GZA GeoEnvironmental, Inc.

FINAL
IPEC QUARTERLY LONG-TERM GROUNDWATER MONITORING REPORT
QUARTERS ONE THROUGH FOUR 2011
(REPORT NO. 13)
INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

PREPARED FOR:

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Re: **FINAL IPEC Quarterly Groundwater Monitoring Report**
Quarters One through Four 2011 (Report No. 13)
Indian Point Energy Center
450 Broadway
Buchanan, New York 11501

Dear Mr. Doroski:

GZA GeoEnvironmental of New York (GZA) is pleased to provide this 2011 Quarterly Groundwater Monitoring Report for Indian Point Energy Center located at 450 Broadway, Buchanan, NY.

We trust that this information satisfies your present needs. Should you need any additional information, please do not hesitate to call us at (781) 278-3805.

Very truly yours,

GZA GEOENVIRONMENTAL OF NEW YORK

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Attachments: 3 Copies

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1.0 EXECUTIVE SUMMARY

On behalf of Entergy Nuclear Northeast, Inc., GZA GeoEnvironmental of New York (GZA) has completed the Q1 through Q4 2011 quarterly groundwater monitoring for the Indian Point Energy Center (IPEC), culminating in this report[1]. Interpretations of the monitoring data have been made in the context of the current Conceptual Site Model[2] (CSM). Development of this model began at the outset of the site investigations and has been iteratively enhanced as subsequent data has become available, in part through quarterly monitoring. The report has been written with a focus on the subject four quarters of 2011 data. Relationships to prior data, more in-depth technical explanations and exceptions to generalized statements and conclusions have typically been explained in the footnotes. This report format was chosen to allow efficient assimilation of the most current data and analyses by those already familiar with the project. The footnotes contain important information and should be carefully read by all, but particularly by those less familiar with the technologies involved and the project history. It is further noted that the analyses and conclusions presented in this report are based on the data and information available up to and including Q4 2011. Data that becomes available after the subject quarter (Q4 2011), but before the finalization date of the report, will be sequentially reflected in associated subsequent reports.

Consistent with our interpretation of earlier data, and based on the 2011 quarterly groundwater sampling data , GZA concludes that groundwater contaminants continue to migrate toward the Hudson River to the West, and have not migrated off the Site to the North, East or South.

Radionuclide activities measured during each 2011 quarter were combined with the four previous quarterly and post-quarterly data sets to compute yearly rolling average groundwater activities for each quarter. For Q4 2011, these data were multiplied by the associated individual zone-specific groundwater flux values, derived from the Precipitation Mass Balance Model[3], to compute yearly average radionuclide release rates to the Discharge Canal and Hudson River. The CSM, upon which this radionuclide dose computation is based, continues to be validated through: (1) groundwater elevation data downloaded quarterly from a focused set of transducer-monitored well installations; (2) the behavior of both the Unit 1 Strontium plume and the Unit 2 Tritium plume as evaluated each quarter; and (3) the behavior of the recent Unit 1 and Unit 3 Tritium plumes, as discussed further in this report. These data, in our opinion, continue to support the use of the current CSM as a basis for Long Term Monitoring Program design.

The 2011 quarterly data further support the conclusion that the overall Tritium activity in the Unit 2 plume is generally showing a historically decreasing trend, from both qualitative and quantitative perspectives[4]. These overall reductions are seen on **Figure G-17**, where the total

[1] The plume and data analyses discussed in this report reflect data available through the Q4 2011 quarterly monitoring round.

[2] The formulation and basis for the overall CSM and the Precipitation Mass Balance model are presented in the Hydrogeologic Site Investigation Report, January 7, 2008, prepared by GZA GeoEnvironmental, Inc, on behalf of Enercon Services, Inc., for Entergy Nuclear Northeast, Indian Point Energy Center, 450 Broadway, Buchanan, NY 10511.

[3] Refer to Appendix H of the Quarter 2 2009 Quarterly Long-Term Groundwater Monitoring Report for discussion of the recalibration of the Precipitation Mass Balance Model. Precipitation and groundwater elevation data were collected onsite between 2007 and 2009 and used to compute groundwater fluxes across the site. Based on analyses of these data, it was concluded that this data set sufficiently encompassed the historical variability in groundwater elevation and flux response to seasonal and yearly precipitation variability. Therefore, maximum onsite groundwater fluxes were calculated from the elevation data, and used to conservatively recalibrate the Precipitation Mass Balance Model, as discussed and employed in the Q2 2009 Quarterly LTM Report.

[4] A slightly increasing to stable trend in the overall Tritium activity was observed between Q4 2009 and Q2 2011 due to the Q4 2009 transient surface spill from the rented RWST/R.O. processing skid. The most recent quarterly data sets (Q3 2011 and Q4 2011) demonstrate a re-establishment of the overall historical decreasing trend of the total Unit 2 Tritium plume activity, with the dissipation of the R.O. skid spill (see **Figure G-17**). Further discussion on the transient RWST/R.O. skid spill can be found below and in the Q4 2009 Quarterly Monitoring Report.

Tritium activity has decreased by approximately 55% since Q2 2007, and by 91% when compared to the bounding level Tritium activities. This overall trend is also evident on **Figures 6-Q1** through **6-Q4** and **6A,** where the shaded plume[5] no longer extends downgradient to the river, as first observed in the Q2 2009 data. It is further visually evident from **Figure 6A** that the core of the plume has also shown a marked decrease in activity and extent over time in the vicinity of MW-111. These findings are consistent with our CSM, which anticipates overall decreasing trends in Tritium activity.

Consistent with one of the purposes of this Report, we also point out and explain data which, when first considered, may initially appear inconsistent with the assumptions used to develop the CSM. Such examples, where Tritium has increased in recent quarters, include:

- Beginning in Q2 2011, uncharacteristic increases in Tritium activity were noted in several monitoring installations located on the south side of Unit 1; whereas the Unit 2 Tritium plume is confined to Unit 2 and areas north of the Unit 1 Containment Building. Given that groundwater cannot flow from Unit 2 to this southern area of Unit 1, it was judged likely that a spill had recently occurred and investigations were therefore initiated.

  More specifically, the Tritium activity in the deeper sampling intervals directly to the south and southwest of the Unit 1 Containment Building (MW-47-80 and MW-56-83, respectively) increased markedly relative to typical historical levels for these monitoring locations. Also beginning in Q2 2011, a distinct increase in Tritium activity was observed in monitoring installation MW-39, located upgradient/cross-gradient of Unit 1 in the northern portion of Unit 3. Subsequently, monitoring installations located further downgradient (e.g. MW-54, MW-50 and MW-49) exhibited Tritium activity increases in Q3 2011 and Q4 2011, as the perturbation moved through these locations.

  The above cited increases in Tritium activity are likely related to a transient CSB Sample Sink Overflow[6] observed in the Unit 1 Chemical Systems Building (CSB) in April 2011. See **Figure 6-Q2** and **Section 3.4.4** below for further discussion on this identified source and the associated likely migration pathways.

- Coincident with the above discussed Unit 1 Tritium increases, a number of wells located further south in Unit 3 (e.g., MW-41, 44, 45, 46) also peaked to uncharacteristically high Tritium levels at the same time. Notwithstanding the temporal connection, and in part because these wells are located on the other side of a groundwater mound from Unit 1 (and MW-39), it is believed that these Unit 3 Tritium increases are not due to the above Sample Sink Overflow, but rather are associated with the washout[7] entering Manhole A2 (MH-A2) from the Fuel Storage Building (FSB) roof drain when the vent fan was

[5]The plume shading on **Figure 6** demarks the estimated boundary that separates Tritium levels greater than 5,000 pCi/L from those below this value, and provides a reasonable demarcation level for illustrating plume geometry and temporal variation. Although, this value equates to one-quarter of the drinking water standard for Tritium, GZA emphasizes that drinking water standards (USEPA MCLs) do not apply to the IPEC property given that there are no drinking water sources on or proximate to the site. Where yearly rolling average radionuclide activity data were available for multiple depths at a given location, GZA used the highest value to develop plume delineations. This is a typical approach to conservatively represent three-dimensional contaminant data sets on two-dimensional maps.

[6]Note that, as further discussed in **Section 3.4.4**, this release includes the sink overflow, as well as a previously contained pipe leak, all of which flowed into a compromised floor drain. These multiple facets of this release are all associated with the distillate tank waste processing system located in the Unit 1 CSB, and are termed the "CSB Sample Sink Overflow".

[7]The term "washout," as used herein, is the process by which Tritiated water vapor is transformed into Tritiated water as a liquid. In general, this transformation is driven by condensation (as is the primary underlying driver associated with MH-A2, above) and/or Tritium diffusion from the Tritiated water vapor into precipitation (rain and/or snow), either while it is still falling or after deposition.

generally not operating[8] (see **Section 3.4.4** below, and the Q4 2010 quarterly report for further discussion of the washout releases from the FSB roof drain to MH-A2).

Transient Tritium peaks above historical baseline in MH-A2 were initially observed in Q2 of 2009, with more elevated Tritium activity becoming evident between September 2010 and July 2011. These more recent data clearly demonstrated that the Tritium activity within MH-A2 is directly proportional to the discharge from the FSB roof drain when the vent fan was out of service. The vent fan was placed back in service on July 21, 2011, after which the Tritium activity rapidly[9] returned to baseline conditions (<2,000 pCi/L) within the FSB roof drain and MH-A2.

The greater response of the proximate groundwater monitoring wells, as compared to that observed during previous MH-A2 Tritium increases, is believed due to the coincident Unit 3 outage. During an outage, the reactor cavity is open and pool temperature becomes significantly elevated, both resulting in greater evaporative losses, and thus greater likely washout impacts. Based on these investigations and associated data collected, it has been concluded that the elevated Tritium levels detected in MH-A2, as well as the proximate and downgradient monitoring wells (MW-41-40, MW-44-66, MW-45-42 and MW-46) and manhole B-1, are due to the FSB roof condensate generated while the vent fan was not operating and, as such, do not indicate a new leak from a System, Structure or Component (SSC). Moreover, the vent fan has been replaced and the subsequent data show this issue to have been rectified (see **Section 3.4.4** below for further discussion).

- Subsequent to the relatively small, singular peak noted in MH-5 VCFD for the first time in Q3 2010, more elevated peaks in Tritium activity have been observed throughout 2011, where the maximum activity was multiple times higher than the Q3 2010 peak[10]. Due to these peaks in Tritium activity, the sampling frequency for MH-5 VCFD was increased from quarterly to weekly, including flow rate measurements. This more intensive sampling regimen was initiated in June 2011 to further support an investigation to identify the ultimate cause of these elevated Tritium levels, which is now more focused on potential process inputs such as Tritium contribution from plant/FSB vent condensate (**see Figure 6B** and **Section 3.4.4, MH-5 VCFD** below for further discussion). Based on these additional 2011 data, the Tritium peaks in MH-5 VCFD do not appear to be correlated with the recent increase in flow rate in the LCD, nor do they appear to foreshadow increases in the monitoring wells proximate to the Unit 2 SFP[11].
- During 2011, the flow rate into the Leak Collection Device (LCD) fluctuated between approximately 0.7 and 2.5 liters/day from March 2011 to September 2011, compared to a historical baseline flow rate of <0.02 L/day[12]. The LCD flow rate then gradually

[8] It is noted that the Tritiated water vapor evaporating from the SFP is a permitted release through the Plant Vent located atop the VC building. Analyses were conducted to account for this release to the FSB roof in the dose computations. This same Tritium has therefore been "double counted" because it is again included in the storm drain and groundwater portions of the dose computations.

[9] A MH-A2 sample was collected only 7 days after the vent fan was placed back in service (7/28/2011) and the Tritium activity in the sample was 3,140 pCi/L, approximately 30 times lower than the average Tritium activity from September 2010 to July 21, 2011. Subsequent samples showed further decreases.

[10] It is noted that the water collected by the MH-5 VCFD is routed to the discharge canal where it is released as a monitored discharge. As a monitored discharge, this Tritium activity is directly accounted for in the dose computations.

[11] Review of **Figure 6B,** which includes four additional quarters of data (relative to that presented in the previous Q4 2010 report), demonstrates that the Tritium peaks observed in MH-5 VCFD (as well as those observed in the proximate the monitoring wells) are not convincingly correlated with the increased flow rates in the LCD. Therefore, the conjecture that these data were potentially correlated, as hypothesized in both the Q3 and Q4 2010 reports, appears to be less likely the case given the additional data. As such, the Tritium peaks observed in the monitoring point data, particularly that from MW-31 and MW-32, appear to be more likely the result of the subsequently discussed transient surfaces spills as well as the Retention Mechanisms.

[12] All of the water collected by the LCD is fully contained and does not enter the groundwater regime (see below).

decreased to approximately 0.5 L/day between September 2011 and December 2011[13], but still remained well above the historical baseline collection rate.

A previous, clear increase in the daily volume of water collected by the LCD was also observed in Q3 2010, with an average flow rate of approximately 1.5 L/day. However, this increase was followed by a rapid return to baseline conditions in October 2010, and the LCD flow rate remained at those baseline conditions during Q4 2010. Previous investigations indicated that the increased flow observed in Q3 2010 was potentially correlated[14] with the timing of atypically elevated water in the fuel pool associated with dry cask work. Following the limiting of these increases in pool water elevation, a marked decrease was observed in the LCD flow rate throughout Q4 2010.

With the resumed increased LCD flow, further investigations by GZA and Entergy in Q1 2011 and Q2 2011 identified a number of existing light outlet boxes, welded to the inside liner of the fuel pool, as potential locations where pool water could get through the liner during high water levels (i.e., above the designed high water level of the pool). Earlier investigation into the light outlet boxes, through examination of design drawings, indicated that the light boxes were unlikely to be a leak point because the electrical conduits which sourced the boxes were routed up the pool wall, connected to conduits above the top of the pool, and did not penetrate the liner. However, subsequent visual investigations, as confirmed by further plant drawings, identified locations where an alternative design was employed so the conduits sourcing the boxes would not interfere with the crane rail at the top of the pool. In these specific cases, the conduits did penetrate the liner. Following subsequent invasive inspections of the light boxes, it was concluded that there is definitive indication that these specific boxes did contribute, at least in part, to the LCD flow rate under transient overfill conditions. This conclusion is based on the finding of boron precipitate within the boxes and conduit penetrations.

See **Section 3.4.4** below for further discussion of the construction and planned permanent sealing of these light boxes.

- Given the increased 2010 and 2011 LCD flow rate observations, **Figure 6B** has been included in this report to visually present both the historical LCD flow rate data and the Tritium data for the monitoring installations located within the Unit 2 Tritium plume. In this regard, it is first emphasized that all water collected in the LCD is captured, measured and disposed of as a monitored release, and does not enter the groundwater system. Further, review of **Figure 6B,** which includes four additional quarters of data (relative to that presented in the previous Q4 2010 report) demonstrates that the increased flow rates in the LCD are not convincingly correlated with the peaks in the monitoring wells or MH-5 VCFD. Therefore, the conjecture that these data were potentially correlated, as hypothesized in both the Q3 and Q4 2010 reports, now appears to be less likely the case given the additional data. As such, the Tritium peaks observed in the monitoring point data, particularly that from MW-31 and MW-32, appear to be more likely the result of the subsequently discussed transient surfaces spills (see below), as well as the Retention Mechanisms[15] associated with the historical releases and these more recent spills. Therefore, we found no conclusive evidence for new,

[13] It is noted that the LCD flow rate actually increased from approximately 0.5 to 0.9 L/day between December 21, 2011 and the end of the year.

[14] While the data trends appear to correlate, it is noted that simple correlation does not demonstrate causation.

[15] Peaks in Tritium activity have been observed in multiple sampling ports of MW-31 and MW-32 since Q1 2009 and to a lesser extent since monitoring began. This long-term variability appears to be consistent with episodic releases of Tritium historically stored in the subsurface via natural and anthropogenic Retention Mechanism(s). This conclusion is further supported by the tracer data and other analyses discussed in Section 3.6 of the Q1 2009 Long Term Monitoring Report. The original discussion of these Retentions Mechanisms can be found, along with the CSM, in the previously cited Hydrogeologic Site Investigation Report.

unidentified leaks in the Unit 2 SFP or other monitored Unit 2 SSCs that have released radionuclides to the groundwater system during 2011.

The recent LCD data are discussed in more detail in **Section 3.4.4** below.

- While Retention Mechanisms clearly appear to impact Tritium activity as referenced above, more noticeable increases in Tritium levels in several MW-31 and MW-32 sampling intervals were observed during the Q1 2010 through Q3 2010 sampling events, where Tritium activities peaked within multiple intervals at the highest recorded historical levels. These elevated Tritium activities were likely related to a Q4 2009 surface spill, located proximate to these wells, from a temporary rental RWST/R.O. processing skid[16], which was first detected during routine 80-10[17] sampling of MH-9 in mid-January 2010.

  Due to the short duration of the elevated Tritium activity measured at the release point in MH-9 and the transient nature of this surface spill, it was anticipated that the elevated Tritium levels would dissipate in these monitoring locations once this pulse input migrated downgradient. As expected, the Tritium activity at these upgradient monitoring locations generally decreased to the typical historical Tritium levels by Post-Q1 2011[18]. Furthermore, sampling intervals further downgradient (e.g. MW-36-41, MW-37-40) also returned to typical historical Tritium activities by Q4 2011, in response to the dissipation of the RWST/R.O. spill. As such, the transient release from the RWST/R.O. appears to have generally dissipated through the system[19], as seen in **Figure G-17** which shows clear reductions in Unit 2 total plume Tritium activity during Q3 2011 and Q4 2011.

  Moreover, as a proactive response to this spill, Entergy has made modifications to plant systems and operational procedures to allow the RWST/R.O. processing skid to be positioned inside the Unit 2 MOB for all future outages. These operational modifications were implemented based, in part, on the findings of the Long Term Monitoring Program as a measure to reduce the potential for future spills.

The overall Sr-90 activity within the Unit 1 plume had generally been stable to decreasing in response to the West Pool demineralization operations conducted by Entergy beginning in 2006. However, the final defueling of the Unit 1 SFPs, completed in Q4 of 2008, resulted in a noticeable increase in Strontium activity proximate to the SFPs, followed by downgradient increases (see **Figures 7-Q1** through **7-Q4** and **7A**). This was expected given the requirement to temporarily raise the pool levels for fuel rod removal, thus increasing leakage rate from the SFPs[20]. As expected, Strontium levels have decreased since the completion of defueling. The Unit 1 total plume Strontium activity has, on average, decreased by nearly 70% relative to peak defueling levels, and approximately 20% relative to pre-defueling levels (see **Figure J-1**, **Appendix J**). More proximate to the pool, the Strontium activity has decreased to an even greater degree. In fact, the Q4 2011 Strontium activities at the majority of these near-pool monitoring locations (e.g. U1-NCD, MW-42-49, U1-SFDS, U1-CSS) were approximately 80-98% lower than the average pre-defueling levels. The Strontium activity further downgradient of the pool generally exhibited decreasing trends approaching pre-defueling levels (MW-37, MW-55)

[16] This transient and localized surface spill involved a rented RWST/R.O. processing skid brought on-site by an outside contractor during the Unit 2 outage. As such, this equipment is not an in-place Unit 2 SSCs and is no longer on site.

[17] NRC Inspection Enforcement Bulletin (IEB) 80-10, Contamination of Nonradioactive System and Resulting Potential for Unmonitored, Uncontrolled Release of Radioactivity to Environment, May 6, 1980.

[18] Only one sampling interval, MW-32-85, at these monitoring locations did not yet return to the historical baseline by Post-Q1 2011. A slightly elevated Tritium activity was noted in this sampling interval until Q3 0211. It is also noted that the 2010 Tritium Investigation Level was not exceeded at MW-32-85 from Q1 2010 through Q4 2011.

[19] Also note that the transient RWST/R.O. skid spill potentially replenished the Retention Mechanism storage. Therefore, future releases from Retention Mechanisms could still be seen in future quarters.

[20] As of late 2008, all the fuel rods have been removed from the Unit 1 SFPs and the pool water has been drained. As such, the Unit 1 SFPs is no longer an active source of radionuclides to the subsurface.

or decreased to pre-defueling levels (MW-36, MW-49, MW-50, MW-54, MW-57) in recent quarters; however, Strontium increases were noted in a few downgradient sampling intervals (e.g. MW-50-42, MW-53-120 and MW-55-24) during Q3 and Q4 2011. Strontium peaks were observed in both downgradient riverfront wells (MW-66-36 and MW-67-39) during 2011 as this input moved towards the river. It is expected that the downgradient, riverfront wells will also fully return to pre-defueling levels once this transient perturbation has passed through the groundwater flow system. It is anticipated that this flushing mechanism will be protracted given the impact of partitioning on Strontium levels in the groundwater.

