

Table 3.2.7-2
OU III Industrial Park East Monitoring, Extraction, and Recharge Well Disposition

2012 BNL Groundwater Status Report

Well ID	Well Type	Screen Depth (feet below grade)	Aquifer	Recommended Disposition	Proposed VOC Sampling Frequency	Rationale
000-211	Plume Perimeter	212-232	Deep Glacial	Maintain for VOCs and Water Levels	Annual	Also used for North Street monitoring/water levels
000-426	Plume Perimeter	290-310	Magothy	Maintain for VOCs and Water Levels	Annual	Also used for Magothy monitoring/water levels
000-427	Plume Perimeter	265-285	Magothy	Maintain for VOCs and Water Levels	Annual	Below MCLs in 4Q 2012/1Q 2013, used for Magothy monitoring/water levels
000-429	Plume Core	290-310	Magothy	Maintain for VOCs and Water Levels	Semi-Annual	Below MCLs in 4Q 2012/1Q 2013, used for Magothy monitoring/water levels
000-489	Plume Perimeter	215-235	Deep Glacial	Abandon	None	Below MCLs
000-490	Plume Perimeter	245-265	Magothy	Maintain for VOCs	Annual	Used for Magothy monitoring, no wells nearby
000-491	Plume Perimeter	215-235	Magothy	Maintain for Water Levels	None	Below MCLs, but but no wells nearby, retain for water levels
000-492	Plume Perimeter	245-265	Magothy	Maintain for VOCs	Annual	Below MCLs but used for Magothy monitoring, no wells nearby
000-493	Bypass Detection	240-260	Magothy	Abandon	None	Below MCLs
000-494	Bypass Detection	300-320	Magothy	Maintain for VOCs	Semi-Annual	Low level VOCs present, used for Magothy monitoring, no wells nearby
000-495	Plume Perimeter	235-255	Magothy	Maintain for VOCs	Annual	Low level VOCs present, used for Magothy monitoring, no wells nearby
000-513	Plume Perimeter	235-255	Glacial	Abandon	None	Below MCLs
000-514	Plume Core	225-245	Glacial	Abandon	None	Below MCLs, no wells nearby
000-526	Plume Perimeter	330-350	Magothy	Maintain for VOCs	Annual	Installed in 2011 to monitor Magothy
122-24	Plume Core	250-265	Magothy	Maintain for VOCs	Semi-Annual	Low level VOCs present, used for Magothy monitoring, no wells nearby
122-25	Plume Core	220-235	Magothy	Maintain for VOCs	Semi-Annual	Below MCLs, used for Magothy, no wells nearby
000-433	Extraction EW I-1	235-255	Deep Glacial	Abandon	None	Extraction well below MCLs
000-436	Extraction EW I-2	295-315	Magothy	Abandon	None	Extraction well below MCLs
000-496	Recharge DW I-1	40-80	Upper Glacial	Maintain	None	Recharge Well. Maintain for possible use with potential additional off-site extraction well.
000-518	Recharge DW I-2	52-92	Upper Glacial	Maintain	None	Recharge Well. Maintain for possible use with potential additional off-site extraction well.