

**Table 3.2.10-2
OU III LIPA/Airport 2018 Extraction Well Pumping Rates**

2018 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 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 |
| June | 0 | 0 | 0 | 0 | 0 |
| July | 0 | 0 | 0 | 0 | 0 |
| August | 0 | 0 | 0 | 0 | 0 |
| September | 0 | 0 | 0 | 0 | 0 |
| October | 0 | 0 | 0 | 0 | 0 |
| November | 0 | 0 | 0 | 0 | 0 |
| December | 0 | 0 | 0 | 0 | 0 |
| Annual Average (gpm)* | 0 | 0 | 0 | 0 | 0 |

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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| 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 | RW-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 | 67 | 20 | 0 | 110 | 0 | 106 | 303 |
| February | 90 | 20 | 18 | 140 | 0 | 140 | 408 |
| March | 75 | 20 | 18 | 99 | 0 | 117 | 329 |
| April | 111 | 20 | 29 | 22 | 0 | 170 | 352 |
| May | 92 | 20 | 17 | 150 | 0 | 143 | 422 |
| June | 76 | 20 | 13 | 132 | 0 | 119 | 360 |
| July | 96 | 20 | 0 | 174 | 0 | 149 | 439 |
| August | 97 | 20 | 0 | 162 | 0 | 150 | 429 |
| September | 86 | 20 | 14 | 145 | 0 | 135 | 400 |
| October | 98 | 20 | 14 | 167 | 0 | 151 | 450 |
| November | 87 | 20 | 30 | 167 | 0 | 135 | 439 |
| December | 83 | 20 | 17 | 143 | 0 | 130 | 393 |
| Annual Average (gpm)* | 88 | 20 | 14 | 134 | 0 | 137 | 394 |

Notes:

Source: BNL Facility and Operations

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

Elevations rounded to nearest foot

RTW-1A, RTW-6A and RTW-2A flow estimated. All three wells share a common flow meter, individual well pumpage estimated at 50% of actual flow meter reading.

gpm - gallons per minute