Based on the data and analyses provided herein, our conclusion is that the Unit 2 Tritium and Unit 1 Strontium plumes have both been undergoing overall long-term reductions in activity after the respective source interdictions. Given this conclusion, and the recognition that Entergy terminated all previously identified leaks in the Unit 2 SFP[21], will permanently seal the light boxes, and has decommissioned the Unit 1 SFPs, these plumes satisfy the requirements for Monitored Natural Attenuation (MNA), the remedial technology selected for the IPEC Site. However, it is also concluded that, while a portion of the leakage from the above cited localized, transient spills traveled directly to the saturated groundwater regime and resulted in the observed transient "peaks" in radionuclide levels, additional portions of these releases likely remain above the water table as recharge to the various Retention Mechanism(s). This additional unsaturated zone source recharge will likely be manifested in the future as additional non-specific peaks in radionuclide levels due to episodic releases to the groundwater flow regime from these mechanisms (e.g., from intense/prolonged precipitation events). These localized release events also interfere with the goal of resetting Site Investigation Levels (I.L.s); updating of Strontium I.L.s must therefore await full return to the original Strontium baseline levels existing prior to Unit 1 defueling in the downgradient wells (i.e. MW-37-40, MW-50-42, MW-55-24), and additional seasonal data is required to better assess Tritium response to precipitation-driven Retention Mechanism release variability. Therefore, the ultimate confirmation of the above conclusions will require monitoring over a number of years so as to allow ranges in seasonal variation to be adequately reflected in the monitoring data and thus demonstrate the rate of continued depletion of Tritium and Strontium from the Retention Mechanism(s). It is important to recognize that, even with these localized, transient spills, the amount of radionuclides being released through the groundwater pathway is still small compared to permitted levels of Tritium discharge to the river through the Discharge Canal.

In summary, based on the data collected to date and the apparent strength of the CSM to evaluate that data, we believe all Program Objectives (see **Section 3.0**) are being met. These objectives are consistent with and fully encompass the guidance provided in the NEI Groundwater Protection Initiative (GPI). In addition, given the robustness of the monitoring network and the overarching Long Term Monitoring Program, particularly as further data sets are collected, it has become a valuable tool for identifying existing equipment and/or operational procedures that can be upgraded to prevent future radionuclide releases/spills.

[21] Further justification for this conclusion can be found in Section 3.6 of the Q1 2009 Quarterly Monitoring Report as well as the Hydrogeologic Site Investigation Report. The Q1 2009 Report summarizes additional, more quantitative analyses which were completed to further investigate the integrity of the Unit 2 SFP. However, given the current behavior observed in the Unit 2 LCD data (see Section 3.6 of the Q1 2009 Long Term Monitoring Report and **Section 3.4** of this report) even following the temporary sealing of the light boxes, additional investigations/data evaluations are underway to further rule out potential Unit 2 SFP leak mechanisms. In this regard, it is noted that these analyses cannot definitively and completely rule out the possibility of a remaining small leak which could then also be supplying Tritium to the groundwater flow regime in addition to the Retention Mechanism(s) and surface spill from the process skid discussed above. While it is not possible to quantify the size of the minimum detectable leak with any degree of certainty, we believe that the maximum leak rate from the Unit 2 SFP that could potentially remain undetected by the groundwater monitoring system is less than 10 to 30 gpd (0.007 to 0.021 gallons per minute). It is also likely that if a small leak exists in the Unit 2 SFP liner, it should not get worse with time. This opinion is based on liner evaluations previously conducted by Entergy. It is further emphasized that while a leak of more than 0.02 gallons per minute should be large enough to be readily detectable with the existing Long Term Monitoring Program; this amount of Tritium release to the river is still small (<0.01%) compared to permitted levels of Tritium discharge to the river through the Discharge Canal.

2.0 SCOPE OF WORK

During each quarter in 2011, GZA performed groundwater monitoring at IPEC in Buchanan, New York (Site) as part of IPEC's overall Long Term Groundwater Monitoring Program (LTMP) at the Site[22]. The overall foundation for the development and execution of this LTMP is based on the CSM, a description of which is contained within GZA's Hydrogeologic Site Investigation Report[23]. The scope of work completed for this year's monitoring is described in the Sections below. Refer to **Figures 1 and 2** for a Site Location Plan and Site Plan. **Figure 3** provides a Lower Hudson Valley Geologic Map and **Figure 4** summarizes Current and Potential Future SSC Source Locations through Q4 2011.

2.1 Groundwater Elevation Measurement

GZA maintains a network of long-term monitoring transducers and dataloggers as part of the instrumentation located across the Site. These instruments record groundwater elevation and temperature measurements at regular time intervals[24], which are then downloaded on a quarterly basis[25]. Transducer installation logs are presented in **Appendix B**.

During the quarterly sampling, GZA downloaded groundwater elevation data from the long-term monitoring transducers, which collected data over the entire duration of the quarter. The low-tide groundwater elevation data during each quarter of 2011 from these 22 transducers are presented in **Table 2** and compared to historical minimum and maximum values on the four **Figure 5A**s (**5A-Q1** through **5A-Q4**)[26] included in this report**.**

The Q1 2011 low-tide groundwater elevation was recorded on January 22, 2011 and the data at four locations (five transducer intervals) were outside 30% of the Q2 2007 through Q2 2009 range. One of these locations (two transducer intervals) is a Unit 2 riverfront well where the maximum deviation was less than one foot in elevation. Both of these intervals (MW-67-39 and MW-67-340) also: (1) recorded a deviation of similar magnitude during the previous, Q4 2010, quarter; and (2) malfunctioned in the following, Q2 2011, quarter. Even with these potential equipment malfunctions, the overall horizontal and vertical gradients are still consistent with

[22] Refer to the "Quarterly Long-Term Groundwater Monitoring Report Q2–Q4 2007 (Report No. 1)," dated May 2008 for Site background information and a description of the environmental setting.

[23] Hydrogeologic Site Investigation Report, January 7, 2008, prepared by GZA GeoEnvironmental, Inc, on behalf of Enercon Services, Inc., for Entergy Nuclear Northeast, Indian Point Energy Center, 450 Broadway, Buchanan, NY 10511.

[24] Currently, transducers record groundwater elevation and temperature readings on a 20 minute time interval so as to allow capture of tidal variability. An original, more extensive network of pressure transducers provided critical data inputs for the development of the CSM and the computation of yearly radiological dose to the Hudson River. Over the first nine quarters of the LTM program (Q2 2007 through Q2 2009) sufficient data was collected from this more extensive network of transducers to capture groundwater elevation response to seasonal and yearly precipitation variability. Therefore, starting with the Q3 2009 quarterly report, the transducer monitoring program was refocused on a select subset of locations to routinely monitor the on-Site groundwater conditions going forward. These locations were selected to provide the data required to document that groundwater flow conditions remain consistent with the CSM, thus demonstrating the veracity of the subsequent dose computations. The rationale for the specific locations and depths included in the LTMP transducer redeployment are provided in Appendix K of the Q1 2009 Quarterly Monitoring Report (Report No.5), dated July 2, 2010 and Appendix J of the Q2 2009 Quarterly Monitoring Report (Report No.6).

[25] With regard to these ongoing long term monitoring locations, it is noted that the transducers have a limited life. While some of the transducers can be replaced, and have been replaced in the past, others are permanently installed in the subsurface and are no longer accessible for replacement. However, with time, the base of data upon which model validity is assessed becomes increasingly more robust. Therefore, if some of these transducers fail over time, it is not likely that replacement will be imperative. This is because the likelihood of encountering a precipitation event substantially outside the already captured range becomes increasingly more remote with time as more data are collected. In addition, it is again emphasized that considerable conservatism has been incorporated within the model development and the dose rates computed are still far below those permitted by regulation.

[26] Figure 5, which previously presented shallow and deep groundwater contours, can be found in quarterly reports prior to, and including Q2 2009. This figure is no longer required given that sufficient quarterly contour data has already been obtained (See the Q2 2009 Quarterly Monitoring Report for further analysis).

groundwater elevation data from previous quarters. Another location (MW-30-69) deviated by less than 0.1 feet from the 30% criteria; as such, the vertical and horizontal groundwater gradients showed no substantial variations in the Unit 2 power block area of the plant. The final two locations (MW-43-28 and MW-51-40) are both located to the south of Unit 3, and MW-51 represents an on-site boundary well. The groundwater elevation in MW-51 was lower than the 30% criteria by approximately 2 feet, while the groundwater elevation in MW-43 was approximately 3 feet greater than the 30% criteria. Even though these deviations were observed, the groundwater elevation in MW-43 was still lower than MW-51, indicating no alteration in the overall groundwater flow direction towards the power block area of the plant. Additionally, the overall vertical gradients at both locations were still consistent with the historical data.

The Q2 2011 low-tide groundwater elevation data were recorded on May 25, 2011 and the data at two locations (three transducer intervals) were outside 30% of the Q2 2007 through Q2 2009 range. One of these locations (two transducer intervals) is a Unit 2 riverfront well where the deviation was greater than the 2007 through 2009 criteria by approximately one foot in elevation. However, these data points still represented the lowest groundwater elevations (other than the river location, HR-1) of all the long-term monitoring transducer locations, and thus still demonstrate that groundwater flows towards the Hudson River. The final interval showed a deviation of less than 0.1 feet from the Q2 2007 through Q2 2009 criteria.

The Q3 2011 low-tide groundwater elevation data were recorded on August 22, 2011 and the data at three locations were outside 30% of the Q2 2007 through Q2 2009 range. All three of these intervals were within 1.5 feet of the 30% criteria; as such, the overall groundwater gradients (both horizontal and vertical) were not substantially altered across the site based on the Q3 2011 transducer data.

The Q4 2011 low-tide groundwater elevation data were recorded on November 21, 2011 and the data at three locations (four transducer intervals) were outside 30% of the Q2 2007 through Q2 2009 range. One of these monitoring locations (two transducer intervals) is the same Unit 2 riverfront well (MW-67) that recorded deviations from the 30% criteria in Q4 2010 and Q1 2011. The Q4 2011 groundwater elevations are consistent with these recent results and the overall horizontal and vertical gradients are still similar to historical data. The remaining two transducer intervals showed a deviation of less than 0.5 feet from the Q2 2007 through Q2 2009 criteria, resulting in no overall alterations to groundwater flow direction.

Therefore, these 2011 groundwater elevation data show no alterations in overall groundwater flow direction and no substantial variations in the overall horizontal and vertical groundwater gradients. As such, these data demonstrate that substantial variations to the observed flow field have not occurred. These data thus further validate the applicability of the Precipitation Mass Balance Model (PMBM) for use in subsequent radiological dose computations – see **Section 3.1**.

2.2 Monitoring Installation Sampling

During each quarter in 2011, GZA collected groundwater samples for radionuclide analysis from scheduled sampling intervals within select monitoring installations ("wells") as shown in **Tables 3-Q1** through **3-Q4**. Chains of Custody for these samples are presented in **Appendix C**. GZA also collected additional groundwater sample volumes to provide aliquots to the NYDEC in Q2 2011.

GZA used a number of different types of pumping equipment depending upon the sampling method and the characteristics of the individual monitoring installation[27]. **Table 1** lists the monitoring installations sampled, the sampling depths and elevations within sampling installations, and the sampling method and equipment used.

In general, GZA implemented two basic methods of sampling to collect representative groundwater samples: the Low Flow method and a modified well volume purge method. The Low Flow method allows collection of representative groundwater samples from discrete sampling zones within a monitoring installation, while limiting the accumulation of wastewater[28]. As agreed by Entergy Nuclear Northeast, the NRC, NYSDEC, and GZA, the modified traditional purge method[29] allows for the collection of a representative groundwater sample from a monitoring installation after purging 1.5 volumes of water[30]. We implemented this method in wells where low flow sampling was not practical. Sampling Data Sheets summarizing water quality data and sampling information are presented in **Appendix D**.

With all of the above sampling methods, GZA used dedicated sampling equipment, including polyethylene and/or nylon tubing and submersible electric pumps to the extent practical. The use of dedicated sampling equipment limits the possibility of cross-contamination between monitoring installations and/or individual multi-level samples within a single installation. Refer to **Table 1** for a summary of the sampling methods, equipment, frequency, and depths employed during this quarter's groundwater monitoring round.

2.3 Additional Monitoring Location Installation

In October 2011, GZA began the installation of an additional multi-level monitoring installation, designated MW-68, near the southwest corner of the Unit 3 Transformer Yard. Entergy authorized the construction of this monitoring location in order to increase the robustness of the Unit 3 well network and thus reduce risk of potential future Unit 3 releases going undetected. After grouting 8 inch steel casing four feet into bedrock (top of bedrock was approximately 10 feet below ground surface (bgs)), PQ bedrock core samples were collected to 150 feet bgs, using 5 foot core runs. During borehole advancement, a GZA field engineer evaluated the rock cores and logged rock type/conditions.

Following advancement to 150 feet bgs, the borehole was developed through surging and pumping techniques in preparation for downhole geophysical testing. Due to an open fracture zone in the shallow bedrock, approximately 8,000 gallons of water were purged prior to adequate removal of fines/rock dust, which settled at the bottom of the borehole during the surging process[31]. After the borehole was developed, multiple downhole geophysical logs were completed, including: fluid resistivity, temperature, caliper, acoustic-televiewer (ATV), television, and heat pulse flow meter (both ambient and stressed) logs. The geophysical data were reviewed by GZA personnel and five sampling intervals were identified within the borehole. See **Appendix I** for the MW-68 geophysical logs.

[27] Refer to Section 4.3 of the Final 2007 Quarterly Long-Term Groundwater Monitoring Report No. 1, dated May 2008, for sampling method and equipment selection rationale.

[28] As described in: Low-Flow Sample Collection, GZA, 7/18/2007

[29] As described in: Modified Traditional Groundwater Sample Collection, GZA, 7/18/2007

[30] When external factors (such as well-surface-flooding from storm water runoff or overland flow of plant component leaks) might have infiltrated the top of the well and impacted ambient groundwater conditions at a specific sampling location, GZA typically purged three to five volumes of water (using the modified traditional purge method) prior to collection of a sample to attempt to obtain a representative groundwater sample.

[31] Approximately 4,700 gallons were introduced during coring activities. Following the initial surging, approximately 12 feet of fines/rock dust had settled into the bottom of the borehole. The apparent source of these fines was a 1.5-foot open fracture located approximately 25 feet below ground surface.

The borehole was subsequently over-reamed to 8 inches using rotary (spun casing) drilling techniques. Approximately 10,000 gallons of water were introduced during the reaming process due to the open, shallow bedrock fracture. The widened borehole was then developed a second time using surging and pumping techniques, and the volume of water introduced during over-reaming was purged from the hole. Following borehole development, four individual PVC monitoring wells (one containing two screens and an inflatable packer) were installed at varying depths based on the geophysical data. For additional information, the borehole and well completion logs are located in **Appendix I**. The monitoring well installation for MW-68 was completed on December 22, 2011. The initial MW-68 groundwater samples will be collected in Q1 2012 (following the appropriate stabilization time), and this monitoring installation will be sampled quarterly thereafter as part of the Long Term Monitoring Program in the future.

2.4 Vapor Containment Building Foundation Drain Sampling

During 2011, GZA collected water samples from on-Site manholes MH-5 VCFD[32], B-1 and B-6 to characterize discharge from foundation drains around and below the Unit 2 and 3 Vapor Containment Structures. These drains include both foundation drains around the building peripheries ("curtain drains") as well as those around the sumps near the middle of the structures ("reactor sump footing drains"[33]).[34]

2.5 Proactive Mid-Quarter and Confirmatory Sample Collection

In response to the 2010 Tritium peaks observed in multiple MW-31 and MW-32 sampling intervals (RWST/ R.O. skid spill), additional Post-Q1 2011 groundwater samples were collected at all active sampling intervals within these two monitoring locations (as well as MW-30). Additional Post-Q2 2011 and Post-Q3 2011 groundwater samples were also collected at multiple locations in response to the recent Tritium peaks observed in several Unit 1 and Unit 3 monitoring locations (Unit 1 transient sink overflow).

The results of the confirmatory and mid-quarter samples are presented in **Section 3.4** along with the quarterly data. Sampling Data Sheets summarizing water quality data and sampling information are presented in **Appendix E**.

2.6 Preventative Maintenance

GZA performed general wellhead maintenance tasks, such as housekeeping of well vaults and roadboxes, and replacement of dedicated sampling equipment, tubing and transducers, as required.

[32] GZA collects the water sample from the vapor containment foundation drain (VCFD) input into this manhole and not the manhole's sump. Thus, the MH-5 VCFD sample name.

[33] We could not verify that a foundation drain exists around the reactor sump in Unit 2. The assumption that it does exist is based on the plans for Unit 3 and the similarities in construction of both units.

[34] These two Unit 2 drains which discharge into MH-5 VCFD, along with similar drains for Unit 3 which discharge into Manholes B-1 and B-6, form an integral part of the early leak detection monitoring network. However, sampling from these three manholes has generally been problematic for a number of reasons, but particularly due to conflicts with plant security measures which mandate that the manhole covers be permanently welded shut. Some limited access has been reestablished by modifying the manhole covers to allow for a small access opening. However, for Manholes B-1 and B-6, this modification still limits the ability to routinely collect samples clearly representative of only the foundation drain discharges rather than the total flow through the storm drains. The piping configuration in MH-5 does allow sampling specific to the foundations drains, hence the designation of this sample as MH-5 VCFD (i.e., Vapor Containment Foundation Drain). Further work is being undertaken on the manhole sampling systems in B-1 and B-6 to facilitate more representative sampling of these foundations drains.

3.0 DATA EVALUATION

The Long Term Monitoring Program was designed to provide data to address four main objectives:

- Monitor radionuclide activities and evaluate groundwater flow rate to both detect and characterize current and potential future off-Site groundwater contaminant migration to the Hudson River, both via direct groundwater discharge to the river and through infiltration into the Discharge Canal, from unplanned radionuclide releases of liquid effluents, so as to allow computation of potential radiation dose to the public from these releases;
- Monitor groundwater proximate to Systems, Structures and Components (SSCs) that exhibit a credible probability of resulting in a visually undetected release of radionuclides to the subsurface carrying an activity level of significance;
- Monitor groundwater along the property boundary to confirm that contaminated groundwater is not migrating off the property to locations other than the river; and
- Monitor the existing groundwater plumes identified on-Site to demonstrate overall reductions in total activity over time as is consistent with the requirements of Monitored Natural Attenuation (MNA)[35], the selected remediation for the IPEC Site.

These objectives are consistent with and fully encompass the guidance provided in the NEI Groundwater Protection Initiative (GPI). In addition, given the robustness of the monitoring network and the overarching Long Term Monitoring Program, particularly as further data sets are collected, it has become a valuable tool for identifying existing equipment and/or operational procedures that can be upgraded to prevent future radionuclide releases/spills.

The following sections provide data analyses to address these four objectives.

3.1 Groundwater Mass Flux Computation

As presented in the Hydrogeologic Site Investigation Report, the groundwater flow in both the upper and lower flow zones is toward the power block area from the North, East and South, with subsequent discharge to the Hudson River to the West. We estimate that groundwater flow associated with infiltration from the watershed may be as deep as 350 feet, but still ultimately discharges to the river. A corollary to this conclusion is that there is no groundwater flow, and thus no off-Site radionuclide migration, from the power block area to the North, East or South.

To estimate groundwater flow (i.e., groundwater mass flux) beneath the Site, a groundwater flow model was constructed based on a precipitation mass balance analysis. This analysis is based on the precept that, on a long term average, the groundwater flowing through and discharging from the aquifer is equal to the watershed infiltration recharge; this conclusion was reached because the only substantial source of recharge to the aquifer is areal recharge derived from precipitation. The previous sixteen year average for precipitation measured at the Site is approximately 37 inches per year. Based on a USGS infiltration study[36], as well as the Precipitation Mass Balance Model (PMBM) calibration[37], approximately 25 percent of the

[35]The selection of MNA as the remedial strategy for the Site is discussed further in the Hydrogeologic Site Investigation Report.

[36]USGS. Water Use, Ground-Water Recharge and Availability, and Quality of Water in the Greenwich Area, Fairfield County, Connecticut and Westchester County, New York, 2000-2002.

