

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 16 for the Coal Tracts Study **Benthic Sample ID:** 17996
Station ID: OTTER_16t **Rep. Num** 0
Reference Status: **STORET Activity ID:** OTT16tM-MAC-R
Site Classification: **Collection Date:** 05/19/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 511

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Callibaetis fluctuans	2			
		Gyraulus circumstriatus	8			
Amphipoda	Hyalella	Hyalella azteca	25	8	CG	SW/SP
Basommatop	Lymnaeidae	Stagnicola caperata	3	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	45	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	22	6	CG	CN
Coleoptera	Dubiraphia	Dubiraphia vittata	4	6	SC/CG	"CN/50%, BU/50%"
Coleoptera	Helophorus	Helophorus	1	5	SH	CM
Diptera	Ceratopogoninae	Bezzia	13	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	3	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Cladotanytarsus	7	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Dicrotendipes	15	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	6	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Microtendipes pedellus Gr.	1	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	35	7	CG/CF/PR	BU/CN/SP
Diptera	Ephydriidae	Ephydra	2	6	CG	BU
Diptera	Hedriodiscus/Odon	Odontomyia	1		CG	SP
Diptera	Orthoclaadiinae	Cricotopus	40		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	5		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	134	6	CF	CN
Diptera	Tanypodinae	Ablabesmyia	4		PR	SP/BU
Ephemeropte	Caenis	Caenis latipennis	90	8	CG	"SP/75%, CM/90%"
Haplotaxida	Oligochaeta	Tubificidae	1	8	CG	BU
Hemiptera	Corixidae	Corixidae	8	9	PH/PR	SW
Odonata	Coenagrionidae	Coenagrion	2	7	PR	CM
Odonata	Coenagrionidae	Enallagma	18	7	PR	CM
Odonata	Coenagrionidae	Ischnura	4	7	PR	CM
Odonata	Libellulidae	Sympetrum	1	9	PR	SP
Trichoptera	Cheumatopsyche	Cheumatopsyche	5	5	CF	CN
Trichoptera	Hydroptila	Hydroptila	2	6	PH	CN
Trichoptera	Limnephilus	Limnephilus	1	3	SH	CM/SP
Trombidiform	Acarina	Hydrodroma	1	5	PR	"SW/10%, CN/90%"
Trombidiform	Acarina	Limnochares	2	5	PR	"SW/10%, CN/90%"

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 16 for the Coal Tracts Study **Benthic Sample ID:** 17997
Station ID: OTTER_16tf **Rep. Num** 0
Reference Status: **STORET Activity ID:** OT16tfM-MAC-R
Site Classification: **Collection Date:** 10/15/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 554

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Gyraulus circumstriatus	20			
Amphipoda	Hyalella	Hyalella azteca	24	8	CG	SW/SP
Basommatop	Lymnaeidae	Pseudosuccinea columella	2	6	CG	CN
Basommatop	Lymnaeidae	Stagnicola caperata	20	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	58	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	6	6	CG	CN
Coleoptera	Dubiraphia	Dubiraphia vittata	60	6	SC/CG	"CN/50%, BU/50%"
Diptera	Ceratopogoninae	Culicoides	4	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Probezzia	4	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	40	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Dicrotendipes	20	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Polydora	14	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Pseudochironomus	10	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	20	7	CG/CF/PR	BU/CN/SP
Diptera	Dasyheleinae	Dasyhelea	4		CG	BU/SW
Diptera	Orthoclaadiinae	Cricotopus	20		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	10		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	4	6	CF	CN
Diptera	Tanypodinae	Ablabesmyia	2		PR	SP/BU
Diptera	Tanypodinae	Procladius	28		PR	SP/BU
Ephemeropte	Caenis	Caenis latipennis	60	8	CG	"SP/75%, CM/90%"
Ephemeropte	Callibaetis	Callibaetis	2	9	CG	"SW/10%, CN/90%"
Haplotaxida	Oligochaeta	Tubificidae	6	8	CG	BU
Hemiptera	Corixidae	Corixidae	10	9	PH/PR	SW
Odonata	Coenagrionidae	Enallagma	14	7	PR	CM
Odonata	Coenagrionidae	Ischnura	10	7	PR	CM
Odonata	Lestes	Lestes dryas	4	9	PR	SW
Odonata	Libellulidae	Libellula forensis	6	9	PR	SP
Odonata	Libellulidae	Sympetrum	2	9	PR	SP
Trichoptera	Cheumatopsyche	Cheumatopsyche	60	5	CF	CN
Trichoptera	Chimarra	Chimarra	4	4	CF	CN
Trichoptera	Limnephilus	Limnephilus	4	3	SH	CM/SP
Trombidiform	Acarina	Hydrodroma	2	5	PR	"SW/10%, CN/90%"

