OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION

Quarterly Monitoring Report Sheet
(Submit in Quadruplicate)

Permittee: CENTURY MINE

Permit Location: D-425

_____1st Qtr. ____2nd Qtr. __X__3rd Qtr ____4th Qtr

_____Pre-Mining __X__Mining _____Post-Mining
(X appropriate blank for mine status)

Legend
W = Drilled Well (No Log Available)
WL = Drilled Well (Log Available)
DW = Dug Well
DS = Developed Spring
D = Downstream Sampling Station
U = Upstream Sampling Station
P = Water Impoundment
S = Spring (Undeveloped)

Monitoring Site	Static Water Level	Stream or Spring Discharge (cfs/gpm)	Date Measured	pH, Field Standard Units	pH, Lab Standard Units*	Total Acidity mg/l as CaCO3	Total Alkalinity mg/l as CaCO3	Total Iron mg/l	Total Manganese mg/l	Total Suspended Solids mg/l	Total Hardness mg/l	Total Sulfate mg/l	Specific Conductance @ 25° C µmho/cm
DW-96.14	6'		07-02-09	7.3	7.54	9.8	170	1.5	0.927	51	300	66	464
W-97.00	46.5'		07-02-09	7.6	7.89	11	360	0.25	0.049	0.00	250	99	879
DW-97.01	7.5'		07-02-09	7.3	7.67	9.5	170	0.00	0.00	0.00	270	23	394
P-97.02		No Flow	07-02-09	6.9	7.07	22	100	7.5	1.54	20	320	0.00	212
P-97.03		No Flow	07-02-09	8.3	7.69	17	240	0.00	0.918	14	350	42	566
DW-96.03	24.5'		07-02-09	7.4	7.46	22	320	43	0.222	2000	470	67	508
DS-96.04		0.34 gpm	07-02-09	7.4	7.76	14	240	0.00	0.00	0.00	270	23	576
DS-96.00		0.90 gpm	07-02-09	7.4	7.71	13	240	0.00	0.00	0.00	300	18	527
P-96.01		0.002 cfs	07-02-09	7.7	7.84	9.3	200	0.21	0.461	88	370	13	443
U41-05		0.03 cfs	07-02-09	8.1	8.22	0.00	280	0.00	0.022	0.00	380	46	638
DS-96.12		0.01 gpm	07-02-09	8.0	8.25	6.3	280	0.00	0.045	0.00	370	65	656
P-96.09		0.0009 cfs	07-02-09	7.3	7.38	23	230	0.99	2.91	25	320	32	504
P-96.07		No Flow	07-02-09	8.3	7.44	7.9	92	0.39	0.328	0.00	150	8.5	223
DS-96.08		0.02 gpm	07-02-09	7.0	7.42	20	240	0.00	0.00	0.00	250	53	575
P-68.05		No Flow	07-08-09	8.6	8.69	0.00	88	0.6	0.18	12	120	22	206
D5-1		1.07 cfs	07-08-09	8.3	8.44	0.00	280	0.1	0.00	0.00	140	50	626
D5-2		0.01 cfs	07-08-09	7.7	7.81	0.00	120	0.1	0.04	0.00	170	44	347
D5-3		0.004 cfs	07-08-09	7.8	8.00	0.00	130	0.00	0.00	0.00	160	40	357
W-37.00	9'		07-10-09	6.8	7.63	12	76	1.4	0.02	12	120	25	209
DS-36.00		0.13 gpm	07-10-09	7.9	8.05	0.00	180	0.00	0.00	0.00	200	34	411
DS-38.01		0.07 gpm	07-10-09	6.3	7.33	34	200	1.4	0.19	35	250	33	452
W-48.03	35.5'		07-10-09	6.8	8.68	0.00	190	0.8	0.06	0.00	190	33	410
DS-48.00		1.9 gpm	07-10-09	7.3	7.75	7.8	190	0.00	0.00	0.00	210	51	417
DS-48.04		0.57 gpm	07-10-09	8.0	8.02	5.4	230	0.3	0.02	18	320	87	660
P-48.01		No Flow	07-10-09	8.8	8.80	0.00	88	0.8	0.21	16	140	19	242
U5-29		0.0006 cfs	07-10-09	7.4	7.76	6.6	150	0.4	0.12	12	160	14	334
DS-48.00A		0.10 gpm	07-10-09	7.1	7.50	16	160	0.1	0.03	0.00	170	29	370
DW-48.02	36.5'		07-10-09	7.2	7.60	9.4	130	1.2	0.04	0.00	140	23	306
W-8Y	3'		07-10-09	7.8	7.94	0.00	46	16	0.09	107	210	100	451
W-9Y	13'		07-10-09	7.4	7.64	12	240	41	0.26	78	260	48	557
W-10Y	11'		07-10-09	9.0	8.90	0.00	500	8.4	0.06	51	160	20	1040
W-12Y	10.5'		07-10-09	7.7	7.85	5.0	170	18	0.25	75	180	22	373

*Analysis surpassed recommended holding time

AEC 14125