

Table 2-3
2009 Recharge Basin Flow Report

2009 BNL Groundwater Status Report

Recharge Basins										
BNL Basin No.	HN	HO	HS	HT-W	HT-E	HX	RA V	OU III	HZ	WSB
January	17,980	9,666	7,750	3,410	1,550	6,200	22,963	2,745	155	10,738
February	29,000	11,836	4,640	3,480	1,160	5,800	22,842	3,940	255	9,244
March	30,690	8,135	3,720	3,100	930	6,200	24,450	6,670	246	9,751
April	36,000	6,170	8,100	6,900	600	7,200	42,933	23,894	460	7,005
May	34,100	7,558	10,230	8,370	5,270	3,720	26,172	20,150	320	13,891
June	27,900	8,830	10,500	5,100	900	6,000	31,771	22,369	5,369	8,722
July	23,870	2,640	10,540	2,480	930	9,920	31,737	23,227	955	7,238
August	6,510	1,880	3,410	2,790	248	4,960	36,578	23,896	246	14,487
September	900	818	5,700	3,000	600	4,800	32,176	20,633	509	9,172
October	1,550	1,728	10,850	2,790	930	6,200	32,528	19,247	852	7,681
November	1,500	2,552	9,300	4,800	600	7,200	28,117	11,394	671	8,788
December	4,030	3,632	18,290	3,410	1,240	6,200	30,490	11,649	693	8,670
Basin Average	17,836	5,454	8,586	4,136	1,247	6,200	30,230	15,818	894	9,616

Notes:

- Sources: BNL Environmental Protection Division (HN, HO, HS, HT, HX, HZ)
BNL Groundwater Protection Division (RA V, WSB, OU III, New HP)
- Monthly recharge values reported in K gallons per month.
- Values for basins HN, HO, HS, HT, HX are based on flow meter readings which include surface- water run-off, as applicable.
- Values for basin HZ were calculated and based on the average measured flow from readings collected on a weekly basis.
- Values for RA V basin and OU III basin estimated based on flow readings from corresponding remediation wells, assuming no net line losses prior to discharge at basin.
- RA V basin flow is equal to EW 1 and 2 pumpage plus approximately half of the pumpage from OU III South Boundary and Middle Road.
- OU III basin flow is equal to approximately half of the pumpage from OU III South Boundary and Middle Road.
- NA: Values not available, flow monitoring equipment inoperable.
- Discrepancies from pumpage table due to calculations and rounding.

* = estimated

- Flow monitoring equipment at this location was inoperable during these months. The flow values provided are biased high since the flow was estimated upon an instantaneous flow measurement and the assumption that flow continued for the entire day at that level.