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 16 for the Coal Tracts Study **Benthic Sample ID:** 17998
Station ID: OTTER_16ts **Rep. Num** 0
Reference Status: **STORET Activity ID:** OT16tsM-MAC-R
Site Classification: **Collection Date:** 07/30/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 594

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Enallagma anna	7			
		Gyraulus circumstriatus	50			
		Ischnura cervula	10			
		Ischnura perparva	2			
		Ischnura verticalis	2			
		Odonantra	2			
		Sympetrum internum	2			
		Sympetrum obtrusum	5			
Amphipoda	Hyaella	Hyaella azteca	12	8	CG	SW/SP
Basommatop	Lymnaeidae	Pseudosuccinea columella	2	6	CG	CN
Basommatop	Lymnaeidae	Stagnicola caperata	10	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	120	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	15	6	CG	CN
Diptera	Ceratopogoninae	Culicoides	2	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	5	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Cladotanytarsus	2	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Dicrotendipes	10	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Pseudochironomus	3	7	CG/CF/PR	BU/CN/SP
Diptera	Dasyheleinae	Dasyhelea	1		CG	BU/SW
Diptera	Orthoclaadiinae	Psectrocladius	5		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	2	6	CF	CN
Diptera	Tanypodinae	Ablabesmyia	2		PR	SP/BU
Diptera	Tanypodinae	Procladius	2		PR	SP/BU
Ephemeropte	Caenis	Caenis amica	2	8	CG	"SP/75%, CM/90%"
Ephemeropte	Caenis	Caenis latipennis	98	8	CG	"SP/75%, CM/90%"
Ephemeropte	Callibaetis	Callibaetis	1	9	CG	"SW/10%, CN/90%"
Haplotaxida	Oligochaeta	Tubificidae	2	8	CG	BU
Hemiptera	Corixidae	Corixidae	5	9	PH/PR	SW
Odonata	Aeshna	Aeshna palmata	2		PR	CM
Odonata	Coenagrionidae	Enallagma	120	7	PR	CM
Odonata	Coenagrionidae	Enallagma annexum	30	7	PR	CM
Odonata	Coenagrionidae	Enallagma antennatum	2	7	PR	CM
Odonata	Coenagrionidae	Ischnura	5	7	PR	CM
Odonata	Lestes	Lestes dryas	2	9	PR	SW
Odonata	Libellulidae	Libellula pulchella	2	9	PR	SP

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 16 for the Coal Tracts Study **Benthic Sample ID:** 17998

Station ID: OTTER_16ts

Rep. Num 0

Reference Status:

STORET Activity ID: OT16tsM-MAC-R

Site Classification:

Collection Date: 07/30/2012

Latitude:

Collection Method: MAC-R-500

Longitude:

Total Number of Individuals in Sample: 594

Odonata	Libellulidae	Sympetrum	1	9	PR	SP
Trichoptera	Cheumatopsyche	Cheumatopsyche	1	5	CF	CN
Trichoptera	Limnephilus	Limnephilus	1	3	SH	CM/SP
Trombidiform	Acarina	Hydrodroma	2	5	PR	"SW/10%, CN/90%"
Trombidiform	Acarina	Limnochares	45	5	PR	"SW/10%, CN/90%"

