annual publication of the results of the hydrometric survey investigations made in Alberta by Water Survey of Canada in the current year. Previous years publications are also available along with a publication on a historical summary.

Copies of the above publications may be obtained from:

Mr. R. D. May, Regional Chief

Alberta & N.W.T. Region

Water Survey of Canada

Inland Waters Directorate

Environment Canada

110 - 11 Avenue S.W.,

CALGARY, Alberta.

T2R OB8

ACKNOWLEDGEMENTS

This report was prepared by Mr. R. E. Kerber.

Suspended sediment data was analyzed by Water Survey of Canada, Calgary Sediment Laboratory. Particle-Size and Bed Material Analysis was carried out by Water Survey of Canada, Regina Sediment Laboratory.

Data compilation was carried out by Mr. D. Bucilla and Miss J. Christie.

Information was also collected by the following agencies and is gratefully acknowledged:

Alberta Department of Environment (ADOE)

Alberta Research Council (ARC)

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SUSPENDED SEDIMENT DATA

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ATHABASCA RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: ATHABASCA RIVER AT CUT-OFF

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 20	699.58	11			595	153	ADOE
May 31	699.90	15			320	152	ADOE
June 13	700.94	16			1900	149	ADOE
June 28	695.99	17			214	150	ADOE
July 12	698.28	17			145	145	ADOE
July 26	699.92	19			181	151	ADOE
Aug. 9	698.08	16			225	152	ADOE
Aug. 24	696.16	14			120	156	ADOE
Sept. 7	696.96	13			156	144	ADOE
Sept. 19	695.27				99	158	ADOE
Oct. 4	695.63	8			83	168	ADOE

STATION: ATHABASCA RIVER NEAR WINDFALL

NO.: 07AE001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 9	7.66	9	14200	13800	171	155	WSC
June 1	8.56	12	18400	18600	124	164	WSC
June 22	10.14	14	29400	29200	195	123	WSC
Sept. 28	7.58	6	13500	13600	20	185	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BARIL RIVER ABOVE PEACE RIVER

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 24	688.66	13			1310	169	ADOE
June 10	691.79	13			2070	193	ADOE
June 21	690.13	18			2190	160	ADOE
July 7	687.57	18			235	199	ADOE
July 19	689.39	17			295	152	ADOE
Aug. 3	687.39	16			47	185	ADOE
Aug. 17	685.87	16			116	188	ADOE
Aug. 29	684.39	14			210	217	ADOE

STATION: BEAVER RIVER ABOVE SYNCRUDE

NO.: 07DA018

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 10	5.14	1	7.7	7.7	19	368	WSC
Apr. 13	5.12	1	27.6	27.6	36	158	WSC
Apr. 15	6.17	1	55.6	55.6	76	132	WSC
Apr. 18	6.65	1	100	100	198	127	WSC
Apr. 20	6.26	1	53.1	55.3	72	132	WSC
Apr. 22	6.16	0	46.0	46.0	60	143	WSC
May 4	4.17	6	26.1	25.3	25	189	WSC
May 6	4.14	8	24.4		17	199	WSC
June 4	4.87	10	59.6	61.4	52	160	WSC
June 21		14	23.1		12	226	WSC
July 28	3.85	17	9.0	9.9	9	252	WSC
Aug. 25	5.20		12.7		39	314	WSC
Sept. 22	5.55	11	8.1	8.2	6	295	WSC
Oct. 18	5.75	4	11.7	11.6	6	253	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BEAVER RIVER AT HIGHWAY #63

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Sept. 21*					6	377	AOSERP

STATION: BIG POINT CHANNEL BELOW DIVERGENCE

NO.: 07DD006

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 20	689.80	14			628	160	ADOE
June 13	691.49	16			490	154	ADOE
June 28	690.60	18			182	152	ADOE
July 12	690.44	19			130	150	ADOE
July 25	691.47	20			261	151	ADOE
Aug. 9	690.98	15			279	153	ADOE
Aug. 24	690.18	15			63	147	ADOE
Sept. 12	689.98	12			82	161	ADOE
Sept. 18	689.71	11			52	158	ADOE
Oct. 4	689.73	8			40	159	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BRIDGE CREEK AT HIGHWAY # 63

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Sept 21					25	327	AOSERP

STATION: BUFFALO BAY AT GROUARD

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 13	85.82	2			211	173	ADOE
Apr. 15	86.15	2			127	150	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: DOVER RIVER NEAR THE MOUTH

NO.: 07DB002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 27	4.09	14	14.9	15.8	8	317	WSC
July 25	4.17	22	28.6	28.5	8	296	WSC
Aug. 22	4.00	14	4.6	5.2	6	339	WSC
Sept. 15	4.77	12	4.4		6	354	WSC
Oct. 17		4	30.4	29.6	8	372	WSC

STATION: DRIFTPILE RIVER NEAR DRIFTPILE

NO.: 07BH003

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 15	7.12		707	690	963	119	WSC
Apr. 26	7.43		740	770	653	118	WSC
May 24	5.26		392	384	106	134	WSC
June 24	4.24	18	259		175	176	WSC
July 20	6.43	14	548	583	65	117	WSC
Aug. 24	2.22	14	37.5	39.2	13	200	WSC
Sept. 19	2.57	9	66.0	65.5	20	176	WSC
Oct. 26	2.78	4	85.8	86.1	20	155	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: DUNKIRK RIVER NEAR FORT MACKAY

NO.: 07DB003

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 28	7.00	18	64.5	63.4	6	189	WSC
July 26	7.99	13	249	253	10	167	WSC
Aug. 23	6.81	12	37.7	39.0	4	196	WSC
Sept. 21	6.85	11	45.3	44.6	3	217	WSC
Oct. 18	7.00	3	85.0	85.8	3	215	WSC

