

Record of Water Taking

Report Date: 2015.06.06 Period: 2015.05.01 - 2015.05.31
 Kagiano Power Corporation Permit #: 4727-7VPPMV
 P.O. Box 192 Source: Kagiano River Surface Water
 Heron Bay, Ontario POT 1R0 Location: Latitude 49.11.26, Longitude 86.07

MASL - Meters Above Sea Level : M - Meters : Sec - Seconds : kW - Kilowatts

Date	Weir Slots Open	Average Daily Water Level	Average Daily Flow through Wier Slots m ³ /sec	Maximum Rate of Taking Through Turbines m ³ /min	Total Amount of Taking Through Turbines m ³	Average Station kW	RECORDS SEEN FOR DAY
5/1/2015	14	550.68	>1.309	672.40	934,876.22	4,527	97/96
5/2/2015	14	550.75	>1.309	672.26	682,262.78	3,304	96/96
5/3/2015	14	550.80	>1.309	326.81	463,790.02	2,246	96/96
5/4/2015	14	550.80	>1.309	677.42	468,883.58	2,271	96/96
5/5/2015	14	550.79	>1.309	328.96	467,644.61	2,265	96/96
5/6/2015	14	550.73	>1.309	679.29	575,435.52	2,787	96/96
5/7/2015	14	550.60	>1.309	678.14	959,518.08	4,647	96/96
5/8/2015	14	550.60	>1.309	673.84	828,737.28	4,013	85/96
5/9/2015	14	550.61	>1.309	675.13	958,279.10	4,641	96/96
5/10/2015	14	550.61	>1.309	679.86	924,276.10	4,476	96/96
5/11/2015	14	550.59	>1.309	679.57	955,112.83	4,625	96/96
5/12/2015	14	550.60	>1.309	676.56	961,307.71	4,655	96/96
5/13/2015	14	550.65	>1.309	676.27	806,160.38	3,904	96/96
5/14/2015	14	550.64	>1.309	676.85	809,601.98	3,921	96/96
5/15/2015	14	550.63	>1.309	636.70	837,547.78	4,056	96/96
5/16/2015	14	550.66	>1.309	610.45	677,306.88	3,280	96/96
5/17/2015	14	550.72	>1.309	328.53	466,405.63	2,259	96/96
5/18/2015	14	550.75	>1.309	486.27	468,470.59	2,269	96/96
5/19/2015	14	550.78	>1.309	490.86	475,078.46	2,301	97/96
5/20/2015	14	550.78	>1.309	329.96	468,608.26	2,269	96/96
5/21/2015	14	550.78	>1.309	330.25	469,021.25	2,271	96/96
5/22/2015	14	549.40	PARTIAL DW	366.82	194,932.22	944	96/96
5/23/2015	14	549.47	PARTIAL DW	329.96	198,924.48	963	96/96
5/24/2015	14	550.68	>1.309	328.53	466,267.97	2,258	96/96
5/25/2015	14	550.68	>1.309	328.96	467,231.62	2,263	96/96
5/26/2015	14	550.68	>1.309	329.39	467,644.61	2,265	96/96
5/27/2015	14	549.57	PARTIAL DW	329.25	224,529.98	1,087	96/96
5/28/2015	14	548.34	DEWATERED	0.00	0.00	0	96/96
5/29/2015	14	548.77	PARTIAL DW	480.39	19,548.29	95	71/96
5/30/2015	14	549.86	PARTIAL DW	672.55	246,693.89	1,195	63/96
5/31/2015	14	550.69	>1.309	683.30	513,349.06	2,486	96/96

DEWATERED FULL/PARTIAL DAYS CAUSES THE AVERAGE HEADPOND LEVEL TO DROP BELOW 550.35.

FLOW THROUGH THE WEIR SLOTS IS CALCULATED AS 0 WHEN HEADPOND IS < 550.35.

THE ACTUAL FLOW WOULD BE >1.309 WHEN THE SITE IS DEWATERED.