Montana Bioassessment Report

Waterbody Name: Home Creek Site 1A for the Coal Tracts Study **Benthic Sample ID:** 17999
Station ID: OTTER_1At **Rep. Num** 0
Reference Status: **STORET Activity ID:** OTT1AtM-MAC-R
Site Classification: **Collection Date:** 05/20/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 558

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
Amphipoda	Hyalella	Hyalella azteca	10	8	CG	SW/SP
Basommatop	Lymnaeidae	Stagnicola caperata	8	6	CG	CN
Basommatop	Lymnaeidae	Stagnicola elodes	3	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	24	8	CG	CN
Coleoptera	Agabus	Agabus	4	5	PR	"CM(la), DI,SW(ad)"
Coleoptera	Haliphus	Haliphus	1	8	PH	:N,CM (la), SW,CM (ad
Coleoptera	Tropisternus	Tropisternis lateralis	1		PR	N,SP,CM(la), DI,SW(ac
Diptera	Ceratopogoninae	Bezzia	2	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Culicoides	1	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Probezzia	2	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	225	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	25	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	105	7	CG/CF/PR	BU/CN/SP
Diptera	Ephydriidae	Ephydra	2	6	CG	BU
Diptera	Orthoclaadiinae	Acricotopus	10		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	110		CG/SC	SP/BU
Diptera	Tanypodinae	Procladius	4		PR	SP/BU
Diptera	Tanypodinae	Tanypus	3		PR	SP/BU
Haplotaxida	Oligochaeta	Tubificidae	1	8	CG	BU
Non-Insecta	Ostracoda	Ostracoda	5		unk	SW
Odonata	Aeshna	Aeshna palmata	4		PR	CM
Odonata	Coenagrionidae	Enallagma	2	7	PR	CM
Odonata	Lestes	Lestes dryas	5	9	PR	SW
Trichoptera	Limnephilus	Limnephilus	1	3	SH	CM/SP

Montana Bioassessment Report

Waterbody Name: Home Creek Site 1A for the Coal Tracts Study **Benthic Sample ID:** 18000

Station ID: OTTER_1Atf **Rep. Num** 0

Reference Status: **STORET Activity ID:** OT1AtfM-MAC-R

Site Classification: **Collection Date:** 10/15/2012

Latitude: **Collection Method:** MAC-R-500

Longitude: **Total Number of Individuals in Sample:** 517

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Callibaetis fluctuans	1			
		Tropisternis	6			
Amphipoda	Hyalella	Hyalella azteca	150	8	CG	SW/SP
Basommatop	Lymnaeidae	Stagnicola caperata	8	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	41	8	CG	CN
Coleoptera	Berosus	Berosus	1	5	PH	"CM(la), DI,SW(ad)"
Coleoptera	Coptotomus	Coptotomus longulus	1	5	PR	"CM (la), DI, SW (ad)"
Coleoptera	Haliphus	Haliphus	4	8	PH	;N,CM (la), SW,CM (ad
Diptera	Ceratopogoninae	Bezzia	1	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Culicoides	4	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Probezzia	1	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	31	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	13	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	75	7	CG/CF/PR	BU/CN/SP
Diptera	Dasyheleinae	Dasyhelea	14		CG	BU/SW
Diptera	Ephydriidae	Ephydra	2	6	CG	BU
Diptera	Orthoclaadiinae	Corynoneura	17		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	102		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Thienemanniella	2		CG/SC	SP/BU
Diptera	Pericoma/Telmatos	Pericoma	1	4	CG	BU
Diptera	Tanypodinae	Procladius	4		PR	SP/BU
Haplotaxida	Oligochaeta	Tubificidae	1	8	CG	BU
Hemiptera	Corixidae	Corixidae	6	9	PH/PR	SW
Odonata	Aeshna	Aeshna palmata	2		PR	CM
Odonata	Coenagrionidae	Enallagma	26	7	PR	CM
Odonata	Coenagrionidae	Ischnura	3	7	PR	CM