[37]The Precipitation Mass Balance Model (PMBM) was initially calibrated to groundwater fluxes based on a Darcy's Law Model with groundwater gradients derived from Q2 2007 (June 1, 2007) low-tide groundwater elevation contours (initial reference data set).

precipitation falling on pervious surfaces over the Site watershed area recharges the groundwater system via infiltration.

Since precipitation represents the driving variable for groundwater flux in the PMBM[38], the yearly precipitation just prior to Q4 2011 (approximately 61 inches) was calculated and input into the recalibrated model to compute the flows used in the estimation of Q4 2011 dose values. Based on the USGS study cited above, the aquifer recharge rate is therefore approximately 16 inches for the year prior to the Q4 2011 monitoring event. Applying this value to the pervious surfaces within the six individual groundwater flow zones shown on **Figure 4**, it is estimated that approximately 11 gpm of groundwater flowed into the Discharge Canal from the upper and lower zones during the previous year. In addition, approximately 17 gpm and 25 gpm of groundwater flowed into the Hudson River from the upper and lower zones, respectively. Storm water discharging into the Discharge Canal and directly into the Hudson River was estimated to be approximately 64 and 7 gpm, respectively. These flows are further subdivided into flow zones with the further detail shown in the table in **Appendix F.**

3.2 Groundwater Sampling

The following sections describe the groundwater sampling results and associated QA/QC protocols.

3.2.1 Groundwater Sampling Results

Groundwater samples collected on behalf of Entergy during each quarter in 2011 were analyzed at GEL Laboratories for Tritium, Sr-90, Cs-137, Co-60, and Ni-63[39]. **Table 3-Q4** presents the analytical results for these radionuclides through the last quarter of 2011. The rolling yearly averages, which were calculated using all the valid data from Q1 2011 through Q4 2011, including Mid-Quarter and confirmatory samples, are also presented in **Table 3-Q4**. **Table 4-Q4** presents minimum detection concentrations (MDC), standard deviation, and I.L.s assigned to each well for the Q4 2011 analytical results. **Table 5** presents historical Site groundwater analytical data. Isopleth maps of Q4 2011 rolling averages for Tritium and Sr-90 are presented in **Figures 6-Q4** and **7-Q4**, respectively. **Figure 8-Q4** presents a data map of Q4 2011 rolling

The two models use different sets of input parameters which are not dependent on or related to each other. This calibration not only verified the reasonableness of the overall groundwater flow rates predicted by the PMBM, but also allowed further discretization of the groundwater flow into upper and lower flow zones as well as flow volumes upgradient and downgradient of the Discharge Canal. After reviewing the groundwater elevation and precipitation data from the Indian Point meteorological station over the time period from Q2 2007 to Q2 2009, it was concluded that sufficient seasonal data had been collected to encompass the majority of the precipitation variability observed over the last fifteen years. Therefore, the PMBM was also recalibrated after collecting the final full set of transducer data in Q2 2009. Data analyses demonstrated that recalibration to the Q4 2008 data set yielded the most conservative (highest dose to the river) calibration of the nine quarterly data sets obtained during the LTMP, thus this quarter's (Q4 2008) data set was adopted for further dose computations. The recalibration of the model to the Q4 2008 data yielded Unit 1/2 Zone and total groundwater fluxes approximately 40% and 25% greater, respectively, than the original reference (Q2 2007) data set. Further information and the data analyses are provided in the Q2 2009 LTM report.

[38] To continue to validate the appropriateness and applicability of the PMBM, a subset of the existing transducers are being maintained and monitored quarterly as part of the Long Term Monitoring Program, starting with the Q3 2009 Quarterly Report. The primary objective of maintaining these transducers is to provide ongoing confirmatory data that demonstrate substantial changes to the on-Site groundwater flow field have not taken place and thus verify that the basic assumptions inherent in the PMBM continue to remain valid. The transducer locations are provided on **Figure 5A (5A-Q1** through **5A-Q4)** of this report, and the rationale for the selection of these specific individual transducer locations is discussed in the Q1 and Q2 2009 quarterly reports. With regard to these ongoing long-term monitoring locations, it is noted that the transducers have a limited life. While some of the transducers can be replaced, and have been replaced in the past, others are permanently installed in the subsurface and are no longer accessible for replacement. However, with time, the base of data upon which model validity is assessed becomes increasingly more robust. Therefore, if some of these transducers fail over time, it is not likely that replacement will be imperative. This is because the likelihood of encountering a precipitation event substantially outside the already captured range becomes increasingly more remote with time as more data is collected. In addition, it is again emphasized that considerable conservatism has been incorporated within the model development and the dose rates computed are still far below those permitted by regulation.

[39] It should be noted that samples were also analyzed for gamma emitters via gamma spectroscopy. Although only Co-60 and Cs-137 are reported, gamma spectroscopy should detect and identify other gamma emitters if they became present in groundwater.

averages for Cs-137, Co-60, and Ni-63[40]. Similar tables and Figures are also presented in this report for the three previous 2011 quarters (Q1 2011, Q2 2011 and Q3 2011).

An overall evaluation of the sample handling, shipment and analytical procedures indicates that the quality assurance quality control protocols were met in all four 2011 quarters for all of the analyses except for five[41], and the analytical results should be useable as presented in **Table 5**. This conclusion is further supported by a review of the 2011 analytical data, as compared to previous historical trends. Refer to **Section 5.2.2** of the Final 2007 Quarterly Long-Term Groundwater Monitoring Report No. 1 for further details regarding quality assurance quality control protocols.

3.3 Radionuclide Release Rates

The recalibrated PMBM-derived groundwater flows within each of the six flow zones are multiplied by yearly rolling average radionuclide levels within each zone to compute groundwater radionuclide release rates to the Discharge Canal and Hudson River. These groundwater radionuclide release rates are computed separately for upper and lower flow zones as well as upgradient and downgradient of the Discharge Canal. The selection of specific monitoring locations for each of the six zones is described in the January 25, 2008 Memorandum – Synopsis of Long Term Monitoring Plan Bases.

Storm drain flows[42] computed based on yearly precipitation rates are multiplied by radionuclide activities measured in the storm drains to compute the associated storm drain radionuclide release rates[43] to the Discharge Canal and Hudson River.

The radionuclide release rates from the groundwater and storm drains to the Discharge Canal and Hudson River for the most-current quarter, Q4 2011, are shown in the table below.

	GROUNDWATER AND SURFACE WATER TO RIVER (Ci/yr)	GROUNDWATER AND SURFACE WATER TO CANAL (Ci/yr)
Northern Clean Zone*	5.94E-04	0.00E+00**
Unit 2 North Zone	4.53E-03	1.24E-01
Unit ½ Zone	1.87E-02	4.74E-02
Unit 3 North Zone	1.50E-02	1.06E-02
Unit 3 South Zone	4.83E-03	6.04E-02
Southern Clean Zone*	0.00E+00	7.10E-02

*Activity in the Northern Clean Zone is attributable to an assumed Tritium background activity of 150 pCi/L in the groundwater. The remaining radionuclides were assumed to not be present in this streamtube. Radionuclide release rate in the Southern Clean Zone is calculated from activity measured in monitoring wells MW-40 and MW-51.

**The radionuclide release rate to the Discharge Canal from the Northern Clean Zone is zero because the Discharge canal does not extend far enough to the north to be downgradient of the Northern Clean Zone.

[40] Isopleths were not drawn for Cs-137, Co-60, and Ni-63 because the few positive detections observed did not indicate the existence of a groundwater plume containing these radionuclides. This is likely a result of the high surface affinity (highly adsorptive nature) of these radionuclides for solid geological materials. They therefore tend to rapidly partition out of the groundwater.

[41] The Q1 2011 Cs-137 positive detections in MW-40-100, MW-127 and MW-51-189 were re-analyzed and verified. However, based on the site hydrogeologic and historical chemistry data, these values do not appear to represent groundwater conditions at these locations. Additionally, Sr-90 was positively detected in the preliminary results for MW-40-46 (Q2 2011) and MW-58-65 (Post-Q3 2011). These samples were re-analyzed and Sr-90 was then found to be below the detection limit. Therefore, these preliminary results were likely false laboratory positives. Documentation of the analyses performed to reach these conclusions was subsequently provided in: "Corrections to 2011 RGWMP Analyses from GEL" memorandum dated March 1, 2012.

[42] The storm drain flows also include groundwater discharges from the foundation drains for Unit 2 and Unit 3 VC Buildings, but not from the Unit 1 NCD and SFDS, which are otherwise accounted for.

[43] It is noted that storm drain samples are <u>not</u> typically taken at times coincident with peak, or even average storm drain flow rates. By its very nature, the vast majority of the flow through the storm drain system tends to be episodic and of short duration due to storm events; sampling rounds are generally scheduled to avoid such events. Radionuclide concentrations are primarily due to groundwater infiltration into the drains and thus tend to be highest during periods of little rain when this infiltration is not diluted by the storm water flow. This incongruence therefore yields a high bias to the dose computation because the elevated concentrations associated with low flow rates are multiplied by the much higher flow rates based on total yearly rainfall.

These release rates are then used by Entergy to calculate the radiological dose to a hypothetical maximally exposed individual and the environment via the Discharge Canal and the Hudson River using the procedure outlined in the Off Site Dose Calculation Manual (ODCM) Revision 3.

3.4 SSCs and Property Boundary Monitoring

In addition to providing the data for the dose computation discussed above, the Long Term Monitoring Program has been designed to also provide rapid detection of potential leaks from SSCs. Furthermore, the LTMP also aids in the detection, and thus prevention, of potential future leaks/spills due to the generally wide-ranging investigations that are conducted in response to radionuclide peaks observed in the monitoring network. During these investigations, a number of potential SSCs are inspected and work practices are reviewed. These inspections and reviews have identified conditions which could have potentially resulted in a future spills/leak before any release had taken place. Such early identification, allows implementation of proactive measures to upgrade these SSCs and/or work practices, thus preventing them from resulting in a future leak/spill[44].

Rapid release detection monitoring is specifically focused on those SSCs which exhibit a credible probability of resulting in a visually undetected release of radionuclides to the subsurface[45]. The monitored SSCs are shown on **Figure 4** and a description of the specific monitoring installations associated with each SSC are provided in the January 25, 2008 Memorandum – Synopsis of Long Term Monitoring Plan Bases. In addition to monitoring the SSCs, on-Site and off-Site wells are used to monitor the property boundaries for unanticipated radionuclide migration across these boundaries. Again, the rationale underpinning the selection of wells designated for this purpose is provided in the above cited Memorandum. These monitoring protocols are consistent with the NEI 07-07 Groundwater Protection Initiative (GPI).

As discussed in **Section 2.3** above, GZA also completed the installation of an additional multi-level monitoring installation in December 2011. This new installation is designated MW-68, and is located near the southwest corner of the Unit 3 Transformer Yard, downgradient of MW-46[46] (see **Figure 6-Q4** for location[47]). Entergy authorized the construction of MW-68 at Unit 3 in order to increase the robustness of the Unit 3 well network and thus reduce risk of potential future releases going undetected. The initial MW-68 groundwater samples will be collected in Q1 2012 (following the appropriate stabilization time), and this monitoring installation will be sampled quarterly thereafter as part of the Long Term Monitoring Program. The sampling of U1-NCD and U1-SFDS will also be continued as part of the Long Term Monitoring Program.

I.L.s were established for the associated monitoring wells to set quantitative radionuclide activities above which further action would be undertaken. As part of the ongoing groundwater

[44] Previous examples include: (1) work practices updated following the Q4 2009 RWST/R.O. skid spill; (2) maintenance to piping in the utility tunnel (eventually exonerated as a source) following the 2011 Tritium peaks observed at multiple Unit 1/Unit 3 monitoring locations; (3) work practice upgrades made to the RWST and the WHT pit following the U3 FSB washout peaks in MH-A2; and (4) improvements made to sumps following multiple investigations.

[45] As discussed further in the following sections, reporting of visually identified spills/leaks within structures is included within Condition Reports under Entergy's Corrective Action Program. Additional formal procedural emphasis has been placed on routine review of these reports as they potentially relate to GPI objectives.

[46] While MW-46 was previously evaluated relative to Unit 3 monitoring effectiveness, and was found to be very useful for detecting potential future releases, we also concluded that without an additional monitoring well installation, there was a moderate risk that some small releases could go undetected. In particular, it appeared that a release in the vicinity of the Waste Holdup Tank pit could potentially proceed toward the river to the south of MW-46, given the likely hydrology associated with the pre-construction bedrock valley in this area.

[47] A cross section has also previously been developed through the Unit 3 area to supplement **Figure 4** and further demonstrate the relationship of site groundwater flow patterns and monitoring well placement relative to the individual Unit 3 SSCs (similar cross sections were previously developed for Units 1 and 2, as presented in the Hydrogeologic Site Investigation Report). This Unit 3 cross section C-C' is included in the Q1 2009 Quarterly Report as Figure 4A.

monitoring program, the reported analytical values are compared against I.L.s established based on the criteria shown in the table below. I.L.s are currently computed each year based on yearly averages of all the valid groundwater analytical results from the previous year, including Aliquot, Confirmatory, and Mid-Quarter sample results[48]. As an exception to the established procedure discussed above, the 2010 Tritium I.L.s (based on 2009 yearly averages) were conservatively used as the I.L.s for the 2011 monitoring period. This exception was deemed appropriate, and conservative, because the uncharacteristic Tritium peaks in multiple Unit 2 and Unit 3 monitoring locations during 2010 would otherwise result in high Tritium I.L.s, which would then desensitize the screening process. For the remaining radionuclides, the standard procedure was followed; i.e., 2010 yearly averages were used to calculate the 2011 Investigation Levels. The monitoring well-specific I.L.s are presented in **Tables 4-Q1** through **4-Q4** (identical I.L.s for all four quarters) and are established for a comparison with the 2011 analytical results.

WELL DESIGNATION	INVESTIGATION LEVELS (I.L.s)		
	TRITIUM (pCi/L)	Sr-90 (pCi/L)	OTHER PLANT-RELATED RADIONUCLIDES
On-Site Boundary Wells (MW-40, MW-51, MW-52, and MW-107)	1,000**	2**	any detection*
Riverfront Boundary Wells (MW-60, MW-62, MW-63)	2,000**	2**	any detection*
All Other Wells	>2x average***	>2x average***	>2x average***

*A radionuclide is positively detected when the result is greater than or equal to the MDC and 3 times the 1 sigma uncertainty.
**The values of 1000 and 2000 pCi/L for H-3 and 2 pCi/L for Sr-90 have been chosen to be low enough to result in timely detection of a new release or change to an existing release and still be outside the normal expected range of sample results at these locations, to the extent possible with the currently available data over time.
***Any positively detected radionuclide that has a result greater than 2 times the average from a previous year. However, the IL is not reached until an H-3 result is also greater than 1000 pCi/L or a Sr-90 result is also greater than 2 pCi/L.

In the event that the analytical results of a groundwater sample exceed the designated I.L., the following series of actions will be considered:

- Contact the laboratory to verify that all quality control checks were satisfactory, sufficient sample volume was used; required MDC's were met;
- Re-analyze Aliquots of the original sample;
- Re-sample the location (Confirmatory sample) to verify the result;
- Increase the frequency of sampling (Mid-Quarter samples) for this location[49];

[48]The calculation of ILs and yearly rolling averages prior to the Q1 2009 Report were based on the analytical results from the quarterly sampling rounds only, and therefore excluded aliquot, confirmatory and mid-quarter sample results. For the Q1 2009 Report and thereafter, if an aliquot analytical result confirms that the original quarterly analytical result was false, then only the aliquot result is utilized in the yearly IL calculation. If the aliquot result confirms the original quarterly result is valid, then both the original and the aliquot results are averaged together and then averaged into the yearly IL calculation as a single value. Confirmatory analytical results have the potential to impact the use of the original quarterly sample in the same manner as aliquots; however, unlike aliquots, these "independent samples" are averaged directly into the yearly rolling average without "pre-averaging" with the associated quarterly sample. Similar to confirmatory samples, mid-quarter samples are also averaged directly into the yearly rolling average calculation. However, mid-quarter sample results do not have any impact on the use of the initial quarterly samples as can either aliquot or confirmatory samples, as described above. In the case of both confirmatory and mid-quarter sample results, direct averaging into the yearly average of these additional results can somewhat bias the yearly average toward a particular quarter/season. However, given that confirmatory and mid-quarter samples are typically taken to confirm and/or prepare for uncharacteristically high radionuclide activities, this direct averaging provides a high bias to the subsequent yearly dose computations, and is thus conservative. In cases such as this, where some bias inevitably will be created, establishing a conservative bias in the dose computations is considered more important than maintaining a seasonal non-bias.
[49]It is noted that Mid-Quarter samples are also proactively obtained when plant operations could potentially result in an increased probability of a release to the subsurface.

- Initiate an investigation utilizing Entergy's corrective action program and related resources as appropriate (e.g. site engineering / radiation protection); and
- Initiate source/ground water remediation techniques commensurate with the potential dose impact analyses and good environmental stewardship.

3.4.1 Proactive Mid Quarter Samples

In response to the 2010 Tritium peaks observed in multiple MW-31 and MW-32 sampling intervals, additional Post-Q1 2011 groundwater samples were collected at all active sampling intervals within these two monitoring installations (as well as MW-30). Additional Post-Q2 2011 and Post-Q3 2011 groundwater samples were also collected at multiple locations in response to the recent Tritium peaks observed in several Unit 1 and Unit 3 monitoring locations.

The results of the confirmatory and mid-quarter samples are presented in **Section 3.4** along with the quarterly data. Sampling Data Sheets summarizing water quality data and sampling information are presented in **Appendix E**.

3.4.2 Previous Q4-2010 Investigation Level Exceedances

As indicated in the previous Q4 2010 Quarterly LTM Report, a comparison of the Q4 2010 analytical results to their respective I.L. values shows that the I.L.s were only exceeded at four sampling intervals. All four of these exceedances were likely related to the transient spills discussed in **Section 1.0** above (e.g. the RWST/R.O. skid spill and the MH-A2 Tritium peaks from the U3 FSB roof drain condensate); all four of these exceedances were still ongoing during at least portions of 2011. Therefore, these I.L. exceedances are discussed in **Section 3.4.4** below.

3.4.3 Q1 through Q4 2011 Boundary Investigation Levels

A comparison of the Q1 through Q4 2011 analytical results for the On-Site Boundary Wells to their respective I.L. values shows that the I.L.s were not met for any of the monitoring locations[50]. Therefore, there was no requirement to further investigate radionuclide activity in these wells. However, monitoring installations MW-40 and MW-51 are being further evaluated on a routine basis, as discussed below.

MW-40 and MW-51. While there have been no historical I.L. exceedances at these two southern boundary locations and the majority of the data from Q1 through Q4 2011 fall within previous ranges, the Tritium activity was at the historical maximum during 2011 in multiple MW-40 and MW-51 sampling intervals. Even though the historical maximum was recorded at the following six intervals: (1) MW-40-46 in Q1 2011; (2) MW-40-81 in Q2 2011; (3) MW-40-100 in Q2 2011; (4) MW-51-40 in Q2 2011; (5) MW-51-163 in Q4 2011; and (6) MW-51-189 in Q2 2011, all of these results were still below 375 pCi/L and, more importantly, below the detection limit. Because historical, internally correlated fluctuations in Tritium activity have been observed in the laboratory results, these monitoring locations continue to be evaluated on a routine basis given the sensitivity associated with the southern power block boundary. Even though it is recognized that the peak Tritium levels detected are low (less that 375 pCi/L) and typically below the limit of detection, there appears to be a general correlation in Tritium peaks (seasonal cyclical pattern) at multiple depth intervals in both of these monitoring installations (see **Figure H1** in **Appendix H**). This general correlation is evident in MW-40 during 2011 as the sampling intervals exhibited a general increase in Tritium activity during Q2 2011, followed by a general

[50] As discussed in **Section 3.4.4** below, while the laboratory reported positive Cesium detections for Q2 2011 samples at MW-52-122 and MW-52-181, these detections were likely false positives.

decrease through Q4 2011. MW-51 also remained consistent with this overall pattern, but it recorded a second general increase in Tritium activity from Q3 2011 to Q4 2011.