TATION: EAST PRAIRIE RIVER NEAR ENILDA

NO.: 07BF001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12*	10.9	1	2240		3640	134	ADOE
Apr. 13	10.35	1	1750	1770	3990	136	WSC
Apr. 15*	9.8	2	1440		2010	118	ADOE
Apr. 26	9.37	8	1130	1070	1690	154	WSC
May 24	9.27		792	793	62	135	WSC
June 24	9.38	19	442		832	168	WSC
July 18	11.20	14	2120	2120	2920	139	WSC
Aug. 25	7.79	12	98.0	91.4	27	249	WSC
Sept. 19	7.84	10	98.0	101	37	229	WSC
Oct. 26	7.93	3	95.3	127	57	204	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: EAST PRAIRIE RIVER - UPSTREAM

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 11*	79.43	1			1839	121	ADOE
Apr. 12*	77.49	2			1100	118	ADOE
Apr. 14*	77.88	1			1210	125	ADOE

STATION: ELLS RIVER NEAR THE MOUTH

NO.: 07DA017

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 11	9.90	0	32.2	32.2	17	195	WSC
Apr. 14	10.65	0	146	146	55	165	WSC
Apr. 16	10.91	1	219	219	62	161	WSC
Apr. 19	10.95	0	286	286	51	148	WSC
Apr. 21	10.37	1	216	216	81	138	WSC
Apr. 26	9.31	2	269	263	144	113	WSC
May 4	8.90	15	150	146	17	140	WSC
May 30	9.18		218	216	16	143	WSC
June 27	9.01	16	172	171	4	136	WSC
July 25	9.67	17	380	388	25	133	WSC
Aug. 22	9.35	15	259	264	5	114	WSC
Sept. 19	9.03	12	173	175	4	125	WSC
Oct. 17		5	182	183	6	137	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: EMBARRAS RIVER BELOW DIVERGENCE

NO.: 07DD003

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 20	689.80	11			658	163	ADOE
May 31	698.61	15			404	156	ADOE
June 13	699.62	16			400	151	ADOE
June 28	697.26	17			224	146	ADOE
July 12	697.23	17			122	146	ADOE
July 26	698.60	19			210	145	ADOE
Aug. 9	696.86	16			202	148	ADOE
Aug. 24	694.78	14			94	162	ADOE
Sept. 7	695.55	12			99	157	ADOE
Sept. 19	693.57	11			65	167	ADOE
Oct. 4	694.11	8			71	176	ADOE

STATION: FIREBAG RIVER NEAR THE MOUTH

NO.: 07DC001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12	4.97	0	600	593	27	158	WSC
Apr. 17	5.45	0	1700		45	92	WSC
Apr. 19		1	2610	2610	35	89	WSC
Apr. 27	5.07	5	1950	2050	71	99	WSC
May 10		12	1210	1210	26	111	WSC
June 8	4.47	14	1290	1310	18	112	WSC
July 7	5.07	10	1960	1970	40	127	WSC
Aug. 4		16	744	717	5	148	WSC
Aug. 24	3.67	12	567	560	9	150	WSC
Sept. 22	4.01	11	851	849	4	147	WSC
Oct. 21	4.13	1	909	916	5	141	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: FLETCHER CHANNEL BELOW DIVERGENCE

NO.: 07DD004

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 20	692.39	14			781	165	ADOE
June 1	693.42	17			360	162	ADOE
June 13	694.03	16			514	162	ADOE
June 28	692.57	18			237	148	ADOE
July 12	692.20	19			179	151	ADOE
July 25	693.88	19			427	145	ADOE
Aug. 9	692.77	16			306	153	ADOE
Aug. 24	691.56	14			69	155	ADOE
Sept.12	690.37	12			91	157	ADOE
Sept.19	689.75	12			81	162	ADOE
Oct. 4	690.90	6			57	171	ADOE

TATION: FREEMAN RIVER NEAR FT. ASSINIBOINE

NO.: 07AH001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr.12	4.52	0	912	816	153	123	WSC
Apr.18	4.22	2	645	646	455	114	WSC
May 8	6.99	11	2410	2420	455	121	WSC
June21	4.56	18	623	626	36	127	WSC
Aug.23	3.62	11	135	139	5	178	WSC
Sept27	4.04	10	263	283	26	163	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: GOOSE ISLAND CHANNEL BELOW DIVERGENCE

NO.: 07DD005

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 20	689.85	14			597	157	ADOE
June 13	691.41	16			524	145	ADOE
June 28	690.59	18			171	144	ADOE
July 12	690.46	19			138	144	ADOE
July 25	691.54	20			305	144	ADOE
Aug. 9	691.08	16			303	150	ADOE
Aug. 24	690.23	14			65	158	ADOE
Sept. 12	690.01	12			79	170	ADOE
Sept. 19	689.68	12			46	163	ADOE
Oct. 4	689.64	6			55	174	ADOE

STATION: HARTLEY CREEK AT SITE #2

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 16					9	167	ADOE
June 22					3	173	ADOE
Aug. 16					3	207	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: HARTLEY CREEK AT SITE #2a

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 16					5	156	ADOE
July 18					4	174	ADOE
Aug. 17					7	210	ADOE

TATION: HARTLEY CREEK AT SITE # 6

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Aug. 17					6	200	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: HARTLEY CREEK AT SITE #7

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 20					1	171	ADOE
Aug. 17					3	196	ADOE

TATION: HARTLEY CREEK AT SITE #13

NO. :

[illegible]

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: HARTLEY CREEK AT SITE #14

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 20					3	128	ADOE
Aug. 17					9	145	ADOE

TATION: HARTLEY CREEK NEAR FORT MACKAY

NO. : 07DA009

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12	4.22	0	34.3	34.3	10	127	WSC
Apr. 14	4.48	1	73.5	73.5	12	127	WSC
Apr. 16	4.69	1	84.6	84.6	12	102	WSC
Apr. 19	5.27	1	133	133	32	96	WSC
Apr. 21	5.32	1	131	131	39	101	WSC
May 2	3.57	8	47.6	48.3	8	126	WSC
June 4	3.75	10	55.2	55.5	6	152	WSC
June 27	2.83	13	19.1	18.2	6	183	WSC
July 26	3.24	19	34.1	34.4	6	194	WSC
Aug. 22	2.47	12	8.9	10.1	5	214	WSC
Sept. 22	2.97	10	17.9	18.1	2	207	WSC
Oct. 20	3.42	3	36.8	37.6	2	182	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: JOSLYN CREEK NEAR FORT MACKAY