Montana Bioassessment Report

Waterbody Name: Home Creek Site 1A for the Coal Tracts Study **Benthic Sample ID:** 18001
Station ID: OTTER_1Ats **Rep. Num** 0
Reference Status: **STORET Activity ID:** OT1AtsM-MAC-R
Site Classification: **Collection Date:** 07/30/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 520

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Anacea	1			
		Desmopachria convexa	2			
		Tropisternis	6			
Amphipoda	Hyalella	Hyalella azteca	61	8	CG	SW/SP
Basommatop	Lymnaeidae	Fossaria humilis	5	6	CG	CN
Basommatop	Lymnaeidae	Pseudosuccinea columella	1	6	CG	CN
Basommatop	Lymnaeidae	Stagnicola caperata	15	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	232	8	CG	CN
Basommatop	Planorbidae	Menetus opercularis	3	6	CG	CN
Coleoptera	Berosus	Berosus	2	5	PH	"CM(la), DI,SW(ad)"
Coleoptera	Coptotomus	Coptotomus longulus	1	5	PR	"CM (la), DI, SW (ad)"
Coleoptera	Enochrus	Enochrus	4	5	CG	unk
Coleoptera	Haliplus	Haliplus	12	8	PH	DN,CM (la), SW,CM (ad)
Diptera	Chironominae	Chironomus	80	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	12	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	21	7	CG/CF/PR	BU/CN/SP
Diptera	Ephydriidae	Ephydra	5	6	CG	BU
Diptera	Orthoclaadiinae	Psectrocladius	3		CG/SC	SP/BU
Diptera	Tabanidae	Tabanus	1	10	PR	SP
Diptera	Tanypodinae	Procladius	22		PR	SP/BU
Diptera	Tanypodinae	Tanypus	5		PR	SP/BU
Haplotaxida	Oligochaeta	Tubificidae	1	8	CG	BU
Hemiptera	Corixidae	Corisella	1	9	PH/PR	SW
Hemiptera	Corixidae	Corixidae	6	9	PH/PR	SW
Hemiptera	Notonectidae	Notonecta	2	7	PR	SW
Neotaenioglo	Hydrobiidae	Amnicola limosa	2		SC	CN
Odonata	Aeshna	Aeshna eremita	2		PR	CM
Odonata	Aeshna	Aeshna palmata	5		PR	CM
Odonata	Amphiagrion	Amphiagrion abbreviatum	2	7	PR	CM
Odonata	Coenagrionidae	Enallagma	4	7	PR	CM
Odonata	Coenagrionidae	Ischnura	1	7	PR	CM

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 22 for the Coal Tracts Study **Benthic Sample ID:** 18002
Station ID: OTTER_22t **Rep. Num** 0
Reference Status: **STORET Activity ID:** OTT22tM-MAC-R
Site Classification: **Collection Date:** 05/19/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 581

