

BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED
MAR 17 2014
DEPARTMENT OF
WATER RESOURCES

March 14, 2014

Craig Saxton, Water Rights Supervisor
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Re: Dry Lot, LLC Annual Reporting

Dear Craig:

I received your letter of March 3, 2014 indicating that the annual report submitted on behalf of Dry Lot, LLC was received by your office and was apparently complete except for the reporting of daily volumes of water recharged under conditions required for water rights 37-22313, 37-22318, and 37-22323. I am aware that these values were not reported.

The flow meter on the recharge inflow is a magnetic flowmeter with a digital accumulated volume readout and instantaneous discharge indicator. Recharge occurred and integrated discharge volume was measured approximately every 30 days for the 98 days of operation during 2013. The meter accumulated volume was manually read and recorded by a member of Brockway Engineering staff, and the discharge was adjusted periodically at each visit to make sure that the recharge volume timing met the requirements of the water rights. In order to provide an estimate of daily volume recharged as required by the water rights, it is necessary to interpolate between periodic readings. Since the discharge rate was not adjusted between readings, the estimated (interpolated) daily discharge should be reasonably accurate.

Note that the estimated daily discharge at no time exceeded the authorized discharge rate under the water right; in fact, the estimated average daily discharge was never more than 1.22 af/day (0.66 cfs) compared to the authorized discharge of 2.10 af/day (1.06 cfs).

We were not able to secure and install a data logger on the flow meter and daily visits to the recharge facilities are just not possible. Use of the daily discharge volume data for meaningful administration or regulation of the water rights seems improbable. Monthly measurement of the accumulated volume and estimating of the daily volume recharged provides ample information to determine whether the project is meeting the conditions of the water rights. I am therefore requesting, on behalf of the owners, Dry Lot, LLC, a waiver of the annual reporting of daily measured flow in lieu of the

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
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2016 NORTH
WASHINGTON
STREET • SUITE 4

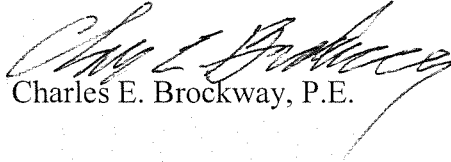
TWIN FALLS,
IDAHO 83301

208•736•8543

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monthly measured accumulated volume recharged and estimating of daily volume recharged.

Sincerely,



Charles E. Brockway, P.E.

cc: Woody Freidlander, Dry Lot, LLC
Travis Thompson, Attorney

DRY LOT LLC- DAILY RECHARGE VOLUMES

2013 Daily Recharge Volumes Associated with IDWR WR Transfer:

74449, Condition #1.

*Values in **bold** indicate observed values.

Date:	Time:	*Meter Readout (m3):	*Meter Readout (Acre-Feet):	Calculated Daily Volume Infiltrated (Acre-Feet):
16-Apr	1:00 PM	28,011.10	22.71	0.00
17-Apr		28,726.20	23.29	0.58
18-Apr		29,441.30	23.87	0.58
19-Apr		30,156.40	24.45	0.58
20-Apr		30,871.50	25.03	0.58
21-Apr		31,586.60	25.61	0.58
22-Apr		32,301.70	26.19	0.58
23-Apr	10:18 AM	33,016.80	26.77	0.58
24-Apr		6" mainline break		0.00
25-Apr		off		0.00
26-Apr		6" mainline fixed		0.00
27-Apr		33,893.48	27.48	0.71
28-Apr		34,770.15	28.19	0.71
29-Apr		35,646.83	28.90	0.71
30-Apr	2:50 PM	36,523.50	29.61	0.71
1-May		37,402.45	30.32	0.71
2-May	4:00 PM	38,281.40	31.04	0.71
3-May		39,121.83	31.72	0.68
4-May		39,962.25	32.40	0.68
5-May		40,802.68	33.08	0.68
6-May		41,643.11	33.76	0.68
7-May		42,483.53	34.44	0.68
8-May		43,323.96	35.12	0.68
9-May		44,164.39	35.80	0.68
10-May		45,004.81	36.49	0.68
11-May		45,845.24	37.17	0.68
12-May		46,685.67	37.85	0.68
13-May		47,526.09	38.53	0.68
14-May		48,366.52	39.21	0.68
15-May		49,206.95	39.89	0.68
16-May		50,047.37	40.57	0.68
17-May	2:35 PM	50,887.80	41.26	0.68
18-May		51,734.75	41.94	0.69
19-May		52,581.70	42.63	0.69
20-May		53,428.65	43.32	0.69
21-May		54,275.60	44.00	0.69
22-May		55,122.55	44.69	0.69
23-May		55,969.50	45.38	0.69
24-May		56,816.45	46.06	0.69
25-May		57,663.40	46.75	0.69
26-May		58,510.35	47.44	0.69
27-May		59,357.30	48.12	0.69
28-May		60,204.25	48.81	0.69
29-May		61,051.20	49.50	0.69
30-May		61,898.15	50.18	0.69
31-May	4:40 PM	62,745.10	50.87	0.69
*MONTHLY TOTALS:		34,734.00	28.16 AFA	