NO.: 07DA016

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 11	9.72	0	4.4	4.4	20	521	WSC
Apr. 14	9.69	0	11.0	11.0	35	432	WSC
Apr. 16	9.67	0	34.0	34.0	74	306	WSC
Apr. 19	9.22	1	39.0	39.0	60	193	WSC
Apr. 21	9.10	1	46.5	46.5	61	184	WSC
Apr. 26	8.31	1	26.2	26.2	93	180	WSC
May 4	6.93	8	16.4	19.2	142	219	WSC
May 30	6.78		13.5	13.3	69	295	WSC
June 27	7.16	16	5.1	5.0	25	340	WSC
July 25	7.20	13	16.7	16.4	106	294	WSC
Aug. 22	6.76	12	4.3	4.4	28	321	WSC
Sept. 19	7.07	12	7.0	7.5	11	330	WSC
Oct. 17	7.31	3	18.8	18.7	22	301	WSC

STATION: LESSER SLAVE RIVER AT HIGHWAY NO. 2

NO.: 07BK006

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12	7.70	4	2860	2810	166	143	WSC
Apr. 26	8.47	6	3160	3110	134	135	WSC
May 25	9.36		3710	3640	110	139	WSC
June 24	9.91	17	4030		127	144	WSC
July 19	11.28	15	4510	4520	31	126	WSC
Aug. 23	9.56	16	3740	3820	37	137	WSC
Sept. 19	9.17	12	3560		36	129	WSC
Oct. 25	8.78	5	3310		43	128	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: LITTLE PADDLE RIVER NEAR MAYERTHORPE

NO.: 07BB005

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 8	3.10	0	148	145	112	202	WSC
Apr. 10	3.30	1	175	173	339	191	WSC
Apr. 14	2.71	2	88.2	94.0	176	204	WSC
Apr. 21	2.24	2	28.7	28.7	64	228	WSC
May 8	2.98	14	200		130	234	WSC
May 30	6.74		1320	1100	434	212	WSC
June 22	2.06	22	16.0	16.1	14	224	WSC
Aug. 24	2.90	12	7.3	7.4	22	262	WSC
Sept. 28	4.21	10	55.1	52.7	42	279	WSC

STATION: LOVETT RIVER NEAR THE MOUTH

NO.: 07BA003

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 26	1.90	1	18.8	18.7	50	102	WSC
May 9	3.00	5	110	99.5	124	90	WSC
May 25	3.33	6	155	159	78	85	WSC
June 14	2.51	8	110	113	21	98	WSC
July 12	2.46	8	96.0	94.3	19	95	WSC
Aug. 9	2.54	8	104	104	69	116	WSC
Sept. 14	1.53	3	68.0	68.3	28	113	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MACKAY RIVER NEAR FORT MACKAY

NO.: 07DB001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 11	7.95	0	400	400	88	336	WSC
Apr. 14	8.66	0	427	427	80	175	WSC
Apr. 17	10.55	0	540		125	157	WSC
Apr. 19	8.59	1	749	749	153	141	WSC
Apr. 21	8.66	1	700	700	157	135	WSC
May 2	5.33	10	403	393	26	175	WSC
June 4	6.12	11	622	611	45	174	WSC
June 27	5.21	14	303	306	11	200	WSC
July 25	5.78	17	486	491	15	182	WSC
Aug. 22	4.65	15	112	116	4	228	WSC
Sept. 19	4.57	12	120	108	4	251	WSC
Oct. 17		5	295	275	7	225	WSC

STATION: MCLEOD RIVER ABOVE EMBARRAS RIVER

NO.: 07AF002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 22	6.31		1500	1400	30	157	WSC
July 20	6.01		1250	1210	7	167	WSC
Aug. 24	6.39	10	1540	1530	19	170	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: McLEOD RIVER NEAR WHITECOURT

NO.: 07AG004

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 20	5.40	1	974	951	12	177	WSC
May 10	8.93	9	9020	9140	311	147	WSC
May 31	11.74	12	21500	19500	1240	146	WSC
June 22	6.54	22	2380	2310	12	168	WSC
Aug. 24	6.79	12	3010	3060	12	180	WSC
Sept. 28	8.11	9	5690	5770	55	182	WSC

STATION: MUSKEG RIVER

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 24					4	236	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MUSKEG RIVER AT SITE #1

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 16					5	177	ADOE
July 18					5	233	ADOE

STATION: MUSKEG RIVER AT SITE #3

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 18					6	193	ADOE
Aug. 16					6	213	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MUSKEG RIVER AT SITE #4 NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Aug. 16					6	260	ADOE

STATION: MUSKEG RIVER AT SITE #5 NO.:

[illegible]

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MUSKEG RIVER AT SITE #8 NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 21					5	190	ADOE
July 20					2	186	ADOE
Aug. 17					8	214	ADOE

STATION: MUSKEG RIVER AT SITE #9 NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 21					2	177	ADOE
July 19					2	211	ADOE
Aug. 17					7	211	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MUSKEG RIVER AT SITE #10

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 19					5	171	ADOE
Aug. 16					4	159	ADOE

STATION: MUSKEG RIVER AT SITE #11

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 21					7	180	ADOE
July 19					3	172	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MUSKEG RIVER AT SITE #12

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 19					6	134	ADOE
Aug. 16					4	242	ADOE

STATION: MUSKEG RIVER AT SITE #14

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 22					6	124	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MUSKEG RIVER NEAR FORT MACKAY

NO.: 07DA008

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12	5.80	0	90.0	90.0	14	162	WSC
Apr. 14	5.61	0	164	164	15	150	WSC
Apr. 16	5.69	1	213	213	13	120	WSC
Apr. 20	5.98	1	365	365	28	110	WSC
Apr. 22	5.39	1	311	311	19	95	WSC
May 2	4.86	6	180	179	6	140	WSC
June 4	4.81	10	172	177	7	181	WSC
June 29	4.19	15	57.3	57.5	5	292	WSC
July 28	4.52	16	134	134	6	249	WSC
Aug. 25	4.12	12	42.1	37.4	3	244	WSC
Sept. 22	4.27	11	69.5	69.7	3	283	WSC
Oct. 20	4.72	3	157	157	5	206	WSC

