

BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED

DEC 02 2005

WATER RESOURCES
WESTERN REGION

November 30, 2005

Danial Nelson
Idaho Department of Water Resources
1341 Fillmore, Suite 200
Twin Falls, ID 83301

Re: City of Mountain Home: Transfer No 72128

Dear Mr. Nelson:

The amended transfer application for the City of Mountain Home contemplates the transfer of ground water from an established ground water irrigation right to be diverted from the City's wells as irrigation water as opposed to changing the nature of use to a municipal purpose. In discussions with Karl Dreher, Jeff Peppersak and others at a meeting held on October 12, 2005, it was agreed that the water right could be transferred as an irrigation right as long as the City could demonstrate that the magnitude of irrigation to be performed within the City would always be more than the historical irrigation from the right. In other words, that the irrigation within the City would never be less than the 450 acres authorized under the existing water right. Brockway Engineering determined from 2004 aerial photos that the acreage irrigated on lots and open space within the city was some 712 acres, or considerably more than the 450 acres allowed under the irrigation water right. That data and accompanying aerial photo are enclosed.

It is my understanding that the City can demonstrate that the additional water diverted is necessary to satisfy increased summer demand for irrigation by providing periodic determination of irrigated area supplied within the City service area from the authorized points of diversion. It is not possible to measure or meter the co-mingled irrigation water diverted from the municipal system since the entire distribution system is integrated.

It is proposed therefore to provide to IDWR the following data to satisfy monitoring requirements under Chapters 6 and 7, Title 42, Idaho Code:

- Monthly and annual diversion volumes from the City ground water diversions in acre feet-Yearly
- Determinations from aerial photographs of irrigated area within the City service area.-Every 5 years

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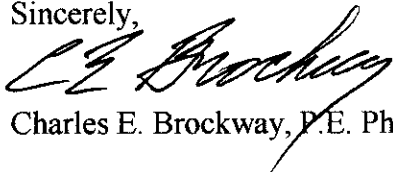
- It is proposed that after 10 years, the monitoring and data requirements be re-evaluated jointly by IDWR and the City of Mountain Home to determine the need for continued monitoring or changes in the program.

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Winter time diversion volumes provide an estimate of the in-house or non-irrigation requirements of the system, and differences between summertime diversion volumes and winter time diversion volumes provide an estimate of irrigation volume diverted. The acreage determination will provide evidence of the irrigated area as compared with the 450 acres transferred under these water rights.

I believe that the proposed monitoring program meets the requirements and will provide adequate assurance that the irrigation water right is, in fact, being utilized for irrigation within the City.

Please let me know if you require additional information.

