Table 2-6
2002 Horizontal Hydraulic Gradient Summary
2002 BNL Groundwater Status Report

General Area	Specific Area	WELLS USED FOR CALCULATION		AQUIFER	MARCH 2002 HYDRAULIC GRADIENT (ft./ft.)	JUNE 2002 HYDRAULIC GRADIENT (ft./ft.)	SEPTEMBER 2002 HYDRAULIC GRADIENT (ft./ft.)	DECEMBER 2002 HYDRAULIC GRADIENT (ft./ft.)
On-Site (North)	Vicinity of RHIC	17-01	34-01	SG	0.0010	0.0010	0.0009	0.0010
		17-03	34-02	DG	0.0013	0.0009	0.0007	0.0009
On-Site (Central)	Immediate vicinity downgradient of RA V and OU III recharge basins	76-173	87-23	SG	0.0018	0.0016	0.0022	0.0023
		76-175	87-25	DG	0.0018	0.0016	0.0022	0.0023
	Vicinity downgradient of HFBR and north of Weaver Drive	65-38	96-52	SG	0.0011	0.0010	0.0011	0.0011
		65-40	96-55	DG	0.0011	0.0010	0.0011	0.0011
On-Site (South)	Vicinity between Princeton Avenue and southern site boundary (southern OU III and downgradient of OU IV, Former and Current Landfills)	105-21	121-12	SG	0.0016	0.0018	0.0016	0.0018
		105-42	121-14	DG	0.0010	0.0013	0.0011	0.0012
	Vicinity downgradient of Biology Fields and north of southern site boundary	99-05	000-174	SG	0.0009	0.0012	0.0008	0.0010
		99-11	000-173	DG	0.0009	0.0009	0.0008	0.0009
Off-Site	Dowgradient of OU V and southeast of eastern site boundary	61-03	600-25	SG	0.0008	0.0009	0.0008	0.0009
		61-05	600-26	DG	0.0009	0.0008	0.0008	0.0009
	Vicinity of Carmans River	800-51	800-23	SG	0.0040	0.0039	0.0038	0.0038
		800-52	800-22	DG	0.0040	0.0039	NM	0.0040

Notes:
RHIC = Relativistic Heavy Ion Collider
HFBR = High Flux Beam Reactor
OU = Operable Unit
RA = Removal Action
SG = Shallow Glacial Aquifer
DG = Deep Glacial Aquifer
NM = Not measured