STATION: MUSKEG RIVER TRIBUTARY

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Aug. 17					24	210	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: PADDLE RIVER NEAR ROCHFORD BRIDGE

NO.: 07BB004

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 8	4.85	0	321	310	285	192	WSC
Apr. 10	5.17	1	398	419	428	202	WSC
Apr. 14	4.34	1	156	158	121	210	WSC
Apr. 21	3.73	2	42.4	58.4	34	238	WSC
May 9	5.21	12	421	440	253	212	WSC
May 30	12.85		2660	2790	880	207	WSC
June 1	5.94	13	588	555	507	216	WSC
June 23	3.17	20	13.7	13.4	11	333	WSC
Aug. 25	3.14	12	22.0	16.2	17	324	WSC
Sept. 29	4.20	7	153	157	81	273	WSC

STATION: PEMBINA RIVER AT JARVIE

NO.: 07BC002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 19	3.77	3	1440	1480	198	216	WSC
May 11	9.33	12	7100	6990	2120	177	WSC
June 13	6.54		3720	3710	307	201	WSC
June 20	5.10	22	2310	2310	151	184	WSC
July 27	4.21	20	1660	1670	116	206	WSC
Sept. 26	4.24		1760	1760	60	171	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: PEMBINA RIVER NEAR ENTWISTLE

NO.: 07BB002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 8	8.07	8	5730	6000	128	146	WSC
June 23	3.79	18	740	738	10	168	WSC
July 18	4.50	18	1240		22	152	WSC
Aug. 22	3.84	15	762	773	10	162	WSC
Sept. 26	4.20	9	1020	999	11	161	WSC

STATION: PINE CREEK NEAR GRASSLAND

NO.: 07CA005

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 10	3.88	15	73.4	76.7	23	291	WSC
June 7	4.73	19	182	168	54	298	WSC
July 6	3.58	14	11.7	10.7	29	309	WSC
Aug. 10	4.07	16	43.6	47.3	21	272	WSC
Sept. 7	4.70	12	36.7	36.8	37	288	WSC
Oct. 6	4.07	4	101	101	36		WSC

*Mean of two or more samples

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION:

SHADOW CREEK

NO. 3

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 10*	94.55	2			85	147	ADOE

TATION:

SOUTH HEART RIVER NORTH OF HIGH PRAIRIE

NO. :

[illegible]

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: SOUTH HEART RIVER ABOVE WEST PRAIRIE RIVER

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 11*	94.16	4			652	252	ADOE
Apr. 13*	92.52	4			380	272	ADOE
Apr. 14*	92.12	4			259	268	ADOE

STATION: SOUTH HEART RIVER - DOWNSTREAM

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12*	93.62	1			600	174	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: STANLEY CREEK AT SITE #3a

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 20					3	185	AOSERP

TATION: STEEPBANK RIVER NEAR FORT McMURRAY

NO. : 07DA006

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 14	6.24	0	336	336	199	111	WSC
Apr. 16	6.32	0	408	408	431	101	WSC
Apr. 19	6.07	1	322	322	294	99	WSC
Apr. 21	6.10	2	444	442	415	95	WSC
May 2	5.41	1	234	236	53	113	WSC
June 4	6.07	10	431	425	67	117	WSC
June 29	4.99	14	110	109	12	168	WSC
July 28	5.14	18	160	156	6	170	WSC
Aug. 25	4.64	12	84.4	83.0	8	185	WSC
Sept. 22	4.71	11	84.0	84.7	3	214	WSC
Oct. 18	4.91	3	114	115	10	179	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: SWAN RIVER NEAR KINUSO

NO.: 07BJ001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 14	7.77		1850	1710	514	120	WSC
Apr. 25	6.06	9	1160	794	801	136	WSC
May 24	5.22		913	876	349	133	WSC
June 24	3.5	18	429		56	148	WSC
July 20	6.41	12	1180	1210	275	109	WSC
Aug. 24	1.66	14	105	105	28	176	WSC
Sept. 21	2.26	9	173	173	22	152	WSC
Oct. 27	2.57	3	227	232	9	138	WSC

STATION: WEST PRAIRIE RIVER NEAR HIGH PRAIRIE

NO.: 07BF002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 13	5.95	3	2110	2040	2430	141	WSC
Apr. 15	5.13	1	1390	-	1800	125	ADOE
Apr. 26	3.16	8	556	544	522	154	WSC
May 26	2.45		448	447	196	179	WSC
June 24	2.08	19	261		247	178	WSC
July 20	2.46	16	473	473	222	136	WSC
Aug. 25	-0.14	11	27.4	27.8	18	284	WSC
Sept. 21	9.78	10	25.0	24.6	15	262	WSC
Oct. 26	10.05	3	47.7	47.8	53	214	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: WEST PRAIRIE RIVER - UPSTREAM

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 10*	76.87	1			1750	118	ADCE
Apr. 13*	73.43	1			1850	121	ADCE

STATION:

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			

*Mean of two or more samples.