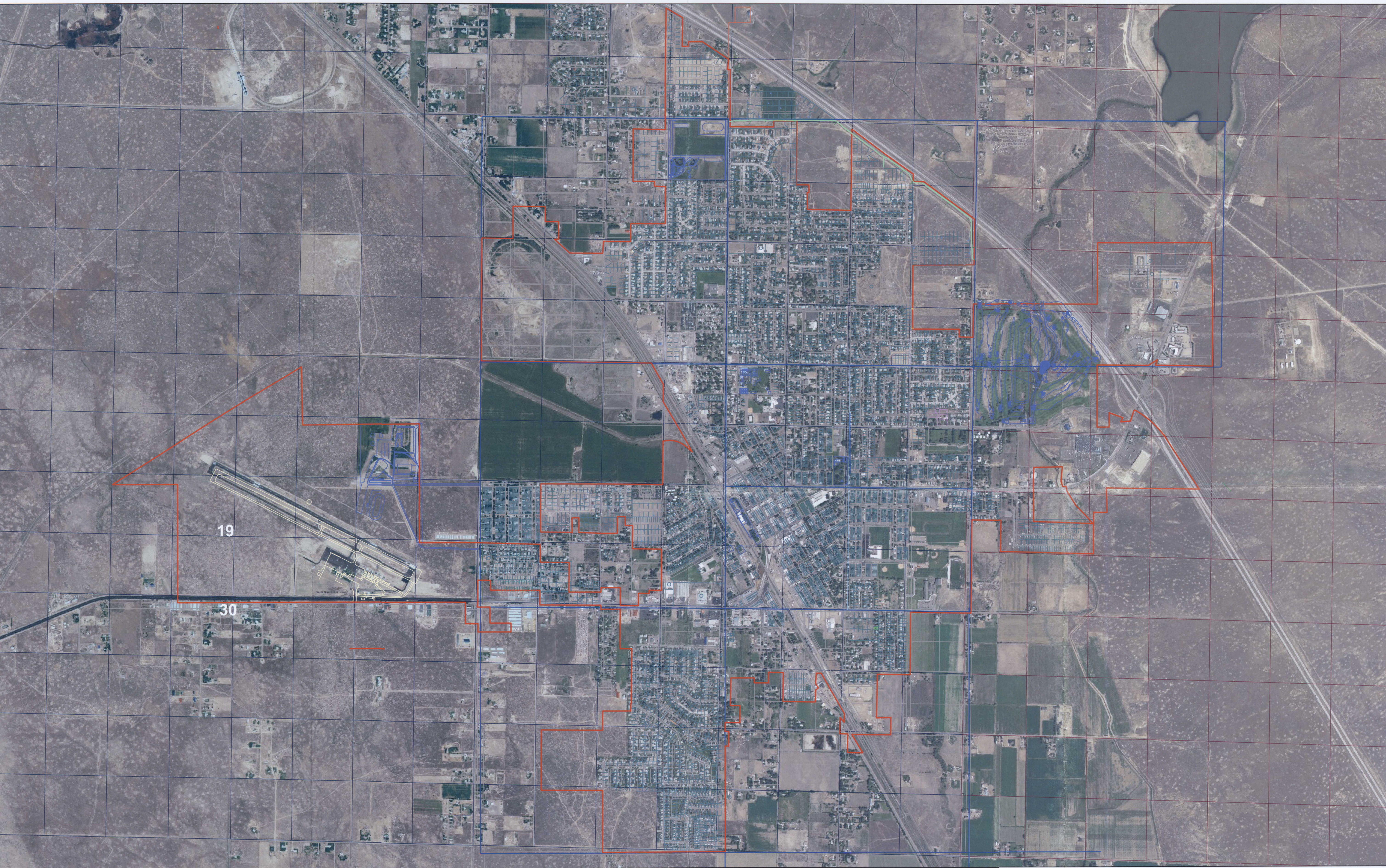
Sincerely,



Charles E. Brockway, P.E. PhD.

Enclosures: Spreadsheet-Irrigated Area, City of Mountain Home
Aerial Photo, 2004 - City of Mountain Home Water Service Area

cc: Joe B. McNeil, Mayor of the City of Mountain Home
James Bledsoe, Keller Associates



CITY OF MOUNTAIN HOME													
IRRIGATION DELINIATION													
BROCKWAY ENGINEERING, PLLC., ALR - OCT. 19, 2005													
					IRRIGATED OLD LOTS	IRRIGATED AVG. LOT	UNIRRIGATED FUTURE LOT	IRRIGATED LARGE LOTS	UNIRRIGATED LARGE LOTS	IRRIGATED OPEN LTS	IRRIGATED PARKS SCHOOLS		TOTALS
I	R	SEC	QQ	APPROX.	25X100	75X115	75X115	140X140	140X140				
3S	6E	14	NESE 0.13	LOTS ACRES			28 3.64						3.64
		14	SESE 0.13	LOTS ACRES		69 8.97	57 7.41						16.38
3S	6E	23	NENE	LOTS ACRES							LEGACY 26.45		26.45
			NWNE	LOTS ACRES			40 5.2		3 1.65				6.85
			SWNE 0.09	LOTS ACRES		25 2.25							2.25
			SENE 0.09	LOTS ACRES		145 13.05				1 0.46			13.51
			SWNW 0.59	LOTS ACRES		1 0.59							0.59
			SENW 0.59	LOTS ACRES		1 0.59							0.59
			NESE 0.13	LOTS ACRES		113 14.69					SCHOOL 5.28		19.97
			NWSE 0.13	LOTS ACRES		128 16.64				1 0.96			17.6
			SESE	LOTS ACRES		TRAILORS 4	12 1.56						5.56
3S	6E	24	NWNE 0.35	LOTS ACRES				42 14.7					14.7
			SWNE 0.13	LOTS ACRES		155 20.15	18 2.34						22.49
			SENE 0.13	LOTS ACRES			23 2.99						2.99
			NENW 0.35	LOTS ACRES				10 3.5					3.5
			NWNW	LOTS ACRES		22 2.86		20 7	31 10.85				20.71
			SWNW 0.35	LOTS ACRES				68 23.8	2 0.7				24.5
			SENW 0.13	LOTS ACRES		99 12.87							12.87
			NESW 0.13	LOTS ACRES		91 11.83				1 3			14.83
			NWSW 0.13	LOTS ACRES		90 11.7				1 2.5			14.2
			SWSW 0.13	LOTS ACRES		139 18.07							18.07
			SESW 0.13	LOTS ACRES		126 16.38				1 2.5			18.88
			NESE 0.13	LOTS ACRES			39 2.07						2.07
			NWSE 0.13	LOTS ACRES		35 4.55							4.55