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Gyraulus circumstriatus	35			
		Helisoma trivolvis	3			
Amphipoda	Hyalella	Hyalella azteca	101	8	CG	SW/SP
Basommatop	Lymnaeidae	Pseudosuccinea columella	3	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	150	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	65	6	CG	CN
BASOMMAT	Planorbidae	HELISOMA ANCEPS	4	6	CG	CN
Coleoptera	Berosus	Berosus	1	5	PH	"CM(la), DI,SW(ad)"
COLEOPTE	DINEUTUS	DINEUTUS	1	4	PR	
Coleoptera	Haliphus	Haliphus	10	8	PH	:N,CM (la), SW,CM (ad)
Coleoptera	Hydroporus	Hydroporus	1		PR	"CM (la), DI, SW (ad)"
Diptera	Ceratopogoninae	Bezzia	13	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Culicoides	4	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	5	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Dicrotendipes	2	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	4	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Microtendipes pedellus Gr.	19	7	CG/CF/PR	BU/CN/SP
Diptera	Dasyheleinae	Dasyhelea	2		CG	BU/SW
Diptera	Orthoclaadiinae	Cricotopus	3		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	6		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	11	6	CF	CN
Diptera	Tanypodinae	Procladius	26		PR	SP/BU
Diptera	Tanypodinae	Thienemannimyia Gr.	4		PR	SP/BU
Ephemeropte	Caenis	Caenis latipennis	74	8	CG	"SP/75%, CM/90%"
Haplotaxida	Oligochaeta	Tubificidae	2	8	CG	BU
Hemiptera	Corixidae	Corixidae	9	9	PH/PR	SW
Odonata	Coenagrionidae	Enallagma	15	7	PR	CM
Odonata	Libellulidae	Libellula pulchella	2	9	PR	SP
Odonata	Libellulidae	Sympetrum	1	9	PR	SP
Trichoptera	Hydroptila	Hydroptila	3	6	PH	CN
Trichoptera	Limnephilus	Limnephilus	2	3	SH	CM/SP

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 22 for the Coal Tracts Study **Benthic Sample ID:** 18003
Station ID: OTTER_22tf **Rep. Num** 0
Reference Status: **STORET Activity ID:** OT22tfM-MAC-R
Site Classification: **Collection Date:** 10/16/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 535

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Belstoma americana	1			
		Callibaetis fluctuans	4			
		Gyraulus circumstriatus	15			
		Helisoma trivolvis	2			
Amphipoda	Hyalella	Hyalella azteca	175	8	CG	SW/SP
Basommatop	Physa_Physella	Physella acuta	105	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	40	6	CG	CN
Coleoptera	Berosus	Berosus	5	5	PH	"CM(la), DI,SW(ad)"
Coleoptera	Coptotomus	Coptotomus longulus	1	5	PR	"CM (la), DI, SW (ad)"
Coleoptera	Dubiraphia	Dubiraphia vittata	6	6	SC/CG	"CN/50%, BU/50%"
Coleoptera	Haliphus	Haliphus	2	8	PH	:N,CM (la), SW,CM (ad
Coleoptera	Peltodytes	Peltodytes	1	8	PH	:N,CM (la), SW,CM (ad
Diptera	Ceratopogoninae	Bezzia	1	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Probezzia	2	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	3	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Cryptochironomus	1	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Dicrotendipes	10	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Paratanytarsus	4	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Polypedilum	5	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Pseudochironomus	2	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	12	7	CG/CF/PR	BU/CN/SP
Diptera	Dasyheleinae	Dasyhelea	1		CG	BU/SW
Diptera	Dolichopodidae	Dolichopodidae	1	4	PR	SP
Diptera	Hemerodromia	Hemerodromia	1	6	PR	SP
Diptera	Orthoclaadiinae	Psectrocladius	5		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	10	6	CF	CN
Diptera	Tabanidae	Chrysops	2	10	PR	SP
Diptera	Tabanidae	Tabanus	2	10	PR	SP
Diptera	Tanypodinae	Procladius	19		PR	SP/BU
Diptera	Tanypodinae	Radotanypus	2		PR	SP/BU
Ephemeropte	Caenis	Caenis latipennis	44	8	CG	"SP/75%, CM/90%"
Ephemeropte	Caenis	Caenis youngi	1	8	CG	"SP/75%, CM/90%"
Haplotaxida	Oligochaeta	Tubificidae	2	8	CG	BU
Hemiptera	Corixidae	Corixidae	22	9	PH/PR	SW
Non-Insect ta	Ostracoda	Ostracoda	7		unk	SW

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 22 for the Coal Tracts Study **Benthic Sample ID:** 18003