BOW RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BOW RIVER BELOW BASSANO DAM

NO.: 05BM004

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 29	2.40	12	105	107	14	245	WSC
May 4	2.41	13	95.9	93.6	10	250	WSC
May 9	2.46	16	126	127	8	232	WSC
May 27	3.83	16	1550	1420	11	218	WSC
June 16	4.26	14	2060	2010	15	175	WSC
June 23	3.80	16	1070	1070	8	169	WSC
July 12	3.40	17	200	159	3	174	WSC
Aug. 22	3.50	13	2020	2120	16	176	WSC
Sept. 28	2.67	10	675	153	8	198	WSC
Nov. 4	3.83	5	1470	1460	10	225	WSC

STATION: CATARACT CREEK NEAR FORESTRY ROAD

NO.: 05BL022

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 10*	3.75	4	104		11	132	ARC
May 16	3.7	4	89.3		4	132	ARC
May 24	4.0	5	155	152	20	124	ARC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: CROWFOOT CREEK NEAR CLUNY NO.: 05BM008

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	3.0	8			9	613	ARC

STATION: ELBOW RIVER AT BRAGG CREEK NO.: 05BJ004

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 5	3.04	3	148	148	7	239	WSC
May 4	2.48	5	133	133	1	265	WSC
May 26	3.11	6	407	423	7	220	WSC
July 4	2.70	13	230	229	1	235	WSC
July 27	2.66	11	173	179	1	250	WSC
Aug. 30	2.81	7	265	263	1	238	WSC
Sept 21	2.73	6	248	218	1	239	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: FISH CREEK NEAR PRIDDIS

NO.: 05BK001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	4.38	5	62.8		15	273	ARC

STATION: HIGHWOOD RIVER AT DIEBEL'S RANCH

NO.: 05BL019

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 16	2.3	5	384		2	203	ARC
May 24	2.6	7	521	533	12	191	"

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: HIGHWOOD RIVER BELOW PICKLEJAR CREEK

NO.: 05BL021

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 16	3.4	6	115		2	167	ARC
May 24	3.6	6	160	165	5	154	"

STATION: HIGHWOOD RIVER NEAR ALDERSYDE

NO.: 05BL009

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	4.0	8	442		3	210	ARC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: PEKISKO CREEK NEAR LONGVIEW

NO.: 05BL023

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	3.1	5	24.5		13	222	ARC
May 24	3.2	15	38.5		11	244	"

STATION: SHEEP RIVER AT TURNER VALLEY

NO.: 05BL014

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 5	2.57	1	102	92.1	24		WSC
May 3	2.50	10	77.2	78.3	4	221	"
May 10*	2.8	16	159		23	183	ARC
May 17	3.0	13	162		6	216	"
May 25	3.01	9	253	253	26	183	WSC
June 27	2.68	17	114	116	4	195	"
July 25	2.53	24	74.3	72.9	1	229	"
Aug. 25	2.86	10	183	184	28	196	"
Sept. 26	2.69	8	127	124	80	201	"

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: SPRAY RIVER AT BANFF

NO.: 05BC001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 27	3.17	4	51.6	51.6	1	269	WSC
June 28	3.71	12	166	169	8	231	"
July 26	3.66	15	149	149	13	232	"
Aug 29	3.60	7	137	139	3	236	"
Sept. 28	3.38	3	82.7	82.6	1	252	"
Nov. 3	3.19	1	54.0	54.0	0	260	"

STATION: STIMSON CREEK NEAR PEKISKO

NO.: 05BL007

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	3.1	8	17.4		21	297	ARC
May 24	3.2	16	17.5		16	335	"

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: THREEPOINT CREEK NEAR MILLARVILLE

NO.: 05BL013

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	3.0	7	103		19	263	ARC

STATION: WEST ARROWWOOD CREEK NEAR ARROWWOOD

NO.: 05BM014

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	-0.8	9	0.14		4	1460	ARC

*Mean of two or more samples.

MACKENZIE RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: HAY RIVER NEAR HAY RIVER NO.: 070B001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 27	24.19	1	18700	18700	539	165	WSC
Apr. 29	15.77	0	16200	16200	574	150	WSC
May 5	12.37	2	10000	10300	159	171	WSC
June 8	17.67	10	25200	25100	349	239	WSC
June 29	17.02	14	22500	22200	116	254	WSC
Sept. 20	10.83	10	6920	6900	34	286	WSC

STATION: MACKENZIE RIVER (EAST CHANNEL) AT INUVIK NO.: 10LC002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 6		13	13200	13300	153	163	WSC
July 25		14	3030		50	174	WSC
Aug. 5*		19	8970		282	150	WSC
Aug. 18		17	5980		50	169	WSC
Aug. 31		11	6580		40	183	WSC

*Mean of two or more samples.

MILK RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: ST. MARY RIVER NEAR CARDSTON

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 26	-0.15	4			48	173	ADOE
May 10	0.85	12			36	118	ADOE

STATION: ST. MARY RIVER AT INTERNATIONAL BOUNDARY

NO.: 05AE027

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 26	3.33	4	319		45	129	ADOE
May 10	4.36	10	787		29	111	ADOE

*Mean of two or more samples.

NORTH SASKATCHEWAN RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BEAVER RIVER AT COLD LAKE RESERVE

NO.: 06AD006

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 19	23.68	4	1620	1620	109	164	WSC
May 9	22.04	15	741	741	22	216	WSC
June 6	23.32	19	1440	1400	78	245	WSC
July 5	21.09	17	343	343	16	252	WSC
Aug. 9	22.40	15	951	952	40	203	WSC
Sept. 8	21.13	11	371	368	11	261	WSC
Oct. 5	22.02	4	851	855	14		WSC

STATION: NORTH SASKATCHEWAN RIVER AT EDMONTON

NO.: 05DF001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 12	11.71		9310	8840	126	199	WSC
May 30*			31900		2460	174	ADOE
May 31*			32500		1590	189	ADOE
June 3*	15.24		22500		555	202	ADOE
June 6*		15	13700		279	204	ADOE
June 7*			13800		245	204	ADOE
June 9*			11300		134	212	ADOE
June 23	11.94		11200	9530	78	212	WSC
July 28	11.78		7750	8870	37	204	WSC
Sept. 29	11.56		8640	8300	25	195	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: NORTH SASKATCHEWAN RIVER AT SAUNDERS

NO.: 05DC002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 27	0.63	5		1320	9	182	WSC
May 26	0.92	8	1650	1680	19	194	WSC
June 16	1.15	10	1740	1700	28	191	WSC
Aug. 11	1.12	12	2480	1900	5	161	WSC
Sept. 12	1.75	10	3340	3340	4	156	WSC