An appropriate metric to evaluate whether or not these cyclical trends are due to Tritiated groundwater migration from the power block area is the relative groundwater elevations between these locations and the power block areas where Tritium contamination exists. As discussed at length in the CSM sections of the Site Investigation Report, the southern boundary groundwater elevations are well above those in the power block area[51]. As such, groundwater, and thus Tritium in the groundwater, cannot migrate from the power block to the south; in fact, groundwater is migrating in the opposite direction. This conclusion was previously validated for nine quarters (between Q2 2007 and Q2 2009) through analyses of groundwater elevation contours (see **Figure 5** in the quarterly reports prior to Q3 2009). In addition, starting with the Q1 2009 Quarterly Report, **Figure 5A** is being generated to specifically compare high importance transducer readings to historical maximum and minimum readings. The objective of this analysis is to demonstrate that substantial changes to the on-site groundwater flow field have not taken place and that the CSM remains valid. Multiple sampling zones from both the MW-40 and MW-51 monitoring installations are included in this analysis.

Based on these analyses, as well as the substantial body of data developed over the last 5 years of investigation which underpin our CSM, we conclude, with a high degree of confidence, that the low level peaks in Tritium activity observed in these two monitoring installations are not due to groundwater migration from the power block area. This conclusion has continued to be validated each quarter. However, we do not have a definitive explanation for the observed peaks. Further investigation into other potential mechanisms, such as seasonal atmospheric Tritium washout and seasonal laboratory biases, is ongoing.

3.4.4 Q1 through Q4 2011 SSC Investigation Levels

For the SSC monitoring wells, a comparison of the 2011 quarterly analytical results to their respective I.L. values shows that the I.L.s were met at twenty monitoring locations (thirty-five sampling intervals) during the four quarters of 2011. Because multiple I.L. exceedances have been related to the same transient spills, the following discussion is split into four subsections, with general discussion explaining the likely source followed by the corresponding exceedances:

1. Unit 2 RWST/R.O. skid spill;
2. Unit 3 FSB roof condensate;
3. Unit 1 CSB sample sink overflow; and
4. Other (explained individually).

The following table is separated into quarters/radionuclides and summarizes the cases where the I.L.s were met, with these exceedances discussed below. See the footnote to the table for the key to the color designations.

[51]The current, Q1 through Q4 2011, transducer data confirm the overall groundwater flow direction remains from the southern boundary toward the power block area, as discussed in **Section 2.1** above.

WELL ID	Q1 2011 RESULT* (pCi/L)	Q2 2011 RESULT* (pCi/L)	Q3 2011 RESULT* (pCi/L)	Q4 2011 RESULT* (pCi/L)	INVESTIGATION LEVEL (pCi/L)
MW-32-149	1,060**				1,000
MW-36-24		3,070			2,563
MW-39-67		10,900/2,240 (Post)	14,900 (Post)	1,030	1,000
MW-39-84				3.1	2.1
MW-39-102		14,300/12,400 (Post) 44.8	19,000 (Post)	1,120	1,000 Any Detection*
MW-39-124		9.1			Any Detection*
MW-39-195		7,040/4,190 (Post)	17,200	5,130	1,000
MW-41-40	2,030 11.5	4,510			1,000 7.3
MW-41-63	1,230				1,000
MW-44-66		1,620 (Post)			1,000
MW-44-102				1,050	1,000
MW-45-42	8,120	8,560/39,400 (Post)	27,200 (Post)		5,900
MW-45-61		5,630	5,910 (Post)		2,650
MW-46	2,470	5,250/3,080 (Post)	3,300	2,280	1,844
MW-49-65				4,240	3,030
MW-50-42		3,770		30.2	1,038 11.0
MW-50-66		6,500	7,150	7,830	5,896
MW-52-122		34.8			Any Detection*
MW-52-181		64.6			Any Detection*
MW-53-120			14.5		Any Detection*
MW-54-37		5,160/27,900 (Post)	31,300	14,000	2,710
MW-54-58		2,480 (Post)	4,230	4,830	1,480
MW-54-123				3,920	1,302
MW-54-144		4,340	5,270	6,850	2,635
MW-54-190				8,770	3,490
MW-56-83		76,400/84,200 (Post)	105,000 (Post)	72,500	6,390
MW-57-20		20,300/38,100 (Post)	24,700 (Post)		3,040
MW-57-45		13,500/25,300 (Post)	24,600 (Post)		2,380
MW-58-26		1,860	2,470 (Post)	4,770	1,000
MW-58-65			1,100 (Post)	1,750	1,000
MW-62-138				3,010	2,000
MW-63-121				3,630	2,000
MW-66-36	15.5				14.0
U3-T2	2,270	3,830/2,670 (Post)	2,650	2,980	2,077
U1-CSS		6,380/10,800 (Post)			5,173

*A radionuclide is positively detected when the result is greater than or equal to the MDC and 3 times the 1 sigma uncertainty.
**Tritium = blue; Strontium = green; Cesium = red; Nickel = purple.

RWST/R.O. Skid Spill at Unit 2

In January 2010, a peak in Tritium activity was measured in MH-9 during routine 80-10 Effluents Program sampling[52]. Additionally, several sampling intervals in MW-31 and MW-32 exhibited clear Tritium increases and I.L. exceedances in 2010, generally reaching maximum historical levels at these locations. Following a series of investigations by IPEC, a Q4 2009[53] surface spill related to a RWST/R.O. processing skid was identified as the likely source of the Tritium increases. This transient and localized spill involved rented equipment that was brought on-site by an outside contractor for use during the Unit 2 outage, and is no longer on site. In addition to likely entering the subsurface through the storm drain system, this spill also entered the MW-32 well vault, and may have penetrated the well casings[54]. Additional I.L. exceedances were also noted at downgradient monitoring locations later in 2010 as this perturbation moved through the system.

This spill resulted in numerous I.L exceedances in 2010. However, by Q4 of that year, only one near-source monitoring location (MW-32-149) still exceeded its Tritium I.L.. This sampling interval again exceeded its I.L. during Q1 2011; however, an overall, clear decrease in Tritium activity was noted from June 2010 through Q1 2011, and the Tritium activity decreased below the I.L. for the final three quarters in 2011. It is expected that the Tritium activity in MW-32-149 will continue to exhibit an overall decrease, similar to the other MW-31 and MW-32 sampling intervals, because the probable source has been terminated.

The only additional 2011 I.L. exceedance which may be attributable to the RWST/R.O. skid spill was in MW-36-24 during Q2. This conclusion is based in part on the preceding RWST/R.O. skid peak seen in the lower sampling interval at this location (MW-36-41), and an I.L. exceedance in Q4 2010. However, variable Tritium levels have been observed in MW-36-24 since August 2009, which predates the RWST/R.O. skid spill. As such, the 2011 I.L. exceedance in this monitoring interval is more likely a response to Retention Mechanism releases, some of which are likely associated with RWST/R.O. skid spill. The samples collected at MW-36-24 in Q3 2011 and Q4 2011 showed a decreasing trend (similar to the overall trend seen in the upgradient monitoring locations) to an activity below the detection limit in Q4 2011.

The two 2011 I.L. exceedances discussed above, as related to the transient RWST/R.O. skid spill, were resolved in subsequent 2011 quarterly monitoring rounds. As such, and because the Q4 2009 RWST/R.O. skid spill was transient in nature and Tritium is non-sorbing, it appears that this perturbation had generally dissipated through the system by Q4 2011. However, it is noted that the transient RWST/R.O. skid spill has likely replenished the Retention Mechanism(s) and further contributions to the groundwater flow regime are still possible.

Unit 3 FSB Roof Condensate

A transient Tritium peak was observed in manhole A2 (MH-A2) in Q2 2009, with a concurrent Tritium I.L. exceedance in MW-45-42; this well is located immediately adjacent to MH-A2. Both locations exhibited rapid decreases of Tritium activity by the following, Q3 2009, quarter; and the Tritium activity in MH-A2 was consistently below 1,500 pCi/L for the next year. However, in

[52] The Tritium levels were measured at ~85,000 pCi/L in MH-9 on January 14th and 15th, 2010, and then decreased to 4,650 pCi/L on January 19th, 2010. Typical Tritium levels prior and post-spill were ~1,500-4,000 pCi/L in MH-9.

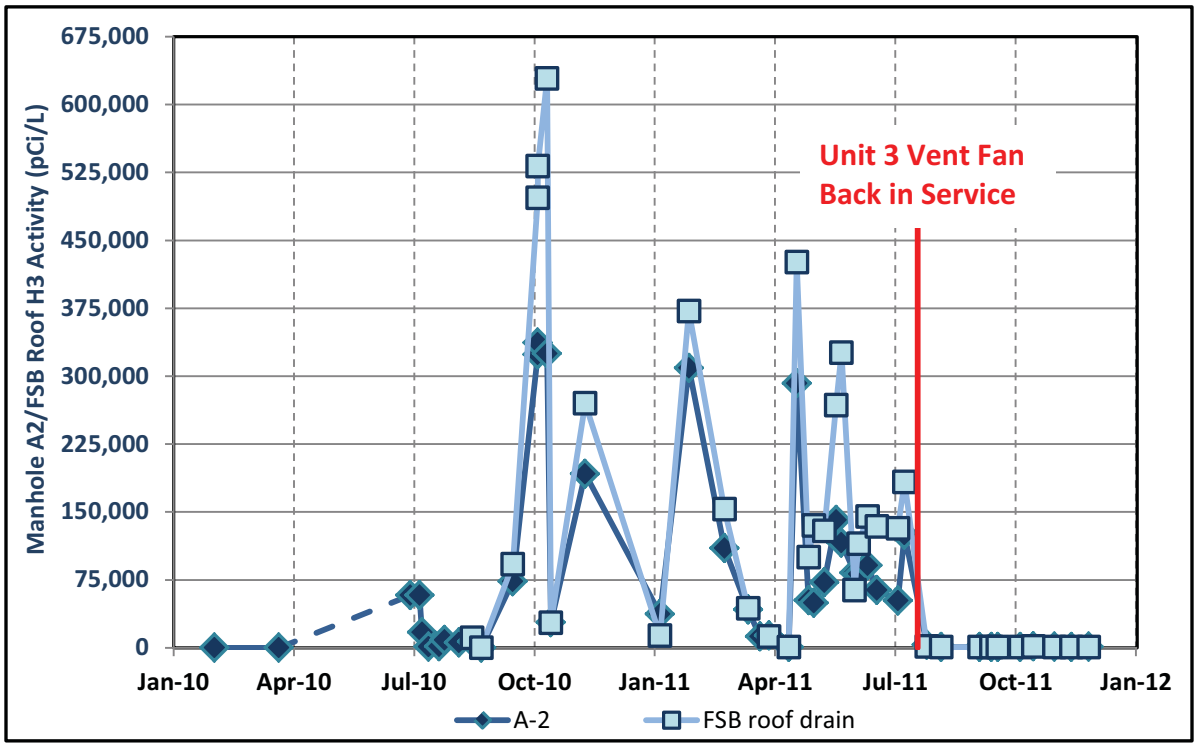
[53] Based on forensic research conducted by Entergy, it appears that the date of the spill was November 21, 2009.

[54] An initial sample was taken of the water remaining in the MW-32 vault on 2/1/2010. This water exhibited a Tritium activity of 390,000 pCi/L. Subsequent sampling of this water in May 2010 measured residual Tritium levels of ~65,000 pCi/L prior to the water being fully removed from the vault. It is further noted that the water in the vault contained other radionuclides in addition to Tritium. These included Co-60, Sb-125, Cs-134, Cs-137, etc. Therefore, the Q1 2010 groundwater data from wells proximate to, and downgradient of, the MH-9 and MW-32 vault release points were evaluated for detections of these radionuclides; none were found. However, Cs-137 was detected at MW-111 in Q2 2010. While this well is located downgradient of MW-32, no other wells showed detections of Cs-137, or the other radionuclides discussed above, in Q2 2010.

early June 2010, a transient Tritium peak was again observed in MH-A2, followed by a rapid decrease in activity (<1 week) to baseline levels for this storm drain system (< 2000 pCi/L). A prolonged peak of elevated Tritium activity was subsequently observed in Q4 2010 through Q3 2011 (10/5/2010 – 07/28/2011)[55]. Tritium peaks and I.L. exceedances have also been noted in MW-41-40, located adjacent to this storm drain system, and MW-46, hydraulically downgradient of MH-A2, since Q3 2010[56]. Additional I.L. exceedances and Tritium peaks have also been noted in MW-45, MW-44, MH-A4 and MH-B1 during 2011.

Because of these Tritium peaks in the monitoring network, a series of investigations into the correlation and underlying cause of the I.L. exceedances, as well as the increased Tritium in the manholes, have been conducted by Entergy and GZA. Early investigations identified that the likely cause of both the monitoring well and manhole peaks was higher levels of Tritium washout[57] entering MH-A2 from the FSB building roof drain during periods when the vent fan was not operational. Under specific climatic conditions, SFP evaporation was likely condensing on the roof and being transported into the storm drain system via rain water.

As one step in the investigative process (to rule out a leak in a SSC), a standpipe was constructed which solely receives inflow from the FSB roof drains and isolates this water from other water sources to MH-A2. The Q3 2010 through Q4 2011 sample data from this standpipe clearly demonstrate, as shown in the graph below, that the recent Tritium activity within MH-A2 is directly proportional to the discharge from the FSB roof.



[55] Additionally, a clear increase in Tritium activity was also observed downstream in this storm drain system at MH-A4 in Q4 2010.

[56] A manhole in the vicinity of MW-46, designated MH-B1, has also exhibited an elevated Tritium activity during this time frame.

[57] The term "washout," as used herein, is the process by which Tritiated water vapor is transformed into Tritiated water as a liquid. In general, this transformation is driven by condensation (as is the primary underlying driver associated with MH-A2, above) and/or Tritium diffusion from the Tritiated water vapor into precipitation (rain and/or snow), either while it is still falling or after deposition.

These investigations also identified that the Unit 3 FSB fan was generally out of service from May 2010 through July 2011[58]. Consequently, IPEC repaired the vent fan in Q3 2011 and it was placed back in service on July 21, 2011. The Tritium activity in MH-A2 rapidly[59] returned to baseline conditions thereafter (~1 week later) and remained at those levels throughout Q4 2011. Based on the investigations and associated data collected, it has been concluded that the elevated Tritium levels detected in MH-A2 and A4 were due to the FSB roof condensate entering the storm drain system when the vent fan was not operating.

Some of this highly Tritium-laden water was, in all probability, released into the groundwater from the storm drain system[60] and thus likely resulted in the recent Tritium I.L. exceedances observed in monitoring wells adjacent to and downgradient of this system. The greater response of the proximate groundwater monitoring wells, as compared to that observed during previous MH-A2 Tritium increases, is believed due to the coincident Unit 3 outage. During an outage, the reactor cavity is open and the pool temperature becomes significantly elevated, both resulting in greater evaporative losses, and thus greater likely washout impacts. The following 2011 Tritium I.L. exceedances are likely related to (and have been attributed to) the Unit 3 FSB roof condensate, and as such, do not indicate any new SSC leak at Unit 3.

MW-41-40: Q1 2011 and Q2 2011;
MW-41-63: Q1 2011;
MW-44-66: Post Q2 2011;
MW-44-102: Q4 2011;
MW-45-42: Q1 2011, Q2 2011, Post Q2 2011 and Post Q3 2011;
MW-45-61: Q2 2011 and Post Q3 2011;
MW-46: Q1 2011, Q2 2011, Post Q2 2011, Q3 2011 and Q4 2011; and
U3-T2: Q1 2011, Q2 2011, Post Q2 2011, Q3 2011 and Q4 2011.

Similar to the response observed within MH-A2, the Tritium activity at the majority of these monitoring installations (e.g. MW-41-40, MW-41-63, MW-44-66, MW-45-42, MW-45-61 and MW-46) has shown an overall decrease following the repair of the vent fan. Because the apparent source of these peaks was transient and terminated, and due to the non-sorbing behavior of Tritium, these decreasing trends are likely to continue at these locations. The Tritium I.L. exceedances at MW-46, U3-T2 and MW-44-102 were not yet resolved through Q4 2011; therefore, these monitoring locations will be specifically evaluated based on the additional data obtained during the upcoming quarterly monitoring round. All other I.L. exceedances related to the U3 FSB condensate were resolved during 2011.

Unit 1 CSB Sample Sink Overflow

Beginning with the Q2 and Post-Q2 2011 samples, uncharacteristic increases in Tritium activity were noted in a number of Unit 1 monitoring locations. These increases included historical maximum levels (since the beginning of the LTMP) observed in MW-47-80[61] and MW-56-83, and were well above the historical average activities. The highest Tritium peaks were concentrated in the deeper monitoring intervals, with a lack of similarly elevated levels in the

[58] It is noted that the SFP was ventilated during all fuel transfers.

[59] A MH-A2 sample was collected only 7 days after the vent fan was placed back in service (7/28/2011) and the Tritium activity in the sample was 3,140 pCi/L, approximately 30 times lower than the average Tritium activity from September 2010 to July 21, 2011. Subsequent samples showed further decreases.

[60] It is noted that the Tritiated water vapor evaporating from the SFP is a permitted release through the Plant Vent located atop the vapor containment building. Analyses were conducted to account for this release to the FSB roof in the dose computations. This same Tritium is therefore "double counted" because it has again been included in the storm drain and groundwater portions of the dose computations.

[61] It is noted that MW-47 is a standby monitoring well and is thus not typically scheduled for quarterly monitoring. As such, it does not have an I.L for 2011, and therefore does not appear on the above table of I.L. exceedances. With initial detection of the spill in MW-56, MW-47 was reactivated to provide additional definition of the developing IP-1 Tritium plume.

corresponding shallowest sampling intervals (MW-47-56[62] and MW-56-53). These two monitoring locations are located directly to the south and southwest of the Unit 1 Containment Building. Also beginning in Q2 2011, a distinct and coincident increase in Tritium activity was also observed in multiple sampling intervals of MW-39, located upgradient/cross-gradient of Unit 1 in the northern portion of Unit 3. Subsequently, monitoring installations located further downgradient exhibited Tritium activities which continued to increase through Q3 2011 (MW-57) and Q4 2011 (MW-54, MW-50 and MW-49) as the perturbation moved through these locations.

Given the observed Tritium increases, particularly recognizing that groundwater cannot flow from Unit 2 (Tritium plume location) to this southern area of Unit 1, it was judged likely that a spill had recently occurred. As such, an investigation into the underlying cause of these peaks was immediately initiated by Entergy. Through this investigation, an April 1, 2011 sample sink overflow in the Unit 1 Chemical Systems Building (CSB) was initially identified as a likely source of the above identified Tritium peaks. This sample sink, located next to the Waste Distillate Transfer Pumps on the 70' Fuel Handling floor, was found overflowing because the sink's sock filter had become obstructed. This caused subsequent flooding on the floor which flowed into the floor drain. Upon discovering the sink overflow, Entergy removed the materials obstructing the sink, and removed the residual water. However, additional investigations revealed that the 70' floor drain piping was compromised, which resulted in flooding of the Sample Room below[63] on the 53' floor. Concurrently, it was noted that leakage previously being captured from Waste Distillate Transfer Pump piping was also being discharged to the 70' floor drain; this captured piping leakage was then rerouted. These multiple facets of this overall release, collectively called the "CSB Sample Sink Overflow", are all associated with the distillate tank waste processing system located in the Unit 1 CSB. While the Sample Sink Overflow and associated flooding was previously identified and resolved by IPEC, the release to the environment only became apparent via the Q2 2011 sampling results.

Based on the proximity of the Unit 1 CSB 53' Sample Room to the South Curtain Drain (SCD), it appears that a portion of the above described spill exited the structure through wall/floor joints and entered the curtain drain. The spill then appears to have entered the groundwater flow regime along this drain line. A portion of the highly-Tritium laden water likely stayed within the SCD above the working mat[64] and is a likely source of the 2011 Tritium peaks observed in MW-47, MW-56 and additional further downgradient Unit 1 monitoring locations. Additionally, part of the release may have also followed the Southwestern IP1-CB Flow Path, as discussed in Section 8.2 of the Hydrogeologic Site Investigation Report prepared by GZA, dated January 7, 2008 and also impacted these two well locations. Finally, water appears to have also exfiltrated from the SCD near the southern portion of the CSB into the vadose zone. Given the slope of the bedrock surface in this area, as well as the strike and dip of the bedrock fractures[65], this migration pathway is likely responsible for the 2011 Tritium increases observed in MW-39.

Given the above discussion, the following 2011 Tritium I.L. exceedances appear related to (and have been attributed to) the Unit 1 CSB Sample Sink Overflow:

[62]The Tritium activity within MW-47-56 increased by nearly tenfold during 2011; however, this activity was still nearly two orders of magnitude less than that observed in the deeper sampling interval at this monitoring location, MW-47-80.