Station ID: OTTER_22tf **Rep. Num** 0

Reference Status: **STORET Activity ID:** OT22tfM-MAC-R

Site Classification: **Collection Date:** 10/16/2012

Latitude: **Collection Method:** MAC-R-500

Longitude: **Total Number of Individuals in Sample:** 535

Odonata	Aeshna	Aeshna palmata	1		PR	CM
Odonata	Coenagrionidae	Enallagma	9	7	PR	CM
Odonata	Coenagrionidae	Ischnura	2	7	PR	CM
Odonata	Libellulidae	Libellula forensis	2	9	PR	SP
Odonata	Libellulidae	Libellula pulchella	3	9	PR	SP
Odonata	Libellulidae	Sympetrum	1	9	PR	SP
Trichoptera	Limnephilus	Limnephilus	1	3	SH	CM/SP

Montana Bioassessment Report

Waterbody Name: Otter Creek Site 22 for the Coal Tracts Study **Benthic Sample ID:** 18004
Station ID: OTTER_22ts **Rep. Num** 0
Reference Status: **STORET Activity ID:** OT22tsM-MAC-R
Site Classification: **Collection Date:** 07/30/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 521

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Belstoma americana	1			
		Callibaetis fluctuans	4			
		Helisoma trivolvis	2			
		Leucorrhinia intacta	3			
Amphipoda	Hyalella	Hyalella azteca	246	8	CG	SW/SP
Basommatop	Planorbidae	Gyraulus parvus	35	6	CG	CN
Coleoptera	Berosus	Berosus	1	5	PH	"CM(la), DI,SW(ad)"
Coleoptera	Coptotomus	Coptotomus longulus	6	5	PR	"CM (la), DI, SW (ad)"
Coleoptera	Haliphus	Haliphus	10	8	PH	"N,CM (la), SW,CM (ad)"
Diptera	Orthoclaadiinae	Psectrocladius	25		CG/SC	SP/BU
Diptera	Tanypodinae	Procladius	9		PR	SP/BU
Ephemeropte	Caenis	Caenis latipennis	26	8	CG	"SP/75%, CM/90%"
Ephemeropte	Caenis	Caenis youngi	4	8	CG	"SP/75%, CM/90%"
Hemiptera	Corixidae	Corixidae	3	9	PH/PR	SW
Hemiptera	Notonectidae	Notonecta	2	7	PR	SW
Odonata	Aeshna	Aeshna palmata	12		PR	CM
Odonata	Amphiagrion	Amphiagrion abbreviatum	1	7	PR	CM
Odonata	Anax	Anax junius	3	5	PR	CM
Odonata	Coenagrionidae	Enallagma	60	7	PR	CM
Odonata	Coenagrionidae	Enallagma annexum	40	7	PR	CM
Odonata	Lestes	Lestes disjunctus	20	9	PR	SW
Odonata	Libellulidae	Libellula pulchella	7	9	PR	SP
Odonata	Libellulidae	Sympetrum	1	9	PR	SP

Montana Bioassessment Report

Waterbody Name: Otter Creek Site ASJT for the Coal Tracts Study **Benthic Sample ID:** 18005

Station ID: OTTER_JTt

Rep. Num 0

Reference Status:

STORET Activity ID: OTTJTtM-MAC-R

Site Classification:

Collection Date: 05/19/2012

Latitude:

Collection Method: MAC-R-500

Longitude:

Total Number of Individuals in Sample: 481

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Gyraulus circumstriatus	1			
		Helisoma trivolvis	1			
		Leucorrhinia intacta	1			
Amphipoda	Hyalella	Hyalella azteca	44	8	CG	SW/SP
Basommatop	Lymnaeidae	Fossaria humilis	1	6	CG	CN
Basommatop	Physa_Physella	Physella acuta	72	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	1	6	CG	CN
BASOMMAT	Planorbidae	HELISOMA ANCEPS	1	6	CG	CN
Coleoptera	Dubiraphia	Dubiraphia vittata	76	6	SC/CG	"CN/50%, BU/50%"
Coleoptera	Hydroporus	Hydroporus	4		PR	"CM (la), DI, SW (ad)"
Diptera	Ceratopogoninae	Bezzia	6	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Probezzia	2	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	20	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Cryptochironomus	4	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Dicrotendipes	5	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	7	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Microtendipes pedellus Gr.	9	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Rheotanytarsus	5	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	15	7	CG/CF/PR	BU/CN/SP
Diptera	Orthoclaadiinae	Cricotopus	12		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Cricotopus bicinctus	9		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	45		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	57	6	CF	CN
Diptera	Tanypodinae	Procladius	54		PR	SP/BU
Diptera	Tanypodinae	Tanypus	2		PR	SP/BU
Haplotaxida	Oligochaeta	Tubificidae	3	8	CG	BU
Hemiptera	Corixidae	Trichocorixa	17	9	PH/PR	SW
Trichoptera	Cheumatopsyche	Cheumatopsyche	7	5	CF	CN

Montana Bioassessment Report

Waterbody Name: Otter Creek Site ASJT for the Coal Tracts Study **Benthic Sample ID:** 18006
Station ID: OTTER_JTtf **Rep. Num** 0
Reference Status: **STORET Activity ID:** OTJTtfM-MAC-R
Site Classification: **Collection Date:** 10/15/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 592

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		callibaetus	4			
		Gyraulus circumstriatus	3			
		Pisidium castertanum	2			
Amphipoda	Hyalella	Hyalella azteca	10	8	CG	SW/SP
Basommatop	Physa_Physella	Physella acuta	12	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	9	6	CG	CN
BASOMMAT	Planorbidae	HELISOMA ANCEPS	1	6	CG	CN
Coleoptera	Berosus	Berosus	1	5	PH	"CM(la), DI,SW(ad)"
COLEOPTA	DINEUTUS	DINEUTUS	1	4	PR	
Coleoptera	Dubiraphia	Dubiraphia vittata	70	6	SC/CG	"CN/50%, BU/50%"
Coleoptera	Haliphus	Haliphus	2	8	PH	:N,CM (la), SW,CM (ad)
Diptera	Ceratopogoninae	Bezzia	1	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Culicoides	1	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Probezzia	2	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	55	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Cryptochironomus	5	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Dicrotendipes	10	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	60	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Microtendipes pedellus Gr.	2	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Polypedilum	4	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	20	7	CG/CF/PR	BU/CN/SP
Diptera	Dasyheleinae	Dasyhelea	1		CG	BU/SW
Diptera	Orthoclaadiinae	Cricotopus	45		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Cricotopus bicinctus	10		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	35		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	23	6	CF	CN
Diptera	Tanypodinae	Ablabesmyia	1		PR	SP/BU
Diptera	Tanypodinae	Procladius	25		PR	SP/BU
Diptera	Tanypodinae	Radotanypus	2		PR	SP/BU
Ephemeropte	Caenis	Caenis latipennis	40	8	CG	"SP/75%, CM/90%"
Haplotaxida	Oligochaeta	Tubificidae	8	8	CG	BU
Hemiptera	Corixidae	Corixidae	108	9	PH/PR	SW
Megaloptera	Sialidae	Sialis velata	9	4	unk	"CN,CM,BU"
Odonata	Coenagrionidae	Enallagma	4	7	PR	CM
Trichoptera	Hydroptila	Hydroptila	2	6	PH	CN

Montana Bioassessment Report

Waterbody Name: Otter Creek Site ASJT for the Coal Tracts Study **Benthic Sample ID:** 18006

Station ID: OTTER_JTtf

Rep. Num 0

Reference Status:

STORET Activity ID: OTJTtfM-MAC-R

Site Classification:

Collection Date: 10/15/2012

Latitude:

Collection Method: MAC-R-500

Longitude:

Total Number of Individuals in Sample: 592

Trichoptera	Limnephilus	Limnephilus	2	3	SH	CM/SP
Trichoptera	Polycentropus	Polycentropus	2	6	PR	CN

