

Table 3.2.10-2
OU III LIPA/Airport 2015 Extraction Well Pumping Rates

2015 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	126	126
February	0	0	0	79	79
March	0	0	0	117	117
April	0	0	0	130	130
May	0	0	0	19	19
June	0	0	0	0	0
July	0	0	35	29	64
August	0	0	0	0	0
September	0	2	7	125	134
October	0	0	0	105	105
November	0	0	0	67	67
December	0	0	0	130	130
Annual Average (gpm)*	0	0	4	77	81

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

Table 3.2.10-2
OU III LIPA/Airport 2015 Extraction Well Pumping Rates

2015 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	87	0	0	139	8	131	365
February	93	30	80	68	0	150	421
March	93	30	30	85	28	150	416
April	58	99	99	5	100	121	482
May	68	0	0	118	0	102	288
June	71	50	92	220	33	124	590
July	71	60	0	113	75	127	446
August	84	0	0	130	0	126	340
September	47	99	100	143	99	105	593
October	84	90	98	141	90	157	660
November	47	70	140	135	75	95	562
December	71	50	39.0	135	70.0	123	488
Annual Average (gpm)*	73	48	56	120	48	126	471

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