[63]The floor drain in this room was obstructed, which resulted in the water backing up until there was 1/2 -3/4" of standing water throughout this room. The water in the 53' Sample Room then leaked down to the 43' CSB landing at the bottom of a nearby stairway (Stairway #11).

[64]It is noted that this drain is typically dry, and thus, in conjunction with the building foundation and associated working mat, can form a preferential flow path, which can then transport water around the building without it being intercepted by the deeper CSB drain.

[65]See the Hydrogeologic Site Investigation Report discussion of vadose zone transport along bedrock fracture strike and dip as related to up/cross gradient Tritium migration from Unit 2 to the Unit 1 NCD. A similar migration mechanism is hypothesized to have occurred in the case of MW-39, as graphically presented on **Figure 6-Q2 2011.**

MW-39-67: Q2 2011, Post-Q2 2011, Post-Q3 2011 and Q4 2011;
MW-39-102: Q2 2011, Post-Q2 2011, Post-Q3 2011 and Q4 2011;
MW-39-195: Q2 2011, Post Q2 2011, Post-Q3 2011 and Q4 2011;
MW-50-42: Q2 2011;
MW-50-66: Q2 2011, Q3 2011 and Q4 2011;
MW-54-37: Q2 2011, Post-Q2 2011, Q3 2011 and Q4 2011;
MW-54-58: Post-Q2 2011, Q3 2011 and Q4 2011;
MW-54-123: Q4 2011;
MW-54-144: Q2 2011, Q3 2011 and Q4 2011;
MW-54-190: Q4 2011;
MW-56-83: Q2 2011, Post-Q2 2011, Post-Q3 2011 and Q4 2011;
MW-57-20: Q2 2011, Post-Q2 2011 and Post-Q3 2011;
MW-57-45: Q2 2011, Post-Q2 2011 and Post-Q3 2011;
MW-58-26: Q2 2011, Post-Q3 2011 and Q4 2011;
MW-58-65: Post-Q3 2011 and Q4 2011;
MW-62-138: Q4 2011;
MW-63-121: Q4 2011; and
U1-CSS: Q2 2011 and Post-Q2 2011.

The Tritium activity in the majority of the more upgradient monitoring locations (e.g. MW-39, MW-47, MW-56, U1-CSS and potentially MW-57) appears to have peaked in Q3 2011, and these locations appear to be entering the decreasing portion of the breakthrough curve in Q4 2011. The downgradient wells (e.g. MW-49 and MW-50) are generally still exhibiting increasing trends as the center of mass migrates towards these locations. The first Tritium I.L. exceedances at the river boundary (monitoring locations MW-62-138 and MW-63-121) occurred in Q4 2011, indicating the leading edge of this pulse input had reached the river boundary wells by Q4 2011.

Due to the transient nature of this spill and the non-sorbing behavior of Tritium, it is expected that the upgradient wells will continue their overall decreasing trend back to historical baseline conditions. However, all indications are that this spill was released into the vadose zone; therefore further releases from associated Retention Mechanisms could potentially cause temporary increases in Tritium activity at these locations in the future. Once this input migrates through the system, it is anticipated that the Tritium activity in the farther downgradient monitoring locations will also return to historical baseline levels. Of all the 2011 I.L. exceedances that have been attributed to the U1 CSB Sample Sink Overflow, only those at sampling intervals MW-50-42 and U1-CSS were resolved during 2011. As such, the unresolved I.L.s at the other monitoring locations will be further evaluated based on the additional data obtained during the upcoming quarterly monitoring rounds.

Other (Explained Individually)

MW-39-84 (Q4 2011; Strontium). The Q4 2011 Strontium result exceeded the I.L. at MW-39-84 by approximately 1 pCi/L, which is the highest Strontium activity measured at this interval since the initiation of the LTMP. A corresponding positive Strontium detection was also noted in the sampling interval directly below (MW-39-102). Prior to this point, Strontium was typically detected between 1 and 2 pCi/L at this interval. The source of this Strontium has been associated with the Legacy IP1 Storm Drain piping, which historically carried water collected by the Unit 1 SFDS[66]. This discharge was rerouted after testing revealed that numerous sections

[66]Refer to the Hydrogeologic Site Investigation Report prepared by GZA, dated January 7, 2008 for additional information.

of the storm drains leaked. As such, no active Strontium source has been present in the Legacy piping since 1994[67].

However, even after source termination, Strontium peaks have still been noted at MW-39 since the initiation of the LTMP. These peaks have been attributed to residual sediment in storm drains as well as fluctuation in precipitation and thus Retention Mechanism influences. The somewhat higher Strontium measured in Q4 2011 is therefore likely related to the high amount of precipitation in 2011 (e.g. Hurricane Irene), and/or storm drain work, which could have potentially remobilized trapped/sorbed Strontium. Given that Strontium discharges to the nearby Legacy Storm Drain have been terminated, the elevated activity is expected to return to historical levels below the I.L. with the resumption of more normal precipitation rates. This monitoring location will be specifically evaluated based on the additional data obtained during the upcoming quarterly monitoring round.

MW-39-102 and MW-39-124 (Q2 2011; Cesium). Cesium was detected in both MW-39-102 and MW-39-124 in Q2 2011. Prior to Q2 2011, Cesium was never detected in either of these sampling intervals, it immediately returned to below the detection limit in both intervals by the Post-Q2 2011 sampling round, and remained below detection through Q3 and Q4 2011. In addition, Cesium was not detected in any of the other sampling intervals (either above or below) these two intervals during Q2 2011, and has never been detected in these intervals since the beginning of the LTMP. Therefore, these Q2 2011 Cesium detections in MW-39-102 and MW-39-124 are likely false positives due to laboratory errors or glassware contamination.

However, it is noted that MW-39-102 concurrently exhibited elevated Tritium in Q2 2011, as attributed to the U1 CSB Sample Sink Overflow. Although unlikely due to the high partitioning affinity of Cesium, these detections could potentially be related to this transient spill. Both of these Cesium detections and I.L. exceedances were resolved in 2011.

MW-41-40 (Q1 2011; Strontium). The Q1 2011 Strontium activity slightly exceeded the I.L. for this sampling interval; this activity is the highest measured at this interval since the initiation of the LTMP. Additionally, a clear increase in Strontium activity was also noted in the lower sampling interval at this location (MW-41-63) in Q1 2011. Strontium has consistently been measured above 2 pCi/L at this monitoring location. As discussed above relative to MW-39-84, the source of this Strontium has been associated with the Legacy IP1 Storm Drain piping, which historically carried water collected by the Unit 1 SFDS (see **Figures 7-Q1** through **7-Q4**). As such, this Q1 2011 Strontium peak is likely associated with liberation of Strontium stored (Retention Mechanism) near this Unit 1 Legacy piping due to high precipitation events or potentially storm drain work. The Strontium activity at MW-41-40 immediately decreased below the I.L. in Q2 2011 (similar decrease also observed in MW-41-63) and remained at historical levels through Q4 2011. As such, this I.L. exceedance was resolved in 2011.

MW-50-42 (Q4 2011; Strontium). The Q4 2011 sample exceeded the Strontium I.L. by approximately a factor of three, which represented the highest activity measured at this interval since the initiation of the LTMP. Inspection of **Figure 7A** reveals that this Q4 2011 peak was likely a delayed response to the increase in water levels during defueling operations in the Unit 1 SFPs, possibly resulting from a delayed contribution from Retention Mechanisms. An extended response to the defueling operations has been noted at MW-50-42 since Q3 2009, so the return to pre-defueling levels could potentially be prolonged at this downgradient location. However, because the ultimate source has been terminated, an eventual decrease below the historical Strontium activity at this location is expected. This monitoring location will be further

[67] It is also noted that the ultimate Strontium source, the Unit 1 SFPs, has also been terminated during the defueling operations in 2008.

evaluated based on the additional data obtained during the upcoming quarterly monitoring round.

MW-52-122 and MW-52-181 (Q2 2011; Cesium). Positive Cesium detections were measured in both of these sampling intervals in Q2 2011. However, these detections are likely false positives because: (1) Cesium was **not** detected in Q2 2011 in the other sampling intervals (both above and below) at this location (e.g. MW-52-11, MW-52-18, MW-52-42, MW-52-64 and MW-52-162); (2) prior to Q2 2011, a positive Cesium detection has never been observed for all sampling intervals (including MW-52-122 and MW-52-181) at this location; (3) Cesium was below the detection limit in MW-52-122 and MW-52-181 immediately following this detection (Q3 2011); (4) additional Cesium detections were **not** measured in any surrounding monitoring location during Q2 2011; and (5) no plausible upgradient Cesium source is present. As concluded for MW-39-102 and MW-39-124 discussed above, these Cesium detections appear to be false positives.

MW-53-120 (Q3 2011; Nickel). A positive Nickel detection was measured at MW-53-120 in Q3 2011, the first detection observed at this sampling interval since Q4 2008. The MDC, which has been typically around 20 pCi/L historically, was only 11 pCi/L in Q3 2011. If a historically typical MDC had been applied to the Q3 2011 sample results, the Nickel results (14.5 pCi/L) would have been below the detection limit. Therefore, this positive detection is likely only a result of laboratory adjustments during Q3 2011[68]. The MDC returned to a historically typical value (21.7 pCi/L) in the following, Q4 2011, quarter and Nickel was then below the detection limit at this sampling interval. As such, the Q3 2011 I.L. exceedance was resolved in 2011.

MW-66-36 (Q1 2011; Strontium). The Q1 2011 Strontium activity slightly exceeded the I.L. and slightly exceeded the historical maximum activity measured at this sampling interval. Inspection of **Figure 7A** demonstrates that this Q1 2011 increase was the first clear Strontium increase at this location since the defueling operations were completed on the Unit 1 SFPs. Because this monitoring location is located downgradient of the Unit 1 SFPs, the Q1 2011 increase is likely in response to the defueling operations in the Unit 1 SFPs, as this perturbation migrated downgradient to this location. This Q1 2011 peak was immediately followed by a decrease in Q2 2011 to an activity below the Strontium I.L. The Strontium activity remained below the I.L. in Q3 2011 and Q4 2011, although the activity was slightly elevated and fluctuations were observed. As such, this I.L. was resolved in 2011. However, because this sampling interval is located along the downgradient boundary, and recognizing the partitioning behavior of Strontium, the eventual return to pre-Q1 2011 levels may be prolonged.

Foundation Drains and Manholes

The Unit 2 foundation drains which discharge into MH-5 VCFD, along with similar drains for Unit 3 which discharge into Manholes B-1 and B-6, form an integral part of the early leak detection monitoring network.

> **MH-5 VCFD -** Throughout 2011, peaks in Tritium activity have been observed within MH-5 VCFD[69], where the maximum activity (12/22/2011 sample) was multiple times higher than the relatively small, singular peak previously noted in Q3 2010.[70] This original 2010 peak was immediately followed by a rapid reduction[71] to the previous

[68] It is noted that this monitoring location, MW-53, is located near the U1-NCD. The Nickel activity in this curtain drain is consistently >100 pCi/L. Additionally, positive Nickel detections have been measured in every sample collected at MW-42-49, an upgradient sampling interval that is also located adjacent to the drain, since the beginning of the LTMP.

[69] It is noted that the water collected by the MH-5 VCFD is routed to the discharge canal where it is released as a monitored discharge. As a monitored discharge, this Tritium activity is directly accounted for in the dose computations.

[70] The Q3 Tritium peak in MH-5 VCFD was approximately ten times higher than the previous baseline of approximately 1000 pCi/L.

[71] After the initial Q3 10 increase, the Post-Q3 2010 sample, obtained only 10 days later, showed the Tritium activity in MH-5 VCFD had already returned to the previous baseline levels.

baseline levels in Post-Q3 2010, and remained at baseline through Q4 2010. At the time, the Q3 and Q4 Q3 2010 Quarterly Monitoring Reports conjectured that this MH-5 VCFD peak in Tritium activity could be potentially correlated with the increased LCD flow rate, and also associated with the increased activity in proximate monitoring wells MW-31and MW-32 (as discussed in **Section 3.4** of these reports).

However, this correlation no longer appears plausible based on weekly samples and flow rate measurements[72] more recently collected from MH-5 VCFD. This more intense sampling regimen, relative to the previous quarterly sampling frequency, was initiated in June 2011 as part of the ongoing investigation to identify the ultimate cause of these elevated Tritium levels. As shown on **Figure 6B,** which includes four additional quarters of data (relative to that presented in the previous Q4 2010 report), the 2011 Tritium peaks observed in MH-5 VCFD (as well as those observed in the proximate the monitoring wells) are not convincingly correlated with the increased flow rates in the LCD. Therefore, the previous conjecture that these data were potentially correlated appears to be less likely the case given the additional data. As such, the Tritium peaks observed in the monitoring points from MW-31 and MW-32 appear to be more likely the result of the previously discussed transient surfaces spills (see above), as well as Retention Mechanisms.

The peaks in MH-5 VCFD currently remain unexplained. The ongoing investigation is now more focused on potential process inputs such as floor and roof drains, with potential contribution from plant/FSB vent condensate. Construction drawings are currently being reviewed in order to potentially identify additional process inputs to the drain lines upstream of this sampling point. Finally, it is noted that the other radionuclides analyzed (e.g. Strontium, Cesium, Cobalt) were all non-detect for all samples collected in 2011, similar to historical results at MH-5 VCFD.

B-I - During Q1 and Q2 2011, elevated Tritium was observed in Unit 3 manhole B-1. However, the activity then decreased by over an order of magnitude[73] by Q3 2011, after the U3 FSB vent fan was placed back in service. The operational vent fan eliminated the roof drain input of Tritium into MH-A2; B-I, and its associated foundation drain, is located downgradient of MH-A2 and likely collects exfiltration from A2 via this groundwater pathway. The 2010 and 2011 trends at B-1 were generally consistent with the transient increases in Tritium activity observed in MH-A2 during that period (See discussion above under Unit 3 FSB roof condensate). However, unlike the earlier Q4 2010 decrease observed in B-1, there was a Tritium peak observed in MH-A2 during that quarter, and the Tritium activity seen at monitoring locations MW-41-40 and MW-46 also remained elevated during that time. Therefore, while it appears that the Tritium activity in B-1 is generally related to the recent MH-A2 / roof drain induced Tritium peaks, a clear correlation is not apparent. As such, the previously inoperable U3 FSB vent fan may not be the only cause for the recent peaks observed in B-1. This manhole will therefore be further evaluated in the upcoming quarterly monitoring rounds.

Similar to the historical sampling events at B-1[74], Cesium was also detected in all three 2011 samples from this manhole at an activity comparable to the Q3 and Q4 2010 results[75]. These Cesium levels are well below the 80-10 Effluents Program reporting

[72] The flow rate at MH-5 VCFD was consistently between 4 and 8 gpm in 2011.

[73] The Q3 2011 Tritium activity decreased to 736 pCi/L, which is even below baseline activity (~1,000 pCi/L) in this manhole.

[74] A total of 13 samples have been collected from Manhole B-1 and low levels of Cesium have been positively detected in 9 of these samples.

[75] At manhole B-1, the Cs-137 activity slightly decreased from the first 2011 sample (Q1 2011) to the final, Q3 2011, sample. However, a slight increase was noted between Q4 2010 and Q1 2011.

limits, and are believed to be associated with Unit 1 contaminated construction backfill remaining in the vicinity of the Unit 3 VC Building. The remaining radionuclides were all non-detect during the three 2011 sampling events at B-1.

B-6 Similar to the recent trends seen in the upgradient Unit 3 monitoring locations (and U3-T2), a Tritium peak was observed at Manhole B-6 in Q2 2011. Following this peak, the Tritium activity exhibited an overall decrease through Q4 2011 and the Tritium results were below the detection limit in Q4 2011. All other radionuclides were non-detect at B-6 during the five 2011 sampling events. It is believed that B-6, and its associated foundation drain, is also capturing groundwater with increased Tritium activity due to previous Exfiltration of Unit 3 FSB roof condensate from MH-A2.

Leak Collection Device (LCD). During 2011, the flow rate into the Unit 2 Leak Collection Device (LCD) fluctuated between approximately 0.7 and 2.5 liters/day from March 2011 to September 2011, compared to a historical baseline flow rate of <0.02 L/day. The LCD flow rate then gradually decreased to approximately 0.5 L/day between September 2011 and December 2011[76], but still remained well above (over an order of magnitude) the historical baseline collection rate.

A previous, clear increase in the daily volume of water collected by the LCD was also observed in Q3 2010, with an average flow rate of approximately 1.5 L/day[77]. However, this increase was followed by a rapid return to baseline conditions in October 2010, and the LCD flow rate remained at those baseline conditions through Q1 2011.

Previous investigations indicated that the increased flow observed in Q3 2010 was potentially correlated[78] with the timing of atypically elevated water levels in the fuel pool, as associated with dry cask work. Following the limiting of these increases in pool water elevation, a marked decrease was observed in the LCD flow rate throughout Q4 2010.

With the resumed increased LCD flow, further investigations by GZA and Entergy identified a number of existing light outlet boxes, welded to the inside liner of the fuel pool, as potential locations where pool water could get through the liner during high water levels (i.e., above the designed high water level of the pool). The majority of the boxes are sourced by electrical conduits which were constructed without penetrating the liner by running the conduit along the side of the wall to the top of the fuel pool. However, for a portion of the light outlet boxes (i.e. the boxes on sides of the pool where the crane rails are located), these electrical conduits penetrate the liner and do not prohibit water from entering the annulus[79]. Following subsequent inspections of the light boxes, it has been concluded that there is definitive indication that these boxes did contribute, at least in part, to the LCD flow rate under transient overfill conditions. This conclusion has been reached based, in part, on the observation of boron precipitate within the boxes and conduit penetrations.

Due to these investigations, the six light boxes that contain electrical conduits which penetrate the liner have been temporarily sealed and IPEC has implemented restrictions on the pool elevation during atypical operations. Entergy is also scheduling the removal of these light boxes

[76] It is noted that the LCD flow rate increased from approximately 0.5 to 0.9 L/day between December 21, 2011 and the end of the year.

[77] The LCD collected approximately 50 liters of water during the July to October 2010 time frame, which is greater than the total volume of water collected during the previous 3 year period (April 2007 through June 2010). In this regard, however, it is noted that all of the water collected by the LCD is fully contained and does not enter the groundwater regime.

[78] While the data trends appear to correlate, it is noted that simple correlation does not demonstrate causation.

[79] At the time, it was believed that raising pool levels above the light boxes for the dry cask work was acceptable because the construction drawings showed the boxes were sourced via conduits that do not penetrate the liner. Therefore, it was not clear that a transient overfill would pose a problem.

with permanent plating/sealing of the liner so as to permanently eliminate any possible future contribution to the LCD flow rate.

Given the elevated 2010 and 2011 LCD flow rates, **Figure 6B** is included in this report to visually present both the historical LCD flow rate data and the Tritium data for the monitoring locations located within the Unit 2 Tritium plume. Review of **Figure 6B** suggests that the increased flow rates in the LCD do not correlate with trends observed in the Unit 2 monitoring locations, which further supports the conclusion that the flow into the LCD is not indicative of release of similar water into the groundwater system.

However, it is noted that the LCD flow rate remained elevated after the temporary sealing of the light boxes. This could either indicate that: (1) the temporary seals are not sufficiently robust; (2) there is an additional contributing leak in the liner; or (3) the continued 0.5 L/day flow is a residual effect, given the unknown travel time for water trapped behind the liner (prior to the repair) to migrate from the light boxes through the four-foot thick concrete wall and then into the LCD. Given the remaining uncertainty, additional liner investigations are currently being planned, and this monitoring location will be further evaluated based on additional data gathered during the upcoming quarterly monitoring rounds.

U1 NCD AND U1-SFDS. Sampling of the Unit 1 North Curtain Drain (U1-NCD) and the Unit 1 Sphere Foundation Drain Sump (U1-SFDS) are currently included as part of the Long Term Monitoring Program. These drains have been documented to capture a large proportion of the Strontium leakage from the Unit 1 SFPs, and continue to collect groundwater containing Strontium and Cesium and direct it through monitored discharge points with the NCD flow undergoing treatment prior to discharge[80]. These drains have also historically been assumed to collect some groundwater contaminated with Tritium from the Unit 2 SFP. This conclusion was validated by the tracer test conducted as part of the hydrogeologic site investigation (see the Hydrogeologic Site Investigation Report prepared by GZA, dated January 7, 2008).