STATION: RAM RIVER NEAR THE MOUTH

NO.: 05DC006

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 25	2.36	12	325	306	53	297	WSC
May 26	3.92	10	1820	1880	242	193	WSC
June 15	3.43	12	1120	1160	90	217	WSC
July 11	3.47	11	1140	1230	177	218	WSC
Aug. 10	2.73	12	615	612	28	264	WSC
Sept. 15	2.82	7	766	780	11	247	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: REDWATER RIVER NEAR REDWATER NO.: 05EC003

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 8	9.14	2	269		32	214	WSC
Apr. 11	9.47	5	321	309	42	240	WSC

STATION: SIFFLEUR RIVER NEAR THE MOUTH NO.: 05DA002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 5	6.27		140	148	2	175	WSC
May 31	6.60		257	241	0	180	WSC
June 28	7.65	7	683	696	8	121	WSC
July 27	7.80	9	769	782	11	120	WSC
Aug. 30	7.07	6	398	394	3	144	WSC
Sept. 28	6.53	2	200	201	3	179	WSC
Nov. 1	5.98	1	83.7	83.7	1	236	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: VERMILION RIVER NEAR HAZELDINE

NO.: 05EE004

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
July 20	2.09	17	4.9	4.9	3	655	WSC
Aug. 17	2.08	19	4.2	4.4	5	579	WSC
Sept. 13	2.02	16	3.4	3.4	4	602	WSC
Oct. 12	2.05	7	5.9	5.9	2		WSC

STATION: WASKATENAU CREEK NEAR WASKATENAU

NO.: 05EC002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 18	3.55		79.6	74.5	8	329	WSC
May 9	2.36	16	1.5	1.6	3	455	WSC
June 10	4.25		19.6		6	488	WSC
July 4	4.32	19	0.19	0.17	3	447	WSC
Aug. 9	5.14	16	8.1	8.6	1	445	WSC
Sept. 8	5.08	12	2.3	2.1	3	430	WSC
Oct. 5	5.46	4	17.6	17.9	3	422	WSC

*Mean of two or more samples.

OLDMAN RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BELLY RIVER NEAR STANDOFF

NO.: 05AD002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 14	2.28	10	165	160	24	222	WSC
Apr. 27	1.84	8	71.9	74.5	21	250	WSC
May 26	1.94	16	95.5	95.0	9	216	WSC
June 28	1.89	18	78.8	81.6	19	205	WSC
July 27	1.81	20	68.5	65.3	16	218	WSC
Aug. 15	1.90	18	76.8	77.0	10	219	WSC
Aug. 30	1.87	12	66.6	67.5	150	209	WSC
Sept. 29	1.88	9	67.2	67.8	8	241	WSC
Oct. 25	1.94	6	73.9	72.7	13	220	WSC

STATION: LNID CANAL AT MENZAGHIES BRIDGE

NO.: 05AB016

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 13	3.48	7	172		52	203	ADOE
Apr. 15	4.10	6	348		153	208	ADOE
Apr. 20	4.75	5	501		96	211	ADOE
Apr. 28	5.13	8	595		151	174	ADOE
May 12	5.18	10	566		157	156	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: LNID CANAL BELOW WILLOW CREEK FLUME

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 13		4			86	209	ADOE
Apr. 21		5			99	218	ADOE
Apr. 28		9			147	173	ADOE
May 20		11			23	173	ADOE
May 26		12			43	157	ADOE

STATION: LNID CANAL AT OLDMAN FLUME

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12	0.12	4			38	214	ADOE
Apr. 15	1.65	6			125	221	ADOE
Apr. 20	3.32	5			96	211	ADOE
Apr. 27	4.00	8			158	186	ADOE
May 12	4.08	10			172	147	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: LNID CANAL AT OLDMAN HEADGATES NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12	0.26				23	212	ADOE
Apr. 14	0.55	6			45	229	ADOE
Apr. 18	1.44	6			33	215	ADOE
Apr. 20	1.94	5			9	223	ADOE
Apr. 27	2.47	8			96	183	ADOE
May 12	2.54	10			194	163	ADOE
May 24	2.09	10			13	171	ADOE

STATION: LNID CANAL BELOW MONARCH HEADGATES NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 14		7			260	199	ADOE
Apr. 21		6			257	213	ADOE
Apr. 28		9			263	176	ADOE
May 19		10			177	167	ADOE
May 16		7			100	150	ADOE
May 20		12			103	155	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: WATERTON RIVER NEAR GLENWOOD

NO.: 05AD028

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 14	1.24	9	54.0	54.0	3	191	WSC
Apr. 21	1.20	6	50.1	50.1	3	195	WSC
Apr. 26	1.20	14	48.4	48.4	2	187	WSC
May 12	3.04	16	90.8	92.2	10	174	WSC
June 2	3.02	10	93.1	93.6	8	161	WSC
July 5	3.00	15	74.2	82.6	11	179	WSC
July 26	2.94	17	67.3		13	197	WSC
Aug. 23	2.97	12	69.9	73.8	18	194	WSC
Sept. 29	3.00	11	78.0	77.0	11	183	WSC
Oct. 18	2.96	9	62.9	62.9	29	185	WSC

STATION: WILLOW CREEK NEAR CLARESHOLM

NO.: 05AB021

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 13	2.11	7	50.1	56.9	19	260	WSC
Apr. 25	1.89	12	32.5	33.8	7	291	WSC
May 24	1.91	13	30.8	30.7	5	277	WSC
June 23	1.59	19	11.1	10.6	4	259	WSC
July 21	1.45	17	3.7	3.8	5	238	WSC
Aug. 22	1.71	14	15.4	15.4	11	219	WSC
Sept. 22	1.68	13	14.6	14.1	4	251	WSC
Oct. 31	1.65	4	10.3		1	273	WSC

*Mean of two or more samples.

