

Table 3.2.10-2
 OU III LIPA/Airport 2012 Extraction Well Pumping Rates

2012 BNL Groundwater Status Report

Operable Unit III - Pump and Treat					
LIPA SYSTEM - Groundwater Withdrawal (gpm)					
Extraction Well Screen Int. elevation (ft. msl) depth (feet)	000-453 EW-1L -111 to -131 217 to 237	000-455 EW-2L -115 to -135 224 to 244	000-457 EW-3L -104 to -124 216 to 236	000-461 EW-4L -192 to -212 304 to 324	LIPA Monthly Total
January	0	0	0	128	128
February	0	0	0	64	64
March	0	0	0	30	30
April	0	0	0	0	0
May	0	0	0	73	73
June	0	0	0	118	118
July	0	0	0	70	70
August	0	0	0	97	97
September	0	0	0	56	56
October	0	0	0	21	21
November	0	0	0	105	105
December	0	0	0	82	82
Annual Average (gpm)*	0	0	0	70	70

Notes:

Source: BNL Facility and Operations

ft. msl = Elevation in feet referenced to mean sea level.

Elevations rounded to nearest foot

* Annual average is based on actual pumping timeframe

gpm - gallons per minute

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OU III LIPA/Airport 2012 Extraction Well Pumping Rates

2012 BNL Groundwater Status Report

Operable Unit III - Pump and Treat							
AIRPORT SYSTEM - Groundwater Withdrawal (gpm)							
BNL Well No.	800-109	800-110	800-111	800-112	800-113	800-132	Airport
Extraction Well	RTW-1A	RTW-2A	RTW-3A	RTW-4A	RTW-5A	RTW-6A	
Screen Int.							
Influent							
elevation (ft. msl)	-108 to -128	-109 to -129	-130 to -150	-184 to -204	-133 to -153		Monthly
depth (feet)	188 to 208	188 to 208	210 to 230	268 to 288	220 to 240	165 to 185	Total
Effluent							
elevation (ft. msl)	+25 to -15	+24 to -16	+25 to -15	+24 to -16	+22 to -18		Monthly
depth (feet)	55 to 95	55 to 95	55 to 95	60 to 100	65 to 105		Total
January	69	24	27	144	27	94	385
February	72	35	4	29	4	98	242
March	72	26	22	0	26	142	288
April	51	19	26	27	26	143	292
May	69	21	23	23	22	130	288
June	71	23	29	30	29	144	326
July	57	22	16	17	15	92	219
August	47	27	32	113	29	94	342
September	50	22	29	0	27	95	223
October	67	22	16	106	5	128	344
November	60	22	35	140	32	137	426
December	65	22	26	109	25	125	372
Annual Average (gpm)*	62	24	24	62	22	119	312

Notes:

Source: BNL Facility and Operations

ft. msl = Elevation in feet referenced to mean sea level.

Elevations rounded to nearest foot

RTW-1A and RTW-2A flow estimated. Both wells share a common flow meter, individual well pumpage estimated at 50% of actual flow meter reading.

gpm - gallons per minute