CITY OF MOUNTAIN HOME

IRRIGATION DELINIATION

BROCKWAY ENGINEERING, PLLC., ALR - OCT. 19, 2005

					IRRIGATED OLD LOTS	IRRIGATED AVG. LOT	UNIRRIGATED FUTURE LOT	IRRIGATED LARGE LOTS	UNIRRIGATED LARGE LOTS	IRRIGATED OPEN LTS	IRRIGATED PARKS SCHOOLS	TOTALS
T	R	SEC	QQ	APPORX.	25X100	75X115	75X115	140X140	140X140			
			SWSE	LOTS		138	30					
			0.13	ACRES		17.94	3.9					21.84
			SESE	LOTS		31		28				
				ACRES		4.03		9.8				13.83
3S	6E	25	NENE	LOTS		100						
			0.13	ACRES		13						13
			NWNE	LOTS		140						
			0.13	ACRES		18.2						18.2
			SWNE	LOTS	42	69	10				BALL PARK	
			0.13	ACRES	1.89	8.97	1.3				4.61	16.77
			SENE	LOTS	72	25	5			1		
				ACRES	3.24	2.5	0.5			8.97		15.21
			NENW	LOTS		140				1		
			0.13	ACRES		18.2				1.5		19.7
			NWNW	LOTS		28	4			1	RICHARD	
			0.13	ACRES		3.64	0.52			2.44	5.8	12.4
			SWNW	LOTS	97	30						
				ACRES	4.365	3.9						8.265
			SENW	LOTS	29	30				CARL MILL	SCHOOL	
				ACRES	1.3	3.9				3.24	0.4	8.84
			NESW	LOTS	121					1	SCHOOL	
				ACRES	5.44					1	2.69	9.13
			NWSW	LOTS	15	6					RAILROAD	
				ACRES	0.675	0.78					1.95	3.405
			SWSW	LOTS	8						RAILROAD	
				ACRES	0.36						1	1.36
			SESW	LOTS	256	3				1		
				ACRES	11.52	0.39				2.5		14.41
			NESE	LOTS							SCHOOL	
				ACRES							20.86	20.86
			NWSE	LOTS	246						SCHOOL	
				ACRES	11.07						4.5	15.57
			SWSE	LOTS	86	43					SCHOOL	
				ACRES	3.87	5.59					5.1	9.46
			SESE	LOTS							SCHOOL	
				ACRES							17.9	17.9
3S	6E	26	NENE	LOTS		15						
			0.09	ACRES		1.35						1.35
			SENE	LOTS		21						
			0.09	ACRES		1.89						1.89
			NESW	LOTS		16	86					
			0.13	ACRES		2.08	11.18					13.26
			SWSW	LOTS		95	30					
			0.09	ACRES		8.55	2.70					8.55
			SESW	LOTS		50						
			0.13	ACRES		6.5						6.5
			NESE	LOTS	15	134				1		

CITY OF MOUNTAIN HOME

IRRIGATION DELINIATION

BROCKWAY ENGINEERING, PLLC., ALR - OCT. 19, 2005

I	R	SEC	QQ	APPROX.	IRRIGATED	IRRIGATED	UNIRRIGATED	IRRIGATED	UNIRRIGATED	IRRIGATED	IRRIGATED	TOTALS
					OLD LOTS	AVG. LOT	FUTURE LOT	LARGE LOTS	LARGE LOTS	OPEN LTS	PARKS	
					25X100	75X115	75X115	140X140	140X140		SCHOOLS	
				ACRES	0.675	12.06				0.5		13.235
			NWSE	LOTS		35	35			1		
			0.13	ACRES		4.55	4.55			0.5		9.6
			SWSE	LOTS						1		
				ACRES						10		10
			SESE	LOTS		63					SCHOOL	
			0.09	ACRES		5.67					5.52	11.19
3S	6E	27	SWNE	LOTS							OPTIMIST	
				ACRES							16.72	16.72
3S	6E	35	NENE	LOTS	26	24				1		
			0.12	ACRES	1.17	2.88				10.9		14.95
			NWNE	LOTS		25				1		
			0.12	ACRES		3				8.3		11.3
			SWNE	LOTS		67						
			0.12	ACRES		8.04						8.04
			SENE	LOTS		141						
			0.12	ACRES		16.92						16.92
			NESE	LOTS		135						
			0.12	ACRES		16.2						16.2
			NWSE	LOTS		90						
			0.12	ACRES		10.8						10.8
			SESE	LOTS		163						
			0.12	ACRES		19.56						19.56
3S	6E	36	NWNE	LOTS		111	30			1		
			0.14	ACRES		15.54	4.2			5		24.74
			SWNE	LOTS		12						
				ACRES		1.68						1.68
			NENW	LOTS						3		
				ACRES						7.05		7.05
			NWNW	LOTS						4		
				ACRES						15.25		15.25
			SWNW	LOTS						1		
				ACRES						3.8		3.8
3S	7E	30	NESW	LOTS			100					
				ACRES			13					13
			NWSW	LOTS		47	21					
				ACRES		6.11	2.73					8.84
			SUM SEC 14-24		0	181.16	29.11	58.8	13.2	9.42	31.73	TOTAL 792.325
			SUM SEC 25-27		44.405	121.72	18.05	0	0	30.65	81.95	
			SUM SEC 35-30		1.17	100.73	19.93	0	0	50.3	0	
			SUM CURRENT IRR.		45.575	403.61		58.8		90.37	113.67	712.035
			SUM ALL SECTIONS		45.575	403.61	67.09	58.8	13.2	90.37	113.68	792.325