Visual inspection of the U1-SFDS Tritium data demonstrates that this drain also likely collected groundwater impacted by the recent U1 CSB Sample Sink Overflow. A clear increase in Tritium activity, by nearly one order of magnitude, was measured in Q2 2011. This was followed by steady decreases through Q4 2011, with the Q4 2011 Tritium activity dropping below the detection limit. The U1-NCD Tritium activity also temporarily increased in Q3 2011 by a factor of three relative to baseline conditions reestablished through Q4 2010. This peak was immediately followed by a decrease of greater magnitude in Q4 2011, which dropped the Tritium activity back to the baseline levels seen in 2009. This increase in the NCD has also been attributed to the U1 CSB Sample Sink Overflow.

Strontium data from these drains continues to show overall decreasing trends since the completion of U1 SFP defueling; in fact, the Q4 2011 Strontium activity in the U1-SFDS and U1-NCD was 85% and 82%, respectively, lower than the average pre-defueling levels seen at these locations (as summarized on **Figure 7A)**.

3.5 Plume Natural Attenuation Monitoring

The fourth and final objective of the Long Term Monitoring Program is to evaluate if the groundwater plumes identified on-Site demonstrate overall reductions in total activity over time,

[80] Prior to the Unit 1 SFP defueling, the U1-NCD and U1-SFDS drains were collecting approximately 20-40 times more Strontium than was discharging through groundwater into the Hudson River. Additionally, these drains were particularly effective during defueling and captured approximately 300-350 times more Strontium during this time frame. Following the completion of the defueling operations, these drains have been removing approximately 10 times more Strontium than is discharging into the Hudson River from groundwater.

as is consistent with the requirements of Monitored Natural Attenuation (MNA), the selected remediation for the IPEC Site[81].

Given the likely ages of the SFP leaks identified and characterized during the hydrogeologic investigation, it is probable that the Unit 2 (Tritium) and Unit 1 (Strontium) plumes had reached steady state conditions prior to the beginning of the LTMP. Given that: (1) the identified leaks in the Unit 2 SFP which impact the geohydrologic flow regime[82] have all been previously repaired (the last leak repaired in 2007) and; (2) the water in the Unit 1 West Pool underwent intensified demineralization (beginning in April 2006 with a reduction in Strontium levels of over 95 percent) and the pools were then subsequently fully defueled and drained in Q4 2008, one might expect that the plumes should have started to markedly attenuate toward zero with time. Both plumes have in fact generally shown significant levels of attenuation, when they are viewed in their entirety and past release events (including more-recent localized, transient spills) and expected seasonal variability in the sampling data are accounted for. However, the attenuation has not been as rapid as we originally anticipated during time frames subsequent to the source interdictions implemented by Entergy.

In the case of the Unit 2 Tritium plume, levels have dropped markedly from the highest levels measured during the two-year hydrogeologic investigation; however, the rate of Tritium decrease with time has decreased. In fact, the total Unit 2 Tritium plume activity stopped decreasing and even increased for one quarter due to the impact of the transient RWST/R.O. skid spill. While the overall decreasing trend since source interdiction is clear, the more current rate of reduction has been difficult to predict due to the impact of: (1) these transient, localized spills; and (2) natural geologic and anthropogenic Retention Mechanism(s)[83]. However, as seen in the data for Q3 2011 and Q4 2011, the Tritium levels in the plume are once again declining at rates comparable to those seen during the beginning of the LTMP (see **Figure G-17**). Further discussion of this year's data pursuant to evaluation of the Unit 2 Tritium plume MNA is provided in **Section 3.5.1** below.

Relative to the Unit 1 Strontium plume, Strontium levels should drop more slowly than Tritium levels. This is because, in addition to the Retention Mechanism(s) discussed above for Tritium (which also apply to Strontium), Strontium also undergoes partitioning whereby this radionuclide is adsorbed from the groundwater onto solid surfaces (both geologic and anthropogenic). When the input of Strontium to the groundwater is reduced (such as via the initial fuel pool demineralization and subsequent decommissioning) the solid surfaces desorb the "stored" Strontium back into the groundwater, thus maintaining Strontium levels. Strontium partitioning is therefore expected to substantially slow plume attenuation. Despite partitioning effects, some plume attenuation was observed in response to pool demineralization prior to defueling, particularly proximate to the pool. However, defueling of Unit 1 resulted in a temporarily increase in the leakage rate of West Pool water into the formation. This was expected based on previous work on the Unit 1 SFPs, but was unavoidable given the requirement to raise the pool

[81] The selection of MNA as the remediation for the Site is more fully discussed in the Hydrogeologic Site Investigation Report, dated January 7, 2008.

[82] While a release of pool water through the Unit 2 SFP liner (and into the LCD) via light outlet boxes has been documented, there is no compelling evidence that any of this water has migrated through the concrete wall elsewhere and entered the groundwater flow regime. This conclusion is based primarily on the lack of convincing correlation of LCD flow rate with the response of groundwater monitoring points proximate to the pool.

[83] These subsurface features have trapped and stored Tritium that was released during historical Unit 2 SFP leaks and were likely replenished during the transient, localized spills. Therefore, they are still likely releasing this Tritium to the groundwater flow regime in an episodic manner after the physical leaks have been terminated. This conclusion is consistent with the original CSM presented in the Hydrogeologic Site Investigation Report, as further supported by the tracer test data in that report as well as subsequent tracer data, as described in Section 3.6 of the Q1 2009 Quarterly Monitoring Report, dated July 2, 2010.

level for fuel rod removal[84]. The increased leakage rate had resulted in a noticeable increase in Strontium levels in the immediate vicinity, and downgradient of, the fuel pool. However, as more currently observed, the Q4 2011 Strontium activity in the near-pool monitoring locations has generally decreased substantially below the average pre-defueling levels (by 80-98%). More downgradient monitoring locations have also generally returned to pre-defueling Strontium levels, with outliers expected to continue to show further decreases towards pre-defueling levels in the upcoming quarters. As discussed further in **Section 3.5.2** below, the total Unit 1 Strontium plume activity has dropped by approximately 68% since the completion of the Unit 1 SFPs defueling operations, and has dropped by approximately 20% when compared to pre-defueling conditions.

3.5.1 Unit 2 Tritium Plume Attenuation

Qualitative Evaluation

From a qualitative perspective, a reduction in overall Tritium activity in the Unit 2 plume can be seen through a comparison of the most-current, Q4 2011, delineated plume boundary (**Figure 6A**) to those in early LTMP quarterly reports (2007 and 2008). Not only have Tritium levels within the plume generally shown an overall, long-term decreasing trend, but the reductions over the more recent quarters, downgradient of the discharge canal, have become particularly evident in the delineated, shaded bounds of the plume. This quarter continues the trend where the shaded plume[85] no longer extends to the river as it did in previous quarters through Q1 2009. Additionally, the rolling average Tritium activity in MW-111, indicative of the core of the plume, has shown an overall decrease by a factor of greater than six over the last two years, from 70,150 pCi/L in Q1 2009 to 11,100 pCi/L in Q4 2011, and by over an order of magnitude since tracking of the plume began. This trend over time has been summarized on **Figure 6A**, which is a compilation of the quarterly Tritium plume maps as well as that from the Hydrogeologic Site Investigation Report.

Mann-Kendall Quantitative Analysis

To more quantitatively evaluate MNA progress, a Mann-Kendall analysis, as referenced in USEPA Guidance for Data Quality Assessment – Practical Methods for Data Analysis,[86] was performed on the Tritium levels measured through the most-current quarterly data, Q4 2011, at monitoring locations associated with the IP2-SFP and downgradient Unit 2 Tritium plume[87]. Because this monitoring report covers the entire year, all quarterly data from Q1 through Q4 2011 have been added to the Mann-Kendall analysis. Each of the vertical monitoring intervals

[84] As of late 2008, all the fuel rods have been removed from the Unit 1 SFPs and the pool water has been drained. As such, the Unit 1 SFPs is no longer an active source of radionuclides to the subsurface.

[85] The plume shading on **Figure 6** demarks the estimated boundary that separates Tritium levels greater than 5,000 pCi/L from those below this value, and provides a reasonable demarcation level for illustrating plume geometry and temporal variation. Although this value equates to one-quarter of the drinking water standard for Tritium, GZA emphasizes that drinking water standards (USEPA MCLs) do not apply to the IPEC property given that there are no drinking water sources on or proximate to the site. Where yearly rolling average radionuclide activity data were available for multiple depths at a given location, GZA used the highest value to develop plume delineations. This is a typical approach to represent three-dimensional contaminant data sets on two-dimensional maps.

[86] USEPA Guidance for Data Quality Assessment – Practical Methods for Data Analysis, EPA QA/G9, QA00 UDATE; EPA/600/R-96/084, July, 2000.

[87] The Mann-Kendall statistical technique was initially chosen because it is particularly well suited for data sets with a limited number of points. The method was subsequently retained because it is also a non-parametric analysis and therefore does not introduce bias by presupposing any particular shape for the trend curve. In addition, the method is robust with respect to outliers, which allows it to handle the variability inherent in the data set. Finally, the method tolerates non-uniform sampling frequencies. This is important because while the sampling frequency is typically quarterly, more frequent samples are proactively taken when a scheduled operation carries an increased risk of potential release, and also when something unexpected is observed that could indicate a new leak or spill.

at each monitoring installation was analyzed separately. In general, only data collected after final completion of the multi-level installation was used[88].

Graphs showing the variation in Tritium activity over time in the immediate vicinity of the Unit 2 SFP are presented as **Figures G-1**, **G-2** and **G-3** in **Appendix G**, for MW-30, 31 and 32, respectively. Additional graphs are also presented in the appendix for the other monitoring locations downgradient of the Unit 2 SFP (see **Figures G-4** through **G-14** for MW-33 through 37, 42[89], 49, 50, 53[89], 55 and 111) and downgradient, river boundary wells (see **Figures G-15** and **G-16** for MW-66 and 67, respectively). The Mann–Kendall analyses for the individual monitoring points are summarized on **Table G-1** in **Appendix G**. The table includes the results of the analysis for each depth interval ("well") at each of the multi-level monitoring locations enumerated above. The table is color coded, with green shading designating wells showing a decreasing trend, yellow for no trend, and red for an increasing trend.

Comparison of **Table G-1** for Q4 2011 to that from Q4 2010 indicates that the number of increasing trend designations has now begun decreasing, from 5 total intervals (1 river boundary interval) in Q4 2010 to 3 total intervals (0 river boundary intervals) in Q4 2011, and the upgradient monitoring locations (MW-31 and MW-32) also showed an overall shift toward decreasing trends now that the RWST/R.O. skid perturbation has generally migrated through the local groundwater flow regime. Of the 32 non-river-boundary intervals included in the table for Q4 2011, approximately one-half (18) show a decreasing trend, no change from the last quarterly report (Q4 2010). It is important to note that this group of "decreasing wells" includes all those located within the core of the plume with the highest Tritium activities (MW-30-69, MW-33 and MW-111). These high-activity wells better represent overall plume behavior because they encompass a great percentage of the Tritium activity in the plume. For the river boundary monitoring intervals, slightly less than one-half (4 of 9) show a decreasing trend, the same as last quarterly report (Q4 2010)[90].

Notwithstanding the above, it is noted that the Mann Kendal analysis is still currently of limited use for evaluating the behavior of the plume in response to the termination of the identified leaks in the Unit 2 SFP, the reason these analyses were implemented. This is primarily due to the impact of two localized, transient Tritium surface spills[91], the most critical of which is the

[88]The majority of the boreholes were completed as a multi-level installation. These multi-level completions were designed to segregate the borehole length into individual sampling zones with depth. The sampling zones were generally established to coincide with the more productive zones of the fractured bedrock and overburden (both natural soils and backfill). These sampling zones were then isolated from each other with various types of seals placed in the open borehole. The objective of the seals is to prevent vertical flow through the borehole and thus establish the same conditions in the formation which existed prior to the drilling of the borehole. As such, the Tritium data is considered depth-discrete. It is noted that the multi-level installations at some monitoring locations were removed and replaced with upgraded systems, for example MW-32.
While the overall intent was to use only depth-discrete data, there were a number of exceptions where open borehole and/or borehole packer testing data were also used. These data were incorporated where possible given the importance of early time data (proximate to when documented leaks were still active). Additional, more detailed discussion relative to the basis for including these data is provided in Section 3.6 of the Q1 2009 Quarterly LTM Report.

[89]MW-42 and MW-53 are located downgradient of the Unit 1 SFPs, rather than the Unit 2 SFP. However, these two wells were included in the analyses due to the long-standing hypothesis that the Unit 2 SFP contributes Tritium to the Unit 1 groundwater flow regime via vadose zone transport (see the graphic representation in **Figure 6** herein and the discussion in the Hydrogeologic Site Investigation Report). It is noted that any decreasing Tritium trend in this area due to the termination of leaks from the Unit 2 SFP could be masked by increased leakage of Tritiated water from the Unit 1 SFPs up through the completion of defueling in November 2008, and then thereafter via the Retention Mechanism(s) and localized transient releases, as described above.

[90]Closer inspection of the current "no trend" river boundary wells reveals that the normalized test statistic decreased from Q4 2010 to Q4 2011 at four of the five intervals (MW-67-219, MW-67-276, MW-67-323 and MW-67-340). In fact, MW-67-340 switched from an "increasing trend" designation to a "no trend" designation from Q4 2010 to Q4 2011. As such, these intervals are all statistically shifting towards the "decreasing trend" designation, which is currently defined at a 95% confidence interval, with the addition of the current, Q4 2011, monitoring data.

[91]In addition, effectiveness is further impacted by a limitation of the Mann-Kendall analysis method, itself. This method only evaluates the number of increases relative to decreases, and does not weight the analysis relative to the magnitude of each change. Therefore, once a clearly decreasing trend, even of substantial magnitude, has reached a nearly horizontal asymptotic behavior, numerous insignificantly small positive and negative changes over time (such as due to sampling and hydrogeologic/climatic

RWST/R.O. skid spill. These spills have been shown to result in increases in activity, which, while valid measures of plume behavior, impair the ability of the trend analysis to serve as a measure of the effectiveness of Unit 2 SFP leak identification and termination, the intended purpose of this analysis. Due to these spills, a number of wells had previously transitioned from decreasing trend status to no trend, and no trend status to increasing trend. While this trend has been somewhat reversed as the RWST/R.O. skid spill has dissipated, as seen in the 2011 sampling data discussed above, associated Retention Mechanism impacts and the recent U1 CSB Sample Sink Overflow will likely further adversely affect the Mann-Kendall analyses. As such, the original practice of providing a discussion of each monitoring interval exhibiting a no trend or increasing trend is no longer in effect (as begun in Q4 2010) until the transient, localized spills have flushed through the groundwater system. The summary table and the individual Tritium plots for each sampling interval are still provided in **Appendix G**.

Unit 2 Tritium Plume Total Activity Analysis

Another method to analyze plume behavior is to compute the total Tritium activity in the plume at multiple snapshots over time. This procedure[92] was implemented for each quarterly sampling round from the beginning of the LTMP in Q2 2007 through the current, Q4 2011 quarter. In addition, the bounding Tritium activities from Figure 8.1 of the Hydrogeologic Site Investigation Report[93] have also been included as a starting point for the graph. These data are summarized as a histogram on **Figure G-17** in **Appendix G**.

As can be seen from the figure, the total Tritium activity in the plume downgradient of the Unit 2 SFP has shown a distinctly decreasing trend over time. However, the Q4 2009 transient surface RWST/R.O. skid spill did cause a noticeable increase in total Tritium mass in Q1 and Q2 2010[94]. This was followed by a decrease in Q3 2010, and then relatively stable total Tritium mass thereafter through Q2 2011. Once this perturbation moved through the local groundwater flow system, the total Tritium activity reverted back to its overall decreasing trend through Q3 and Q4 2011. Based on the data through Q4 2011, the total Tritium activity in the plume has decreased approximately 55 percent since Q2 2007, and has decreased by approximately 91 percent when compared to the bounding Tritium activity. It is noted that the general "first order" time/activity plume decay graph is now once again decreasing and no longer appears to be approaching a non-zero horizontal asymptote[95].

Conclusion- Unit 2 Tritium Plume MNA

Based on the data and analyses provided above, our conclusion is that the Tritium plume associated with the historical Unit 2 SFP leaks is undergoing overall, long-term reductions in

variability) can overwhelm the relatively short, early-time string of decreasing changes, thus resulting in a switch from a decreasing trend to a no-trend status. This is particularly true when a 95% confidence interval is applied.

[92] The individual sampling point Tritium concentrations were multiplied by the groundwater volumes in representative zones (discretized over area and depth), as computed using soil and bedrock effective porosities developed from the pumping and tracer tests (see the Hydrogeologic Site Investigation Report for further information).

[93] Hydrogeologic Site Investigation Report, January 7, 2008, prepared by GZA GeoEnvironmental, Inc, on behalf of Enercon Services, Inc., for Entergy Nuclear Northeast, Indian Point Energy Center, 450 Broadway, Buchanan, NY 10511.

[94] Approximately 70% of the sampling intervals used in the total Unit 2 Tritium activity calculations recorded an increase in Tritium activity from Q1 2010 to Q2 2010. As such, the total Tritium activity increased from 0.017 Ci to 0.021 Ci during this quarter. Similarly, an increase in Unit 2 Tritium I.L. exceedances was observed in Q2 2010. It should be noted that an increase in Tritium activity for sampling locations completed in soil (backfill) have greater impacts on the total Tritium mass calculations due to difference in overburden porosity vs. bedrock porosity.

[95] An apparent non-zero asymptote was previously conjectured, which suggested a continued input of Tritium into the groundwater flow regime. The current data show the graph is once again decreasing, but a lower, non-zero asymptote is still possible given the Retention Mechanism(s), and/or potentially a small unidentified Unit 2 SFP leak. If an unidentified leak does still remain in the Unit 2 SFP, it must be small. With Tritium at approximately 30,000,000 pCi/L in the SFP, a leak directly from the pool of only approximately 10 L/day would be more than sufficient to provide the required Tritium input to the groundwater. To date, the available data do not appear to support the existence of such a leak.

activity which are consistent with Monitored Natural Attenuation (MNA), the remedial technology selected for the IPEC Site. Given this conclusion and the recognition that Entergy has terminated all identified leaks in the Unit 2 SFP[96], this Unit 2 Tritium plume satisfies the requirements for Monitored Natural Attenuation. Finally, it is important to recognize that, even with additional inputs from localized transient spills, the amount of Tritium being released through the groundwater pathway is still small compared to permitted levels of Tritium discharge to the river through the Discharge Canal.

3.5.2 Unit 1 Strontium Plume Attenuation

Well – Specific Evaluation

Despite the effects of partitioning, as discussed below, the overall Strontium activity within the Unit 1 plume had generally shown some attenuation in response to the West Pool demineralization conducted by Entergy in preparation for defueling. This work began in 2006 and resulted in an approximately 98% reduction in Strontium in the West Pool. See **Figure 7A**: monitoring points U1-NCD, U1-SFDS, MW-42 and U1-CSS. The final defueling of the Unit 1 SFPs, however, resulted in a noticeable increase in Strontium groundwater activities proximate to the SFPs, as exhibited by these same monitoring points; an overall increase in Strontium activity was expected given the requirement to temporarily raise the pool levels for fuel rod removal, thus increasing the leakage rate from the SFPs prior to fully draining the pool[97]. All of these monitoring points have subsequently shown large sustained decreases since mid-2009, to levels that are now even lower than pre-defueling activities. Farther downgradient (MW-53, MW-55, MW-54, MW-57, MW-50, and MW-37), increases in Strontium activities were also measured after defueling, but generally following a time lag as compared to wells more proximate to the SFPs. The majority of these more downgradient monitoring locations have most recently shown decreases to pre-defueling levels, with a few exceptions (MW-53-120, MW-55-24, MW-50-42 and MW-37-40) still exhibiting responses to the increased leakage during defueling. The wells farthest downgradient, river boundary wells MW-66 and MW-67, have shown Strontium activity increases in the past few quarterly sampling events as the perturbation continues to migrate farther downgradient.