PEACE RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BIRCH RIVER BELOW ALICE CREEK

NO.: 07KE001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 12	15.31	0	185	185	45	912	WSC
Apr. 17	20.03	1	720		385	954	WSC
Apr. 23	18.43	4	1890	1840	275	190	WSC
May 3	16.86	10	1210	1180	127	198	WSC
June 1	16.45	13	1050	1050	63	217	WSC
June 29	14.92	16	545	534	24	314	WSC
July 27	19.66	19	2490	2510	117	206	WSC
Aug. 26	14.81	11	528	535	22	270	WSC
Sept. 20	14.65	11	495	482	14	243	WSC
Oct. 19	16.21	4	954	969	39	353	WSC

STATION: BOYER RIVER NEAR FORT VERMILION

NO.: 07JF002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 20	5.41	1	580	541	33	324	WSC
Apr. 28	4.88	4	409		49	306	WSC
June 2	4.27	17	266	257	16	452	WSC
June 23	6.40	21	1030	1020	42	479	WSC
July 27	3.65	22	116	121	15	516	WSC
Sept. 9	2.55	11	0.29	0.30	4	621	WSC
Oct. 6	2.61	1	0.33	0.30	4	657	WSC
Oct. 25	2.71	2	1.6	1.5	10	654	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: CHENAL DES QUATRE FOURCHES BELOW FOUR FORKS NO.: 07KF006

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 16	686.18	9			537	168	ADOE
May 30	686.88	14			660	162	ADOE
June 15	686.53	16			1300	157	ADOE
June 27	688.00	17			229	156	ADOE
July 11	688.12	19			42	156	ADOE
July 25	688.73	19			38	152	ADOE
Aug. 8	688.72	17			36	153	ADOE
Aug. 22	688.46	14			34	161	ADOE
Sept. 6	688.08	12			84	167	ADOE
Sept. 20	688.21	11			118	166	ADOE
Oct. 3	688.01	7			44	176	ADOE

STATION: KEG RIVER AT HIGHWAY #35 NO.: 07HF002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 18	4.37	8	302	297	373	236	WSC
June 13	6.44	12	628		809	262	WSC
June 24	3.24	21	118	125	265	316	WSC
July 28	2.32	18	37.4	37.2	59	352	WSC
Sept. 6	1.82	10	8.4	8.5	38	454	WSC
Oct. 6	1.77	4	5.7	6.5	25	471	WSC
Oct. 25	1.85	3	8.6	8.7	23	465	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: MAMAWI LAKE CHANNEL AT DOG CAMP

NO.: 07KF010

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 16	686.49	9			280	165	ADOE
May 30	686.81	15			331	160	ADOE
June 15*	687.52	16			1330	158	ADOE
June 27	687.65	17			58	154	ADOE
July 11	687.68	19			27	155	ADOE
July 25	688.11	19			60	159	ADOE
Aug. 8	688.10	17			16	155	ADOE
Aug. 22	687.86	14			17	156	ADOE
Sept. 6	687.59	12			18	196	ADOE
Sept. 20	687.59	11			73	163	ADOE
Oct. 3	687.49	7			68	224	ADOE

STATION: NOTIKWIN RIVER AT MANNING

NO.: 07HC001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 18	3.90	3	1070	1080	291	142	WSC
June 20	4.25	22	1410	1410	185	206	WSC
July 28	2.40	18	261	252	13	228	WSC
Sept. 6	2.59	10	368	366	18	192	WSC
Oct. 7	2.53	4	310	323	23	225	WSC
Oct. 25	2.61	3	344	340	25	229	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: PEACE RIVER AT DUNVEGAN BRIDGE NO.: 07FD003

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 13	17.39	15	116000	113000	4730	198	WSC
Aug. 18	17.80		57500	59900	130	128	WSC

STATION: PEACE RIVER AT PEACE POINT NO.: 07KC001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 5	19.53	4	95900	95,900	393	156	WSC
Oct. 26	17.43	5	71900	72,000	105	145	WSC

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: PONTON RIVER ABOVE BOYER RIVER

NO.: 07JF003

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 28	7.48	4	839	837	1050	166	WSC
June 2	7.50	16	775	796	270	131	WSC
June 23	7.52	21	783	801	244	133	WSC
July 27	7.94	22	958	979	297	119	WSC
Sept. 9	5.92	11	319	309	26	128	WSC
Oct. 6	5.46	2	226	224	13	142	WSC
Oct. 25	5.11	2	130	129	13	186	WSC

STATION: PRAIRIE RIVER NEAR LAKE CLAIRE

NO.: 07KF014

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 13	686.51	11			161	301	ADOE
May 30	686.53	14			655	294	ADOE
June 14	687.40	15			199	189	ADOE
July 11	687.79	19			65	169	ADOE
July 26	688.19	22			37	173	ADOE
Aug. 11	688.50	16			206	184	ADOE
Aug. 22	688.10	13			47	215	ADOE
Sept. 9	687.93	13			51	300	ADOE
Oct. 3	687.68	6			137	308	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: SIMONETTE RIVER NEAR GOODWIN

NO.: 07GF001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 11	6.85	3	7600	7830	2690	197	WSC
Apr. 13	5.59	5	4600	4730	1360	189	WSC
Apr. 27	4.02	14	2010	2210	551	202	WSC
May 25	4.08	11	2470	2470	314	174	WSC
June 28	2.51	20	724		43	222	WSC
July 27	2.72	22	966	980	47	196	WSC
Sept. 6	2.85	13	1080	1080	35	185	WSC
Oct. 3	3.04	5	1160	1200	83	173	WSC
Oct. 26	2.64	5	824	847	19	200	WSC

STATION:

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			

*Mean of two or more samples.

RED DEER RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: BEARBERRY CREEK NEAR SUNDRE

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr 6	3.66	1			112	150	ADOE
May 19	84.98	9			85	172	ADOE
May 30	85.45	11			302	180	ADOE
May 31	85.11	10			142	182	ADOE
June 16	84.24				58	224	ADOE

STATION: FALLENTIMBER CREEK NEAR SUNDRE

NO.:

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 13	84.46	4			5	196	ADOE
May 19	85.24	8			21	169	ADOE
May 31	85.31	10			23	167	ADOE
June 6	84.83				10	199	ADOE

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: RED DEER RIVER AT BURNT TIMBER

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 20	4.03	12			5	235	ADOE
May 26	5.10				14	200	"
June 15	13.92				20	213	"
June 29	12.14				5	213	"
July 20	11.91				3	222	"

STATION: RED RIVER AT MOUNTAIN AIRE

NO.: _____

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr. 7	8.46	0			3	287	ADOE
May 21	8.76	8			4	252	"

*Mean of two or more samples.

