

TABLE 4.2-1

PRE- VERSUS POST-MINING LAND USE ACREAGE PER LANDOWNER - PERMIT AREA

Surface Owner Name	Parcel Description	Land Use Type	Pre-mining Land Use (Acres)	Post-mining Land Use (Acres)	Net Change
Buckman, John F.	T139N R98W Section 15: Tract in the SE1/4SE1/4 S-1399815-B	Corral - Feedlot	0.06	0.06	0.00
		Cropland	0.60	0.63	0.04
		Driveway	0.09		-0.09
		Farmstead Yard	2.33	2.02	-0.31
		Pasture-Woodland	0.06		-0.06
		Residence	0.06		-0.06
		Road Surface	0.37	0.42	0.05
		Right of Way	0.61	1.26	0.65
		Shelterbelt	1.50	1.35	-0.15
		Structure	0.06		-0.06
Buckman, John F. Total			5.74	5.74	0.00
Emmil, Leocadia Family Trust	T139N R98W Section 34: Tract in the N1/2 S-1399834-A	Cropland	32.81	32.72	-0.08
		Road Surface	0.55	0.55	0.00
		Right of Way	8.51	8.51	0.00
		Shelterbelt	0.47	0.47	0.00
		Wetland	0.01	0.22	0.21
		Woodland	1.75	1.62	-0.12
Emmil, Leocadia Family Trust Total			44.10	44.10	0.00
Klein, Larry R.	139N R98W Section 33: Tract in the NE1/4 S1399833-A	Cropland	1.87	1.85	-0.02
		Road Surface	0.08	0.08	0.00
		Right of Way	0.29	0.31	0.02
Klein, Larry R. Total			2.24	2.24	0.00
Kudrna, Kenneth D.	139N R98W Section 20: Tract in the SE1/4 S-1399820-B	Cropland	4.49	4.49	0.00
		Cropland Waterway	0.12	0.12	0.00
		Pasture	0.06	0.06	0.00
		Right of Way	0.15	0.15	0.00
Kudrna, Kenneth D. Total			4.83	4.83	0.00
Kuylen, Patrick 71%; Kuylen, Katherine R. 29%	139N R98W Section 28: 71.43% and 29.57% in the NE1/4 S-1399828-A	Cropland	22.19	22.19	0.00
		Developed Water Resources	0.00	0.39	0.39
		Mines	0.59		-0.59
		Native	62.73	57.05	-5.68
		Pasture	4.11	3.90	-0.21
		Road Surface	0.03	0.06	0.02
		Right of Way	0.02	0.24	0.22
		Waste Dump	0.40	0.40	0.00
		Wetland	1.91	7.75	5.84
		Woodland	12.04	12.04	0.00
Kuylen, Patrick 71%; Kuylen, Katherine R. 29% Total			104.01	104.01	0.00
Kuylen, Patrick 80%; Kuylen, Katherine R. 20%	139N R98W Section 20: 80% and 20% NW1/4 less a tract in the NW1/4NW1/4, NE1/4 less a tract in the SW1/4NE1/4 S-1399820-A	Cropland	7.07	7.07	0.00
		Cropland Waterway	0.13	0.13	0.00
		Pasture	1.05	1.05	0.00
		Road Surface	0.04	0.04	0.00
		Right of Way	4.90	4.90	0.00
		Shelterbelt	0.59	0.59	0.00
		Wetland		0.00	0.00
	139N R98W Section 27: 80% and 20% All S-1399827-A	Corral - Feedlot	7.15	7.21	0.06
		Cropland	310.65	305.01	-5.64
		Developed Water Resources	1.26	4.06	2.80
		Driveway	0.97		-0.97
		Farmstead Yard	4.31	2.93	-1.38
		Feed - Hay Lot	3.41	2.82	-0.59
		Mines	0.19		-0.19
		Native	152.22	143.41	-8.81
		Native-Pasture	15.72	13.43	-2.29
		Pasture	10.73	9.84	-0.89
		Residence	0.05		-0.05
		Road Surface	6.02	9.01	2.99
		Right of Way	16.23	32.07	15.84
Shelterbelt	0.93	0.86	-0.07		
Structure	0.37		-0.37		
Wetland	5.42	6.61	1.19		
Woodland	105.35	103.73	-1.63		
Kuylen, Patrick 80%; Kuylen, Katherine R. 20% Total			654.78	654.78	0.00
Kuylen, Patrick and Katherine	139N R98W Section 28: W1/2, SE1/4 less a tract in the SE1/4SW1/4SW1/4 S-1399828-B	Cropland	28.40	27.26	-1.14
		Native	0.85	0.85	0.00
		Pasture	8.19	6.45	-1.74
		Road Surface	0.85	1.29	0.45
		Right of Way	1.35	3.78	2.43