Viewed on a more detailed basis with the most current LTMP results, the monitoring well data for Q4 2011 indicate that the overall Strontium levels continued to exhibit a general decrease and are now 80 to 98 % lower than the average pre-defueling levels in the immediate vicinity of the pool (U1-NCD, MW-42-49, U1-SFDS and U1-CSS). These monitoring locations, as expected, were the first to reflect the complete decommissioning of the SFPs given their location/function. For a portion of the somewhat further downgradient wells (most evident in MW-37-22 and MW-50-66), the Q4 2011 data are generally consistent with the decreasing portion of the perturbation peak as the previous increased U1-SFPs leakage moves past these points[98]. However, other downgradient sampling intervals have most recently shown increases in Strontium activity (MW-53-120, MW-55-24, MW-55-35 and MW-50-42), possibly resulting from delayed input from Retention Mechanism(s), while similarly located monitoring points have already exhibited their peak Strontium activities and have now (Q4 2011) decreased back to pre-defueling levels (MW-53-82, MW-54, MW-57, MW-55-54, MW-36 and MW-49). This

[96] While a release of pool water through the Unit 2 SFP liner (and into the LCD) has been documented, there is no compelling evidence that this water has gotten through the concrete wall and entered the groundwater flow regime. This conclusion is based primarily on the lack of convincing correlation of LCD flow rate with the response of groundwater monitoring points proximate to the pool.

[97] As of late 2008, all the fuel rods have been removed from the Unit 1 SFPs and the pool water has been drained. As such, the Unit 1 SFPs is no longer an active source of radionuclides to the subsurface.

[98] The maximum Strontium levels at these locations were typically recorded in 2009 and have generally shown overall decreases over the past few quarters.

variable behavior at downgradient monitoring locations serves to again emphasize that the IPEC Site is located in a bedrock fracture controlled hydrologic regime[99]. As such, this type of localized "distance-based inconsistency" is to be expected and likely indicates that the downgradient wells which exhibited rapid responses to the defueling operations (e.g. MW-54) are closer to (or within) the more pervious preferential flow pathway. This pathway is hypothesized to be responsible for the convergence and narrowing of the Tritium and Strontium plumes as they move toward the river from sources centered at widely spaced locations upgradient[100].

For the farthest downgradient wells, those proximate to the river, it is not clear whether the increased defueling leakage is just beginning to impact these wells, or has generally already past them and the observed increases are due to partitioning/Retention Mechanism impacts. As discussed above, both scenarios are likely the case, depending on the individual area/depth specific zone monitored. For example, Strontium activity in the MW-62-138 depth interval (along with, but to a lesser extent the shallower intervals in overburden) appears to show several Strontium peaks from Q1 2009 to Q1 2011, and then remained below the detection limit through the most-current, Q4 2011, quarter. It is noted that the Strontium levels in this monitoring installation are all relatively low (below 3 pCi/l), and this location does not appear to be proximate to (or within) the Strontium plume preferential flow path. Therefore, the peaks in Strontium observed may not be associated with the Unit 1 defueling, and may be due to nothing more than hydrogeological variability. The two additional riverfront monitoring installations downgradient of the Unit 1 Strontium plume, MW-66 and MW-67, have also exhibited peaks during the 2011 quarterly monitoring rounds. The Strontium data in the shallowest depth interval of MW-67, MW-67-39, also demonstrated a moderate increase in Strontium activity in Q4 2009, dissimilar to the previous overall decreasing trend that was seen at this sampling interval from Q4 2007 (pre-defueling) through Q3 2009. After slight, but distinct, Strontium decreases from Q1 2010 through Q4 2010, the activity again increased during Q1 2011 at this interval. A similar decrease followed this second perturbation for the next two quarter monitoring rounds; however, the Strontium activity again increased in the most-current, Q4 2011, quarter. The monitoring interval directly below MW-67-39 (MW-67-105) had also shown increases in Strontium activity during the Q2 2010 and Q3 2010 quarterly monitoring events, after previously exhibiting generally stable Strontium levels since the initiation of the LTMP. Following this 2010 perturbation in MW-67-105, the Strontium activity has been below the detection limit within this sampling interval through the most-current (Q4 2011) quarter. The Strontium data in the shallowest depth interval of MW-66, MW-66-21, has remained generally stable since the initiation of the LTMP and has not shown a clear response to the 2008 defueling activities. However, the deeper sampling interval, MW-66-36, has recently exhibited slightly elevated Strontium levels, beginning in Q1 2011.

Because the ultimate Strontium source was terminated, the Strontium activity at the river boundary locations are expected to decrease to pre-defueling levels once the perturbation passes through the system. However, as discussed above, Strontium partitioning and potential

[99] While groundwater flow through the fractured bedrock at the IPEC Site is highly preferential at small areal scales, it is characterized by sufficiently interconnected small bedrock fractures to allow the hydrogeologic system to function and be modeled as a non-homogeneous, anisotropic, porous media at Site-wide scales.

[100] By way of contrast, in a homogeneous porous media uniform flow field, the centerlines of plumes that start at widely spaced locations (spaced perpendicular to the groundwater flow path) will typically remain widely spaced (although the edges of the plumes will likely move closer as the plumes get wider through dispersion). In the case of fracture flow at IPEC however, not only do the Strontium and Tritium plume centerlines converge, but the plumes also get narrower as they move downgradient. In addition, MW-50 displays high relative Strontium concentrations and fault gouge was encountered during the drilling of this well. These behaviors/data are typical of a more fractured zone preferentially controlling groundwater flow and thus the migration of the contaminants therein (see the Site Hydrologic Investigation Report for further CSM-focused discussion of this issue).

future inputs from Retention Mechanisms could delay the overall decrease in activity at these Unit 1 monitoring locations.

Unit 1 Strontium Plume Total Activity Analysis

Similar to the Tritium analysis discussed in **Section 3.5.1** above, the behavior of the Unit 1 Strontium plume was analyzed by computing the total Strontium activity in the plume at multiple snapshots over time. This procedure[101] was implemented for each quarterly sampling round from the beginning of the LTMP in Q2 2007 through the current, Q4 2011 quarter. These data are summarized as a histogram on **Figure J-1** in **Appendix J**.

As seen on the figure, the total Strontium activity in the plume downgradient of the Unit 1 SFPs has shown an overall decreasing trend since defueling was completed in November 2008. As expected after source termination, a general "first order" plume decay is observed in **Figure J-1**. While it appears that the Strontium data is approaching a non-zero horizontal asymptote, an indication of additional Strontium entering the groundwater flow regime, the ultimate Unit 1 Strontium source has been definitively terminated through the defueling operations in 2008. This slower attenuation was expected for the Strontium plume due to the strong partitioning behavior of this radionuclide. As such, Strontium was initially adsorbed onto solid surfaces (both geologic and anthropogenic) from the groundwater when the Unit 1 SFPs source was still active. This behavior is an equilibrium process, which means the "stored" Strontium will then desorb back into groundwater when the groundwater Strontium activity decreases, thus maintaining equilibrium between the sorbed and aqueous phases. Therefore, partitioning is expected to substantially slow plume attenuation as the Strontium desorbs back into groundwater.

Even though Strontium partitioning retards overall plume attenuation, the total Strontium activity in the Unit 1 Plume did initially decrease below the average pre-defueling total activity in Q1 2010, only five quarters after the defueling operations were completed. Further overall decreases in total Strontium activity have also observed between Q1 2010 and the most-current quarter, Q4 2011. Because the ultimate source was terminated, the total Strontium activity is expected to continue this overall decreasing trend over time. Based on the Q4 2011 data, the total Strontium activity in the Unit 1 plume has decreased by approximately 68% since the completion of the Unit 1 SFPs defueling operations, and has decreased by approximately 20% when compared to pre-defueling conditions. Future transient increases in total Strontium activity, similar to Q1 2011, may occur when Strontium is potentially released via the Retention Mechanism(s). However, an overall downward trend of total Strontium activity in the Unit 1 plume is expected to continue because the source of contamination was terminated when the Unit 1 SFPs defueling operations were completed.

Conclusion – Unit 1 Strontium Plume MNA

From an overall, long-term perspective, Strontium levels downgradient of the Unit 1 SFPs are generally behaving as expected. The monitoring installations closest to the SFPs exhibited strong peaks in Strontium activity in response to defueling, and then have decreased even below pre-defueling activities. Monitoring installations farther downgradient have generally shown decreases in Strontium activity over the past four quarterly sampling rounds and are generally approaching pre-defueling levels. As expected, the Strontium activities in a portion of these sampling intervals have already decreased to pre-defueling levels. Monitoring installations closer to the river may still show Strontium increases (similar to the recent

[101] The individual sampling port Strontium activities were multiplied by the groundwater volumes in representative zones (discretized over area and depth), as computed using soil and bedrock porosities developed from the tracer and pumping tests (see Hydrogeologic Site Investigation Report for additional information).

increases at MW-67-39 and MW-66-36) as the additional leakage experienced during defueling flushes through the groundwater flow system. It is expected that completion of this flushing mechanism will be protracted given the aforementioned impact of partitioning and Retention Mechanisms on Strontium levels in the groundwater. However, over time it is expected that downgradient Strontium plume levels will also continue their overall downward trend given that Entergy has fully terminated the Unit 1 SFPs as a source through decommissioning.

Based on the Strontium data and plume analysis provided above, our conclusion is that the Strontium plume associated with the historical Unit 1 SFPs leak is undergoing overall, long-term reductions in activity which are consistent with Monitored Natural Attenuation (MNA), the remedial technology selected for the IPEC Site. Additionally, the Strontium plume total activity analysis provides further evidence that the Unit 1 Strontium plume has not only demonstrated a noticeable reduction since U1 SFPs defueling was completed, but also has decreased below the average pre-defueling total plume activity levels. Given this conclusion and the recognition that Entergy has terminated all identified leaks in the Unit 1 SFPs through decommissioning, the Unit 1 Strontium plume satisfies the requirements for Monitored Natural Attenuation.

4.0 CONCLUSIONS AND PLANNED FUTURE WORK

Given the data collected to date, the apparent strength of the CSM to evaluate those data, and the completion of source interdictions by Entergy, we believe all Program Objectives (see **Section 3.0)** are being met. These objectives are consistent with and fully encompass the guidance provided in the NEI Groundwater Protection Initiative (GPI).

Based on the specific results and evaluation of the groundwater monitoring data through Q4 2011, within the context of the Long Term Monitoring Program, IPEC plans to continue routine groundwater and LCD monitoring, related monitoring network maintenance, and reporting of the data and engineering analyses. This work will be conducted in accordance with the IPEC Radiological Groundwater Monitoring Program IP-SMM-CY-110, and will incorporate the enhancements described herein.

It is noted that the analyses and conclusions presented in this report are based on the data and information available up to and including the subject quarter. Data that becomes available after the subject quarter, but before the finalization date of the report, is sequentially reflected in the associated subsequent reports.

In summary, evaluation of data collected during the four 2011 quarters (through Q4 2011) has shown the following:

- Tritium I.L.s were met at a number of monitoring locations to the south of the Unit 1 Containment Building from Q2 2011 through Q4 2011. Investigations identified a transient overflow in a Unit 1 CSB Sample Sink[102] in April 2011 as the likely cause for these I.L. exceedances. The groundwater data from near-source monitoring locations (MW-47, MW-56 and MW-39) generally exhibit overall decreasing activity from Q3 2011 through Q4 2011, suggesting that the peak of this transient perturbation has migrated past these wells, Further downgradient monitoring locations (MW-55, MW-54, MW-50 and MW-49) are still generally exhibiting increases in Tritium activity through Q4 2011 as the center of mass moves towards these locations. The recent Q4 2011 I.L. exceedances in two river boundary sampling intervals (MW-62-138 and MW-63-121) also suggest that the leading edge of this perturbation has reached the River . Given that this transient U1 CSB Sample Sink Overflow was terminated, it is expected that the Tritium activity at these Unit 1 monitoring locations will fairly quickly return to the pre-spill levels.
- Coincident with the above discussed Unit 1 Tritium increases, a number of wells located further south in Unit 3 (e.g., MW-41, 44, 45, 46) also peaked to uncharacteristically high Tritium levels at the same time. Notwithstanding the temporal connection, and in part because these wells are located on the other side of a groundwater mound from Unit 1 (and MW-39), it is believed that these Unit 3 Tritium increases are not due to the above Sample Sink Overflow, but rather are associated with the washout[103] entering Manhole A2 (MH-A2) from the Fuel Storage Building (FSB) roof drain when the vent fan was

[102] Note that, as further discussed in **Section 3.4.4**, this release includes the sink overflow, as well as a previously contained pipe leak, all of which flowed into a compromised floor drain. These multiple facets of this release are all associated with the distillate tank waste processing system located in the Unit 1 CSB, and are termed the "CSB Sample Sink Overflow".

[103] The term "washout," as used herein, is the process by which Tritiated water vapor is transformed into Tritiated water as a liquid. In general, this transformation is driven by condensation (as is the primary underlying driver associated with MH-A2, above) and/or Tritium diffusion from the Tritiated water vapor into precipitation (rain and/or snow), either while it is still falling or after deposition.

generally not operating[104] (see **Section 3.4.4**, and the Q4 2010 quarterly report for further discussion of the washout releases from the FSB roof drain to MH-A2).

Transient Tritium peaks above historical baseline in MH-A2 were initially observed in Q2 of 2009, with more elevated Tritium activity becoming evident between September 2010 and July 2011. These more recent data clearly demonstrated that the Tritium activity within MH-A2 is directly proportional to the discharge from the FSB roof drain when the vent fan was out of service. The vent fan was placed back in service on July 21, 2011, after which the Tritium activity rapidly[105] returned to baseline conditions (<2,000 pCi/L) within the FSB roof drain and MH-A2.

The greater response of the proximate groundwater monitoring wells, as compared to that observed during previous MH-A2 Tritium increases, is believed due to the coincident Unit 3 outage. During an outage, the reactor cavity is open and pool temperature becomes significantly elevated, both resulting in greater evaporative losses, and thus greater likely washout impacts. Based on these investigations and associated data collected, it has been concluded that the elevated Tritium levels detected in MH-A2, as well as the proximate and downgradient monitoring wells (MW-41-40, MW-44-66, MW-45-42 and MW-46) and manhole B-1, are due to the FSB roof condensate generated while the vent fan was not operating and, as such, do not indicate a new leak from a System, Structure or Component (SSC). Moreover, the vent fan has been replaced and the subsequent data show this issue to have been rectified (see **Section 3.4.4** for further discussion).

- During 2011, the flow rate into the Unit 2 Leak Collection Device (LCD) fluctuated between approximately 0.7 and 2.5 liters/day from March 2011 to September 2011, compared to a historical baseline flow rate of <0.02 L/day. The LCD flow rate then gradually decreased to approximately 0.5 L/day by the end of Q4 2011[106]. A previous increase in the flow rate into the LCD was also measured in Q3 2010, with an average flow rate of approximately 1.5 L/day. However this increase was followed by a rapid return to baseline conditions in October 2010, and the LCD flow rate generally remained at those baseline conditions through Q1 2011.

  With the resumed increased LCD flow during the latter part of 2011, further investigations by GZA and Entergy identified a number of existing light outlet boxes, welded to the inside liner of the fuel pool, as potential locations where pool water could get through the liner during high water levels (i.e., above the designed high water level of the pool). The majority of the boxes are sourced by electrical conduits which were constructed without penetrating the liner by running the conduit along the side of the wall to the top of the fuel pool. However, for a portion of the light outlet boxes (i.e. the boxes on sides of the pool where the crane rails are located), these electrical conduits penetrate the liner and do not prohibit water from entering the annulus[107]. Following

[104] It is noted that the Tritiated water vapor evaporating from the SFP is a permitted release through the Plant Vent located atop the VC building. Analyses were conducted to account for this release to the FSB roof in the dose computations. This same Tritium has therefore been "double counted" because it is again included in the storm drain and groundwater portions of the dose computations.

[105] A MH-A2 sample was collected only 7 days after the vent fan was placed back in service (7/28/2011) and the Tritium activity in the sample was 3,140 pCi/L, approximately 30 times lower than the average Tritium activity from September 2010 to July 21, 2011. Subsequent samples showed further decreases.

[106] It is noted that the LCD flow rate increased from approximately 0.5 to 0.9 L/day between December 21, 2011 and the end of the year.

[107] At the time, it was believed that raising pool levels above the light boxes for the dry cask work was acceptable because the construction drawings showed the boxes sourced via conduits that do not penetrate the liner. Therefore, it was not clear that a transient, planned operational design overfill would pose a problem. In this regard, it is also important to note that: (1) this light outlet box-mediated release through the liner does not exist under design conditions; and (2) it does not constitute a design flaw nor indication of liner aging issues.

subsequent invasive inspections of the light boxes, it has been concluded that there is definitive indication that these boxes did contribute, at least in part, to the LCD flow rate under transient overfill conditions. This conclusion has been reached based, in part, on the observation of boron precipitate within the boxes and conduit penetrations.

Due to these investigations, the six light boxes that contain electrical conduits which penetrate the liner have been temporarily sealed and IPEC has implemented restrictions on the pool elevation during atypical operations. Entergy is also scheduling the removal of these light boxes with permanent plating/sealing of the liner so as to permanently eliminate any possible future contribution to the LCD flow rate.

Given the elevated 2010 and 2011 LCD flow rates, **Figure 6B** is included in this report to visually present both the historical LCD flow rate data and the Tritium data for the monitoring locations located within the Unit 2 Tritium plume boundaries. Review of **Figure 6B** suggests that the increased flow rates in the LCD do not correlate with trends observed in the Unit 2 monitoring locations, which further supports the conclusion that the flow into the LCD is not indicative of release of similar water into the groundwater system.

However, it is noted that the LCD flow rate remained elevated after the temporary sealing of the light boxes. This could either indicate that: (1) the temporary seals are not sufficiently robust; (2) there is an additional contributing leak in the liner; or (3) the continued 0.5 L/day flow is a residual effect, given the unknown travel time for water trapped behind the liner (prior to the repair) to migrate from the light boxes through the four-foot thick concrete wall and then into the LCD. Given the remaining uncertainty, additional liner investigations are currently being planned, and this monitoring location will be further evaluated based on additional data gathered during the upcoming quarterly monitoring rounds.

- Throughout 2011, multiple peaks in Tritium activity have been observed in the MH-5 VCFD data, where the maximum activity (12/22/2011 sample) was multiple times higher than the initial, singular Q3 2010 peak[108]. While the water collected by the MH-5 VCFD is routed to the discharge canal as a monitored release, which is directly accounted for in the dose computations, the 2011 Tritium peaks initiated an increased MH-5 VCFD sampling frequency, from quarterly to weekly. This regimen was begun in June 2011 as part of an investigation to identify the ultimate cause of these elevated Tritium levels. Based on these additional 2011 data, the Tritium peaks in MH-5 VCFD do not appear to be correlated with the recent increase in flow rate in the LCD, nor do they appear to foreshadow increases in the monitoring wells proximate to the Unit 2 SFP (see **Figure 6B)**[109]. This increased sample collection and additional investigations will continue during the subsequent quarterly monitoring rounds, with the investigation now more focused on potential process inputs such as potential Tritium contribution from plant/FSB vent condensate.
- Previously identified, more historical transient leaks more fully discussed in earlier Quarterly Reports included: (1) the additional leakage from the Unit 1 SFPs during the

[108]The Q3 2010 peak was approximately ten times the baseline Tritium activity of approximately 1000 pCi/L, but had already decreased to baseline prior to the Post-Q3 2010 sample, taken only 10 days later.

[109]Review of **Figure 6B,** which includes four additional quarters of data (relative to that presented in the previous Q4 2010 report), demonstrates that the Tritium peaks observed in MH-5 VCFD (as well as those observed in the proximate the monitoring wells) are not convincingly correlated with the increased flow rates in the LCD. Therefore, the conjecture that these data were potentially correlated, as hypothesized in both the Q3 and Q4 2010 reports, appears to be less likely the case given the additional data. As such, the Tritium peaks observed in the monitoring point data, particularly that from MW-31 and MW-32, appear to be more likely the result of the subsequently discussed transient surfaces spills, as well as the Retention Mechanisms(see above).