Montana Bioassessment Report

Waterbody Name: Otter Creek Site ASJT for the Coal Tracts Study **Benthic Sample ID:** 18007
Station ID: OTTER_JTts **Rep. Num** 0
Reference Status: **STORET Activity ID:** OTJTtsM-MAC-R
Site Classification: **Collection Date:** 07/30/2012
Latitude: **Collection Method:** MAC-R-500
Longitude: **Total Number of Individuals in Sample:** 573

Sample Taxa List

<i>Order:</i>	<i>OTU name:</i>	<i>FinalID:</i>	<i>Individuals</i>	<i>Tol Val:</i>	<i>FFG:</i>	<i>Habit:</i>
		Arigomphus cornutus	1			
		callibaetus	4			
		Enallagma clausum	5			
		Gyraulus circumstriatus	3			
		Helisoma trivolvis	1			
		Sympetrum internum	2			
Amphipoda	Hyalella	Hyalella azteca	11	8	CG	SW/SP
Basommatop	Physa_Physella	Physella acuta	25	8	CG	CN
Basommatop	Planorbidae	Gyraulus parvus	9	6	CG	CN
BASOMMAT	Planorbidae	HELISOMA ANCEPS	1	6	CG	CN
Coleoptera	Berosus	Berosus	1	5	PH	"CM(la), DI,SW(ad)"
Coleoptera	Dubiraphia	Dubiraphia vittata	63	6	SC/CG	"CN/50%, BU/50%"
Coleoptera	Haliplus	Haliplus	2	8	PH	"N,CM (la), SW,CM (ad)"
Coleoptera	Stenelmis	Stenelmis	4	5	SC/CG	"CN/50%, BU/50%"
Diptera	Ceratopogoninae	Bezzia	10	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Culicoides	1	6	PR/CG	SP/BU/SW
Diptera	Ceratopogoninae	Probezzia	3	6	PR/CG	SP/BU/SW
Diptera	Chironominae	Chironomus	20	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Cryptochironomus	12	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Glyptotendipes	25	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Microtendipes pedellus Gr.	4	7	CG/CF/PR	BU/CN/SP
Diptera	Chironominae	Tanytarsus	10	7	CG/CF/PR	BU/CN/SP
Diptera	Orthoclaadiinae	Cricotopus	10		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Cricotopus bicinctus	35		CG/SC	SP/BU
Diptera	Orthoclaadiinae	Psectrocladius	45		CG/SC	SP/BU
Diptera	Simuliidae	Simulium	5	6	CF	CN
Diptera	Tanypodinae	Ablabesmyia	4		PR	SP/BU
Diptera	Tanypodinae	Procladius	90		PR	SP/BU
Diptera	Tanypodinae	Tanypus	2		PR	SP/BU
Ephemeropte	Caenis	Caenis latipennis	18	8	CG	"SP/75%, CM/90%"
Haplotaxida	Oligochaeta	Tubificidae	5	8	CG	BU
Hemiptera	Corixidae	Corixidae	90	9	PH/PR	SW
Megaloptera	Sialidae	Sialis velata	9	4	unk	"CN,CM,BU"
Odonata	Calopterygidae	Hetaerina	4	6	PR	CM
Odonata	Coenagrionidae	Enallagma	7	7	PR	CM

Montana Bioassessment Report

Waterbody Name: Otter Creek Site ASJT for the Coal Tracts Study **Benthic Sample ID:** 18007

Station ID: OTTER_JTts

Rep. Num 0

Reference Status:

STORET Activity ID: OTJTtsM-MAC-R

Site Classification:

Collection Date: 07/30/2012

Latitude:

Collection Method: MAC-R-500

Longitude:

Total Number of Individuals in Sample: 573

Odonata	Coenagrionidae	Enallagma annexum	25	7	PR	CM
Odonata	Libellulidae	Libellula forensis	2	9	PR	SP
Odonata	Libellulidae	Libellula pulchella	4	9	PR	SP
Trichoptera	Hydroptila	Hydroptila	1	6	PH	CN