Date:	Time:	*Meter Readout (m3):	*Meter Readout (Acre-Feet):	Calculated Daily Volume Infiltrated (Acre-Feet):
1-Jun		63,604.85	51.57	0.70
2-Jun		64,464.59	52.26	0.70
3-Jun		65,324.34	52.96	0.70
4-Jun		66,184.08	53.66	0.70
5-Jun		67,043.83	54.35	0.70
6-Jun		67,903.57	55.05	0.70
7-Jun		68,763.32	55.75	0.70
8-Jun		69,623.06	56.44	0.70
9-Jun		70,482.81	57.14	0.70
10-Jun		71,342.55	57.84	0.70
11-Jun	3:10 PM	72,202.30	58.54	0.70
12-Jun		72,858.63	59.07	0.53
13-Jun		73,514.97	59.60	0.53
14-Jun		74,171.30	60.13	0.53
15-Jun		74,827.63	60.66	0.53
16-Jun		75,483.97	61.20	0.53
17-Jun		76,140.30	61.73	0.53
18-Jun		76,796.63	62.26	0.53
19-Jun		77,452.97	62.79	0.53
20-Jun	10:20 AM	78,109.30	63.32	0.53
21-Jun	11:15 AM	78,193.20	63.39	0.07
22-Jun		79,383.20	64.36	0.96
23-Jun		80,573.20	65.32	0.96
24-Jun		81,763.20	66.29	0.96
25-Jun	2:00 PM	82,953.20	67.25	0.96
26-Jun		84,459.81	68.47	1.22
27-Jun		85,966.43	69.69	1.22
28-Jun		87,473.04	70.92	1.22
29-Jun		88,979.65	72.14	1.22
30-Jun		90,486.27	73.36	1.22
*MONTHLY TOTALS:		26,881.42	21.79 AFA	

Date:	Time:	*Meter Readout (m3):	*Meter Readout (Acre-Feet):	Calculated Daily Volume Infiltrated (Acre-Feet):
1-Jul		91,992.88	74.58	1.22
2-Jul		93,499.50	75.80	1.22
3-Jul		95,006.11	77.02	1.22
4-Jul		96,512.72	78.24	1.22
5-Jul		98,019.34	79.47	1.22
6-Jul		99,525.95	80.69	1.22
7-Jul		101,032.56	81.91	1.22
8-Jul		102,539.18	83.13	1.22
9-Jul		104,045.79	84.35	1.22
10-Jul		105,552.40	85.57	1.22
11-Jul		107,059.02	86.79	1.22
12-Jul		108,565.63	88.02	1.22
13-Jul		110,072.25	89.24	1.22
14-Jul		111,578.86	90.46	1.22
15-Jul		113,085.47	91.68	1.22
16-Jul		114,592.09	92.90	1.22
17-Jul	3:05 PM	116,098.70	94.12	1.22
18-Jul		117,478.80	95.24	1.12
19-Jul	11:10 AM	118,858.90	96.36	1.12
20-Jul		120,323.83	97.55	1.19
21-Jul		121,788.75	98.74	1.19
22-Jul		123,253.68	99.92	1.19
23-Jul	9:15 AM	124,718.60	101.11	1.19
24-Jul				
25-Jul				
26-Jul				
27-Jul				
28-Jul				
29-Jul				
30-Jul				
31-Jul				
*MONTHLY TOTALS:		32,725.72	26.53 AFA	
SEASON TOTALS:		96,707.50	78.4 AFA	