

Table 2-3
2011 Recharge Basin Flow Report
2011 BNL Groundwater Status Report

Recharge Basins										
BNL Basin No.	HN	HO	HS	HT-W	HT-E	HX	RA V	OU III	HZ	WSB
January	2,356	11,689	11,774	5,270	1,860	6,200	37,975	17,975	1,665	14,846
February	638	16,069	15,863	9,280	1,769	2,320	39,949	19,949	1,032	6,776
March	310	12,141	21,714	3,937	1,705	4,960	38,420	18,420	320	7,326
April	1,200	9,678	12,915	3,690	2,010	4,800	39,045	19,045	371	14,002
May	4,743	7,092	8,530	3,069	2,077	3,720	45,225	25,225	383	8,953
June	4,020	8,057	11,590	3,360	1,890	6,000	33,084	23,084	857	7,048
July	1,488	5,598	4,218	2,418	1,364	4,960	21,817	21,817	552	14,173
August	3,038	4,312	16,940	5,394	3,317	3,720	39,396	20,201	526	8,742
September	1,980	2,203	12,585	3,540	3,480	4,800	18,243	18,243	2,166	6,620
October	1,178	1,574	11,611	2,914	2,697	2,480	41,858	22,038	693	13,754
November	1,740	2,350	13,547	1,680	2,730	2,400	20,946	20,946	239	6,867
December	1,488	3,395	12,594	4,371	3,007	3,720	47,266	23,741	230	7,316
Basin Average	2,015	7,013	12,823	4,077	2,326	4,173	35,269	20,890	753	9,702

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, Middle Road and HFBR.
- OU III basin flow is equal to approximately half of the pumpage from OU III South Boundary, Middle Road and HFBR.
- NA: Values not available, flow monitoring equipment inoperable.
- Discrepancies from pumpage table due to calculations and rounding.
- * = estimated