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Kuylen, Patrick and Katherine Total			39.63	39.63	0.00
Kuylen, Robert F. and Brenda K.	139N R98W Section 21: All S-1399821-A	Corral - Feedlot	0.66	0.66	0.00
		Cropland	389.86	437.70	47.85
		Cropland Waterway	0.00	0.00	0.00
		Developed Water Resources	0.59	1.12	0.53
		Driveway	0.70		-0.70
		Farmstead Yard	4.95	4.97	0.03
		Industrial - Utilities	0.09	0.09	0.00
		Native	174.40	173.59	-0.80
		Pasture	46.26	0.01	-46.25
		Residence	0.07		-0.07
		Road Surface	0.31	2.15	1.85
		Right of Way	19.10	17.05	-2.05
		Shelterbelt	2.92	2.77	-0.15
		Structure	0.22		-0.22
		Woodland	1.61	1.61	0.00
	139N R98W Section 17: All less a tract in the SW1/4SW1/4 S-1399817-A	Cropland	231.23	235.19	3.96
		Cropland Waterway	8.67	8.72	0.05
		Developed Water Resources	0.46	2.06	1.60
		Industrial - Utilities	0.07	0.07	0.00
		Native	65.28	64.39	-0.89
		Pasture	8.36	2.14	-6.22
		Road Surface	2.25	2.25	0.00
		Right of Way	2.62	2.71	0.09
		Shelterbelt	0.07	0.07	0.00
	Wetland	0.18	1.58	1.40	
	139N R98W Section 16: SW1/4 S=1399816-B	Corral - Feedlot	11.87	10.48	-1.39
		Cropland		21.09	21.09
		Developed Water Resources	0.46	0.45	-0.01
		Driveway	0.00		0.00
		Feed - Hay Lot	3.74	3.27	-0.47
		Mines	1.10		-1.10
		Native	88.36	89.72	1.37
		Native-Pasture	20.85	21.95	1.10
		Pasture	22.03		-22.03
		Road Surface	1.35	1.59	0.23
		Right of Way	1.07	3.70	2.63
Shelterbelt		5.20	5.20	0.00	
Structure	0.03		-0.03		
Wetland	2.90	1.52	-1.38		
Kuylen, Robert F. and Brenda K. Total			1119.88	1119.88	0.00
Meduna, Gary L. and Barbara	139N R98W Section 9: SW1/4 S-1399809-F	Cropland	29.37	29.56	0.19
		Developed Water Resources	0.00	0.09	0.09
		Mines	0.01		-0.01
		Native	7.89	9.42	1.53
		Pasture	0.04		-0.04
		Pasture-Woodland	2.24	2.27	0.03
		Wetland	3.41	1.63	-1.78
Meduna, Gary L. and Barbara Total			42.97	42.97	0.00
Pavel, Robert B.	139N R98W Section 14: NW1/4 S-1399814-B	Cropland	30.34	30.34	0.00
		Farmstead Yard	3.23	3.23	0.00
		Feed - Hay Lot	0.01	0.01	0.00
		Pasture	1.05	1.05	0.00
		Road Surface	2.02	2.02	0.00
		Right of Way	4.40	4.40	0.00
		Shelterbelt	1.20	1.20	0.00
	139N R98W Section 10: SW1/4 less railroad tracts S-1399810C	Cropland	41.25	41.67	0.42
		Pasture	0.90	0.00	-0.90
		Road Surface		1.13	1.13
		Right of Way	1.91	1.26	-0.65