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: RED DEER RIVER AT SUNDRE

NO.: 05CA010

DATE	Stage. (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Apr 6	74.35	1			142	224	ADOE
May 19	75.28	8			17	214	"
June 16	75.85*				29	206	"

STATION: RED DEER RIVER BELOW BURNT TIMBER CREEK

NO.: 05CA009

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
June 2	5.85	9	2260	2350	179	178	WSC
June 6	5.02	11	1570	1650	21	205	"
July 11	5.47		1150	1230	13	205	"
Aug 10	4.30	10	960	1050	7	199	"

*Mean of two or more samples.

SLAVE RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: REVILLON COUPE BELOW RIVIERE DES ROCHERS NO.: 07NA004

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	685.86	11			64	153	ADOE
June 7	686.47	17			277	163	ADOE
June 16*	687.36	17			978	163	ADOE
June 29	687.08	17			833	119	ADOE
July 13	686.81	17			140	146	ADOE
July 27	687.58	19			40	115	ADOE
Aug. 10	687.11	16			47	135	ADOE
Aug. 22	687.32	14			91	144	ADOE
Sept. 8	686.87	12			87	131	ADOE
Sept. 21	686.94	11			280	151	ADOE
Oct. 5	686.61	7			42	96	ADOE

STATION: RIVIERE DES ROCHERS AT BEN HOULES CABIN NO.: 07NA002

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
May 17	685.84	11			351	166	ADOE
June 7	687.04	14			162	143	ADOE
June 16	687.64	16			237	153	ADOE
July 13	687.42	18			61	144	ADOE
July 27	688.06	19			41	114	ADOE
Aug. 10	687.61	16			45	118	ADOE
Aug. 23	687.64	14			31	123	ADOE
Sept. 8	687.36	12			23	114	ADOE
Sept. 21	687.41	11			34	141	ADOE
Oct. 5	687.14	7			48	92	ADOE

*Mean of two or more samples.

SOUTH SASKATCHEWAN RIVER BASIN

MISCELLANEOUS SUSPENDED SEDIMENT DATA

STATION: SOUTH SASKATCHEWAN RIVER AT MEDICINE HAT.

NO.: 05AJ001

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			
Mar. 11			3400	3550	23	230	WSC
Mar. 30			2330	2130	50	260	WSC
May 24	7.17		2790	2640	53	250	WSC
June 29	6.48	20	1750	1630	11	199	WSC
July 27	6.05	21	1470	1430	23	249	WSC
Aug. 31	7.50	14	3360	3440	16	342	WSC
Sept. 27	6.92	10	2320	2270	15	272	WSC
Oct. 26	6.50	7	1930	1900	13	270	WSC

STATION:

NO. :

DATE	Stage (ft.)	Water Temp. (°C)	Flow		Sed. Conc. (mg/l)	Diss. Solids (mg/l)	Sampling Agency
			Daily	Meas'd			

*Mean of two or more samples.

APPENDIX II

PARTICLE - SIZE DATA

OF

SUSPENDED SEDIMENT

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NORTH SASKATCHEWAN RIVER BASIN

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PEACE RIVER BASIN

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ATHABASCA RIVER BASIN

WISDA
10-603

[illegible]

REF ID: A79554

[illegible]

MEZDA
12-10

[illegible]

附錄 2.4
C-200

[illegible]

0232A
(2-50)

[illegible]

附註 3 及
附註 4

[illegible]

WZLJA
(9-00)

[illegible]

NORTH SASKATCHEWAN RIVER BASIN

ATISA
(7-60)

[illegible]

PEACE RIVER BASIN

WZB A
(15-000)

[illegible]

9253A
(2-57)

[illegible]

APPENDIX III

BED MATERIAL DATA

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PEACE RIVER BASIN

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SLAVE RIVER BASIN

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ATHABASCA RIVER BASIN

R 276
(10-69)

[illegible]

附 276
(30-699)

[illegible]

* 276
 (10-60)

for year 1977

[illegible]\$276
\$10.50

for year 1977

[illegible]

Particle-size analyses of bed ~~rock~~ material of GOOSE ISLAND CHANNEL BELOW DIVERGENCE Station No. 07DD005 for year 1977

(Methods of analysis: B, bottom withdrawal tube; P, pipette; S, sieve; N, in native water; W, in distilled water; C, chemically dispersed; M, mechanically dispersed; V, visual accumulation tube; H, hydrometer)

-97-

PEACE RIVER BASIN

R 276
(10-471)

(Methods of analysis: B, bottom withdrawal tube; P, pipette; S, sieve; N, in native water; W, in distilled water; C, chemically dispersed; M, mechanically dispersed; Y, visual accumulation tube; H, hydrometer)

[illegible]

276
(10-59)

(Methods of analysis): B, bottom withdrawal tube; P, pipette; S, sieve; N, in native water; W, in distilled water; C, chemically dispersed; M, mechanically dispersed; V, visual accumulation tube; H, hydrometer)

[illegible]

R 276
(130-601)

Station No. _____ for year 19 77

for year 19

[illegible]

R 276
 (10-40)

Station No. 07KF014 for year 1977

for year 19—

[illegible]

SLAVE RIVER BASIN

Particle-size analyses of bed material

Station No. 07NA002

for year 1977

R 276
 (10.69)

(Methods of analysis: B, bottom withdrawal tube; P, pipette; S, sieve; N, in native water; W, in distilled water; C, chemically dispersed; M, mechanically dispersed; V, visual accumulation tube; H, hydrometer)

[illegible]Particle-size analyses of bed ^{100%} material of

Station No. 07NA004

77
for year 19_____

276
 110-60

(Methods of analysis: B, bottom withdrawal tube; P, pipette; S, sieve; N, in native water; W, in distilled water; C, chemically dispersed; M, mechanically dispersed; V, visual accumulation tube; H, hydrometer)

[illegible]