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Pavel, Robert B. Total			86.32	86.32	0.00
Perdaems, James D. and Rosella J.	139N R98W Section 14: E1/2 less a tract in the NW1/4NE1/4 S-1399814-A	Cropland	30.28	30.28	0.00
		Farmstead Yard	0.06	0.06	0.00
		Native	1.40	1.40	0.00
		Native-Pasture	3.48	3.48	0.00
		Pasture	26.00	26.00	0.00
		Road Surface	0.00	0.00	0.00
		Right of Way	0.29	0.29	0.00
		Shelterbelt	0.02	0.02	0.00
		Wetland	2.27	2.27	0.00
		Woodland	17.11	17.11	0.00
	139N R98W Section 22: N1/2, Section 23 All S-1399822-A	Corral - Feedlot	10.61	10.47	-0.13
		Cropland	664.97	653.77	-11.20
		Cropland Waterway	1.86	1.86	0.00
		Developed Water Resources	4.13	11.22	7.09
		Driveway	3.12		-3.12
		Farmstead Yard	3.08	3.84	0.76
		Feed - Hay Lot	0.85	0.85	0.00
		Garden	0.11	0.11	0.00
		Industrial - Utilities	0.19	0.19	0.00
		Mines	0.49		-0.49
		Native	9.35	9.35	0.00
		Native-Pasture	1.64	2.13	0.49
		Pasture	59.07	57.19	-1.88
		Residence	0.06		-0.06
		Road Surface	5.44	8.99	3.55
		Right of Way	26.80	30.72	3.92
		Shelterbelt	5.78	4.98	-0.80
	Structure	0.58		-0.58	
	Wetland	6.11	8.58	2.47	
	Woodland	46.92	46.89	-0.03	
	139N R98W Section 14: SW1/4 S-1399814-C	Cropland	58.35	58.35	0.00
		Developed Water Resources	0.32	0.15	-0.17
		Farmstead Yard	0.00		0.00
Feed - Hay Lot		0.11	0.11	0.00	
Native		1.63	1.63	0.00	
Pasture		10.11	10.04	-0.07	
Road Surface		2.33	2.31	-0.01	
Right of Way		4.59	4.61	0.02	
Waste Dump		0.66	0.66	0.00	
Wetland		1.76	2.15	0.39	
Woodland	22.95	22.81	-0.14		
Perdaems, James D. and Rosella J. Total			1034.88	1034.88	0.00
Perdaems, Jerry F. and Sandra M.	139N R98W Section 22: S1/2 less a tract in the N1/2SE1/4 S-1399822-B	Cropland	199.01	197.20	-1.81
		Developed Water Resources	0.20	0.25	0.05
		Driveway	0.23		-0.23
		Farmstead Yard	1.97	2.41	0.45
		Native	0.03	0.01	-0.02
		Pasture	16.33	16.40	0.07
		Residence	0.08		-0.08
		Road Surface	0.55	1.90	1.34
		Right of Way	4.70	5.08	0.38
		Shelterbelt	2.87	2.87	0.00
		Structure	0.15		-0.15
		Wetland	4.18	4.18	0.00
		Woodland	81.94	81.94	0.00
	139N R98W Section 22: Tract in the N1/2SE1/4 S-1399822-C	Cropland	1.04	1.04	0.00
		Pasture	0.89	0.89	0.00
		Wetland	0.49	0.49	0.00
		Woodland	3.32	3.32	0.00

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Surface Owner Name	Parcel Description	Land Use Type	Pre-mining Land Use (Acres)	Post-mining Land Use (Acres)	Net Change
Perdaems, Jerry F. and Sandra M. Total			317.99	317.99	0.00
Peters, Mary Louise et. al.	139N R98W Section 15: All less a tract in the SE1/4SE1/4 S-1399815-A	Cropland	591.20	595.62	4.42
		Developed Water Resources	0.30	2.76	2.46
		Driveway	0.00		0.00
		Farmstead Yard	0.00	0.00	0.00
		Pasture	0.04		-0.04
		Pasture-Woodland	27.38		-27.38
		Road Surface	2.59	5.29	2.70
		Right of Way	9.83	13.03	3.20
		Shelterbelt	4.00	17.91	13.91
		Wetland	0.68	1.41	0.73
	139N R98W Section 16: N1/2, SE1/4 S-1399816-A	Corral - Feedlot	0.16		-0.16
		Cropland	354.56	387.07	32.51
		Cropland Waterway	3.34		-3.34
		Developed Water Resources	1.54	1.86	0.32
		Feed - Hay Lot	0.53		-0.53
		Mines	3.00		-3.00
		Native	15.67		-15.67
		Native-Pasture	2.23		-2.23
		Pasture	0.21		-0.21
		Pasture-Woodland	19.71		-19.71
Road Surface	1.26	1.44	0.18		
Right of Way	0.99	3.70	2.71		
Shelterbelt		10.11	10.11		
Wetland	3.20	3.11	-0.09		
Woodland	0.88		-0.88		
PHP, LLP Total			1043.30	1043.30	0.00
Wagner, Glen R.	139N R98W Section 29: All less a tract in the SW1/4SW1/4 S-1399829-A	Cropland	0.07	0.07	0.00
		Pasture	0.08	0.08	0.00
Wagner, Glen R. Total			0.16	0.16	0.00
Wagner, James and Lisa	139N R98W Section 9: SE1/4 less railroad tracts S-1399809-G	Cropland	59.64	58.67	-0.97
		Developed Water Resources		0.48	
		Native	16.56	15.27	-1.29
		Pasture	0.75		-0.75
		Road Surface		1.76	1.76
		Right of Way	1.45	2.10	0.66
		Wetland	0.00	0.28	0.27
Woodland	2.12	1.97	-0.16		
Wagner, James and Lisa Total			80.52	80.52	0.00
Grand Total			4581.35	4581.35	0.00