2008 defueling operations; (2) the transient leakage from the distillation tank valves in Q1 2009; and (3) the Q4 2009 RWST/R.O. processing skid surface spill. These transient releases have generally migrated through the groundwater flow system and have nearly fully dissipated:

- Based on past work, additional leakage was expected during the raising of water levels in the Unit 1 SFPs for final fuel removal to ISFSI storage. Unit 1 SFPs leakage was terminated with the drainage and sealing of the pools. This previous, transient leakage was initially verified as pronounced increases in Strontium and Cesium in the monitoring locations closest to Unit 1. These near-pool locations have since decreased below the pre-defueling levels, and downgradient locations have generally decreased to, or are currently approaching, pre-defueling levels. However, additional Strontium increases have recently been observed in a few monitoring installations farther downgradient, possibly related to delayed inputs from Retention Mechanism(s). Sampling intervals within the river boundary wells are also exhibiting general increases in Strontium activity during 2011 as this transient input migrates through the system. The transient Strontium behavior at individual U1 monitoring locations is provided in **Figure 7A**, and discussed more fully in **Section 3.5.2**.
- The Q1 2009 leakage from the distillation tank valves was independently[110] identified based on an increase in Tritium levels in monitoring installation MW-42 proximate to the tanks, and subsequent increases in downgradient wells (MW-53-82, U1-CSS, and MW-50-42). These valves were immediately repaired and the leakage was terminated. Based on the observed data trends, it appears that the Tritium input into the groundwater flow regime from the waste distillation tank valving leak has generally dissipated through the system[111]. However, additional potential impacts of this release via the Retention Mechanism(s) will be specifically evaluated during subsequent monitoring rounds.
- Due to a transient surface spill from a rental RWST/R.O. skid, Tritium I.L.s were exceeded in a number of upgradient Unit 2 monitoring locations from Q1 2010 to Q3 2010, and additional exceedances were noted in further downgradient installations as the Tritium-laden groundwater migrated downgradient. IPEC conducted investigations into the cause of these Tritium increases, which identified the Q4 2009 RWST/R.O. skid spill as the likely source (see **Section 3.4.4**). This Tritium release was transient and quickly eliminated. As expected, the Tritium activity in many of the upgradient locations decreased to below the I.L. relatively quickly (prior to the Q4 2010 quarterly monitoring round). Furthermore, monitoring wells located further downgradient also decreased below I.L s during 2011. Based on the observed data trends in Q3 2011 and Q4 2011, it appears that the Tritium input into the local groundwater flow regime from the transient RWST/R.O. processing skid has generally dissipated through the system. However, future releases from the storage/Retention Mechanism(s), replenished by this spill and historical SFP leaks, could create additional perturbations in Unit 2 Tritium levels.

[110] The valve leakage was initially identified during routine visual inspection rounds and immediately terminated. Given that the leak was within the Unit 1 FSB structure, it was documented in a Condition Report under Entergy's Corrective Action Program. This valve leak and repair subsequently came to light within the GPI program during investigations into the cause of the abrupt increase in Tritium levels in MW-42. Additional emphasis has therefore been placed on routine review of these reports as they potentially relate to GPI objectives.

[111] Additional portions of these releases likely remain above the water table in the release area as recharge to the various Retention Mechanisms. This additional unsaturated zone source recharge will likely be manifested in the future as additional non-specific peaks in radionuclide levels due to episodic releases to the groundwater flow regime from these mechanisms (e.g., from intense/prolonged precipitation events).

These data support the validity of the current CSM for use as a basis for Long Term Monitoring Program design. It is further noted that, while a portion of the above five documented localized release events[112] traveled directly to the saturated groundwater regime and resulted in the observed transient "peaks" in radionuclide levels, additional portions of these releases likely remain above the water table as recharge to the various Retention Mechanisms. This additional unsaturated zone source recharge will likely be manifested in the future as additional non-specific peaks in radionuclide levels due to episodic releases to the groundwater flow regime from these mechanisms (e.g., from intense/prolonged precipitation events).

- From both qualitative and quantitative perspectives, the overall quarterly monitoring data sets from 2011 support the conclusion that the overall Tritium activity in the Unit 2 plume has decreased substantially since termination of the identified Unit 2 SFP leaks. These overall reductions have become particularly evident on **Figures 6** and **6A** of the more recent quarterly reports where the shaded plume[113] no longer extends to the river, as it did prior to Q2 2009. It is further visually evident from **Figure 6A** that the core of the plume (with quarterly rolling average activities greater than 100,000 pCi/L and 2007 bounding core activities greater than 250,000 pCi/L) has also shown a marked decrease in activity and extent. The total Tritium plume activity has also reestablished an overall decreasing trend in the past two quarters (Q3 2011 and Q4 2011) as the transient RWST/R.O. surface spill has generally dissipated through the system (see **Figure G-17**). Based on the data and analyses provided above, our conclusion is that the Tritium plume associated with the historical leaks in the Unit 2 SFP has undergone long-term, overall reductions in activity which are consistent with Monitored Natural Attenuation (MNA), the remedial technology selected for the IPEC Site. Given this conclusion, and the recognition that Entergy has terminated all identified leaks in the Unit 2 SFP that are impacting the groundwater system[114], this Unit 2 Tritium plume satisfies the requirements for Monitored Natural Attenuation.
- The overall Strontium activity within the Unit 1 plume had generally been stable or decreasing in response to West Pool demineralization conducted by Entergy beginning in 2006. However, the final defueling of the Unit 1 SFPs resulted in an initial, noticeable increase, followed by a subsequent and commensurate decrease, in Strontium levels proximate to the SFPs, with later increases in the downgradient Strontium levels (see

[112] These transient events included: the increased Unit 1 SFPs leakage during defueling, the Unit 1 Distillate Tank Valve leak, the Unit 2 RWST R.O. skid spill, the Unit 3 FSB roof condensate input into manhole A2 and the Unit 1 CSB Sample Sink Overflow.

[113] The plume shading on **Figure 6** demarks the estimated boundary that separates Tritium levels greater than 5,000 pCi/L from those below this value, and provides a reasonable demarcation level for illustrating plume geometry and temporal variation. Although this value equates to one-quarter of the drinking water standard for Tritium, GZA emphasizes that drinking water standards (USEPA MCLs) do not apply to the IPEC property given that there are no drinking water sources on or proximate to the site. Where yearly rolling average radionuclide activity data were available for multiple depths at a given location, GZA used the highest value to develop plume delineations. This is a typical approach to represent three-dimensional contaminant data sets on two-dimensional maps.

[114] In addition to the more current data, further justification for this conclusion can be found in Section 3.6 of the Q1 2009 Quarterly Monitoring Report as well as the Hydrogeologic Site Investigation Report. The Q1 2009 Report summarizes additional, more quantitative analyses which were completed to further investigate the integrity of the Unit 2 SFP. These analyses provide further support for the conclusion that the Unit 2 SFP is no longer releasing Tritium to the groundwater system. However, given the more recent behavior observed in the Unit 2 LCD and MH-5 VCFD data, additional investigations/data evaluations are underway. In this regard, it is noted that these analyses cannot definitively and completely rule out the possibility of a remaining small Unit 2 SFP leak which could then also be supplying Tritium to the groundwater flow regime in addition to the Retention Mechanism(s) and surface spill from the process skid discussed above. While it is not possible to quantify the size of the minimum detectable leak with any degree of certainty, we believe that the maximum leak rate from the Unit 2 SFP that could potentially remain undetected by the groundwater monitoring system is less than 10 to 30 gpd (0.007 to 0.021 gallons per minute). It is also likely that if a small leak exists in the Unit 2 SFP liner, it should not get worse with time, as based on liner evaluations previously conducted by Entergy. It is further emphasized that while a leak of greater than 0.02 gallons per minute should be large enough to be readily detectable with the existing Long Term Monitoring Program; this amount of Tritium release to the river is still small compared to permitted levels of Tritium discharge to the river through the Discharge Canal.

Figure 7 and **7A**). This is as was predicted given the requirement to temporarily raise the pool levels for fuel rod removal, thus increasing leakage rate from the SFPs[115]. As anticipated, the levels proximate to the pool have decreased, recently falling to activities approximately 85-98% lower than the average pre-defueling Strontium levels. Levels further downgradient of the pools are generally showing continued decreases as this additional Strontium-contaminated water flushes through the groundwater flow system. It is expected that this flushing mechanism will be protracted given the aforementioned impact of partitioning on Strontium levels in the groundwater and potential future inputs from Retention Mechanism(s). However, over time it is expected that Strontium levels in more downgradient wells will also exhibit overall downward trends to values below pre-defueling levels. From an overall perspective, as based on the data through Q4 2011, the total Strontium activity in the Unit 1 plume has decreased by approximately 68% since the completion of the Unit 1 SFPs defueling operations, and has decreased by approximately 20% when compared to pre-defueling conditions. All indications are that the Unit 1 Strontium plume will continue to dissipate given that the SFPs Strontium source has been terminated. Given this conclusion and the recognition that Entergy has terminated all identified leaks in the Unit 1 SFPs through decommissioning, the Unit 1 Strontium plume satisfies the requirements for Monitored Natural Attenuation.

- The above conclusions are continually reassessed on a quarterly basis as new data becomes available. In particular, the current LCD flow rates and the elevated MH-5 VCFD Tritium activity have both initiated additional investigations. Even though increased flow rates have recently been observed in the LCD[116], no unexplained, recent 2011 Tritium peaks have been observed in the proximate Unit 2 monitoring installations. Therefore, the current data continues to suggest that no new, unidentified SFP leaks are releasing Tritium to the groundwater system.
- The amount of radionuclides being released through the groundwater pathway, even with the somewhat increased Tritium levels currently observed due to the residual RWST/R.O. skid transient surface spill impacts, the more recent Unit 1 CSB Sample Sink Overflow and the manhole A2 release, is still small compared to permitted levels of radionuclides discharged to the river through the Discharge Canal.

[115] As of late 2008, all the fuel rods have been removed from the Unit 1 SFPs and the pool water has been drained. As such, the Unit 1 SFPs is no longer an active source of radionuclides to the subsurface.
[116] All of the water collected by the LCD is fully contained and does not enter the groundwater regime.

TABLES

TABLE 1
GROUNDWATER SAMPLING METHODS, EQUIPMENT, FREQUENCY AND DEPTHS
INDIAN POINT ENGERGY CENTER
BUCHANAN, NY

Well ID[1]	Sampling Method	Sampling Equipment Used	Projected 2012 Sampling Frequency[2]	SAMPLING INTERVAL[3]				SAMPLING DEPTH[4]	
				Ft Below Top of Casing		Elevation in Feet msl			
				Top	Bottom	Top	Bottom	Feet Below TOC	Elevation in Feet msl
MW-30-69	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	67.3	71.3	8.4	4.4	69.3	6.4
MW-30-84	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	77.3	85.4	-1.6	-9.7	83.8	-8.1
MW-31-49	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	34.8	49.3	40.8	26.3	48.8	26.8
MW-31-63	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	55.3	63.8	20.3	11.8	63.3	12.3
MW-31-85	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	69.8	85.4	5.8	-9.8	84.8	-9.2
MW-32-59	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	28.3	61.3	48.8	15.8	58.8	18.3
MW-32-85	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	79.3	92.8	-2.2	-15.7	85.3	-8.2
MW-32-131	Waterloo Low Flow	Waterloo Multilevel System	Inactive	125.8	138.3	-48.7	-61.2	130.8	-53.7
MW-32-149	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	125.8	156.8	-48.7	-79.7	149.3	-72.2
MW-32-173	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	165.8	174.3	-88.7	-97.2	172.8	-95.7
MW-32-190	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	180.3	193.9	-103.2	-116.8	190.3	-113.2
MW-33	Low Flow	Peristaltic Pump	Annually	8.0	30.0	10.6	-11.4	16	2.6
MW-34	Low Flow	Peristaltic Pump	Inactive	5.0	30.0	13.1	-11.9	16.5	1.6
MW-35	Low Flow	Peristaltic Pump	Annually	6.5	30.0	11.9	-11.6	15	3.4
MW-36-24[5]	Low Flow	Peristaltic Pump	Quarterly	11.0	24.0	0.6	-12.4	17	-5.4
MW-36-41	Low Flow	Peristaltic Pump	Inactive	36.0	41.0	-24.3	-29.3	37.0	-25.3
MW-36-52	Low Flow	Peristaltic Pump	Quarterly	48.0	53.0	-36.3	-41.3	50	-38.3
MW-37-22	Low Flow	Peristaltic Pump	Quarterly	12.0	22.0	2.9	-7.2	17	-2.2
MW-37-32	Low Flow	Peristaltic Pump	Quarterly	28.0	32.5	-13.2	-17.7	29.0	-14.2
MW-37-40	Low Flow	Peristaltic Pump	Quarterly	38.5	40.5	-23.7	-25.7	39.0	-24.2
MW-37-57	Low Flow	Peristaltic Pump	Quarterly	52.0	57.0	-37.2	-42.2	55.0	-40.2
MW-38	Low Flow	Peristaltic Pump	Inactive	5.0	40.0	9.0	-26.0	25.4	-11.4
MW-39-67	Waterloo Low Flow	Waterloo Multilevel System	Semi-Annually	65.0	70.5	15.0	9.5	67.0	13.0
MW-39-84	Waterloo Low Flow	Waterloo Multilevel System	Semi-Annually	76.5	85.0	3.5	-5.0	83.5	-3.5
MW-39-102	Waterloo Low Flow	Waterloo Multilevel System	Semi-Annually	93.0	103.0	-13.0	-23.0	101.5	-21.5
MW-39-124	Waterloo Low Flow	Waterloo Multilevel System	Semi-Annually	115.0	126.5	-35.0	-46.5	124.0	-44.0
MW-39-183	Waterloo Low Flow	Waterloo Multilevel System	Semi-Annually	169.5	186.0	-89.5	-106.0	182.5	-102.5
MW-39-195	Waterloo Low Flow	Waterloo Multilevel System	Semi-Annually	193.0	198.6	-113.0	-118.6	195.0	-115.0
MW-40-27	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	18.2	35.2	55.0	38.0	26.7	46.5
MW-40-46	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	44.2	53.7	29.0	19.5	46.2	27.0
MW-40-81	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	64.7	84.2	8.5	-11.0	80.7	-7.5
MW-40-100	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	93.2	106.7	-20.0	-33.5	100.2	-27.0
MW-40-127	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	125.2	136.7	-52.0	-63.5	127.2	-54.0
MW-40-162	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	158.7	190.3	-85.5	-117.1	161.7	-88.5
MW-41-40	Low Flow	Peristaltic Pump	Quarterly	22.0	42.0	32.1	12.1	36.0	18.1
MW-41-63	Modified Well Vol. Purge	Waterra Pump	Quarterly	59.0	64.0	-4.9	-9.9	61.0	-6.9
MW-42-49	Modified Well Vol. Purge	Submersible Pump	Quarterly	31.0	51.0	38.4	18.4	41.0	28.4
MW-42-78	Modified Well Vol. Purge	Waterra Pump	Quarterly	69.0	79.0	0.5	-9.5	74.0	-4.5
MW-43-28	Low Flow	Submersible Pump	Quarterly	8.0	28.0	40.0	20.0	23.0	25.0
MW-43-62	Low Flow	Submersible Pump	Quarterly	42.0	62.0	5.8	-14.2	54.0	-6.2
MW-44-66	Modified Well Vol. Purge	Submersible Pump	Quarterly	52.0	67.0	41.0	26.0	63.0	30.0
MW-44-102	Modified Well Vol. Purge	Waterra Pump	Quarterly	79.0	104.0	14.1	-10.9	80.0	13.1
MW-45-42	Modified Well Vol. Purge	Peristaltic Pump	Quarterly	27.5	42.5	25.7	10.7	37.0	16.2
MW-45-61	Modified Well Vol. Purge	Peristaltic Pump	Quarterly	51.5	61.5	1.7	-8.3	58.0	-4.8
MW-46	Modified Well Vol. Purge	Submersible Pump	Quarterly	6.0	30.0	11.0	-13.0	10.5	6.5
MW-47-56	Low Flow	Submersible Pump	Inactive	36.0	56.0	33.8	13.8	52.0	17.8
MW-47-80	Modified Well Vol. Purge	Waterra Pump	Inactive	70.0	80.0	-0.3	-10.3	72.0	-2.3

See Page 3 for Notes

TABLE 1
GROUNDWATER SAMPLING METHODS, EQUIPMENT, FREQUENCY AND DEPTHS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	Sampling Method	Sampling Equipment Used	Projected 2012 Sampling Frequency[2]	SAMPLING INTERVAL[3]				SAMPLING DEPTH[4]	
				Ft Below Top of Casing		Elevation in Feet msl			
				Top	Bottom	Top	Bottom	Feet Below TOC	Elevation in Feet msl
MW-48-23	Low Flow	Peristaltic Pump	Inactive	8.0	23.0	6.8	-8.2	15.8	-1.0
MW-48-37	Low Flow	Peristaltic Pump	Inactive	33.0	38.0	-17.8	-22.8	35.8	-20.6
MW-49-26	Low Flow	Peristaltic Pump	Quarterly	15.0	25.0	-0.8	-10.8	20.0	-5.8
MW-49-42	Low Flow	Peristaltic Pump	Quarterly	32.0	42.0	-17.8	-27.8	37.0	-22.8
MW-49-65	Low Flow	Peristaltic Pump	Quarterly	60.0	65.0	-45.5	-50.5	61.0	-46.5
MW-50-42	Low Flow	Peristaltic Pump	Quarterly	22.0	42.0	-7.6	-27.6	27.0	-12.6
MW-50-66	Low Flow	Peristaltic Pump	Quarterly	62.0	67.0	-47.4	-52.4	60.0	-45.4
MW-51-40	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	29.7	44.2	38.0	23.5	39.7	28.0
MW-51-79	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	63.2	81.2	4.5	-13.5	78.7	-11.0
MW-51-104	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	101.2	111.2	-33.5	-43.5	103.7	-36.0
MW-51-135	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	130.2	143.7	-62.5	-76.0	135.2	-67.5
MW-51-163	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	154.7	166.2	-87.0	-98.5	162.7	-95.0
MW-51-189	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	184.2	197.8	-116.5	-130.1	189.2	-121.5
MW-52-11	Modified Well Vol. Purge	Peristaltic Pump	Annually	2.0	12.0	12.9	2.9	10.0	4.9
MW-52-18	Waterloo Low Flow	Waterloo Multilevel System	Annually	10.0	30.0	4.9	-15.1	17.5	-2.6
MW-52-48	Waterloo Low Flow	Waterloo Multilevel System	Annually	48.0	56.0	-33.1	-41.1	48.0	-33.1
MW-52-64	Waterloo Low Flow	Waterloo Multilevel System	Annually	59.0	71.5	-44.1	-56.6	64.0	-49.1
MW-52-122	Waterloo Low Flow	Waterloo Multilevel System	Annually	110.5	123.5	-95.6	-108.6	122.0	-107.1
MW-52-162	Waterloo Low Flow	Waterloo Multilevel System	Annually	154.5	164.0	-139.6	-149.1	161.5	-146.6
MW-52-181	Waterloo Low Flow	Waterloo Multilevel System	Annually	171.0	198.1	-156.1	-183.2	181.0	-166.1
MW-53-82	Low Flow	Submersible Pump	Quarterly	62.0	82.0	7.9	-12.1	75.0	-5.1
MW-53-120	Modified Well Vol. Purge	Waterra Pump	Quarterly	100.0	120.0	-29.8	-49.8	105.0	-34.8
MW-54-37	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	29.0	42.0	-15.9	-28.9	36.5	-23.4
MW-54-58	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	51.5	64.0	-38.4	-50.9	57.5	-44.4
MW-54-123	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	116.0	126.0	-102.9	-112.9	123.0	-109.9
MW-54-144	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	135.0	155.5	-121.9	-142.4	144.0	-130.9
MW-54-173	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	170.5	182.0	-157.4	-168.9	172.5	-159.4
MW-54-190	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	185.0	203.6	-171.9	-190.5	190.0	-176.9
MW-55-24	Low Flow	Peristaltic Pump	Quarterly	14.0	24.0	3.8	-6.2	16.0	1.8
MW-55-35	Low Flow	Peristaltic Pump	Quarterly	30.0	35.0	-12.2	-17.2	32.0	-14.2
MW-55-54	Low Flow	Peristaltic Pump	Quarterly	44.0	54.0	-26.2	-36.2	47.0	-29.2
MW-56-53	Modified Well Vol. Purge	Submersible Pump	Semi-Annually	49.2	54.2	20.1	15.1	52.0	17.3
MW-56-83	Modified Well Vol. Purge	Waterra Pump	Semi-Annually	69.9	84.9	-0.7	-15.7	74.0	-4.8
MW-57-11	Modified Well Vol. Purge	Peristaltic Pump	Annually	6.0	11.0	8.7	3.7	10.0	4.7
MW-57-20	Modified Well Vol. Purge	Peristaltic Pump	Annually	15.5	20.5	-0.8	-5.8	19.0	-4.3
MW-57-45	Modified Well Vol. Purge	Peristaltic Pump	Annually	30.5	45.5	-15.7	-30.7	40.0	-25.2
MW-58-26	Low Flow	Peristaltic Pump	Semi-Annually	16.0	26.0	-1.8	-11.8	20.0	-5.8
MW-58-65	Low Flow	Peristaltic Pump	Semi-Annually	50.0	65.0	-35.8	-50.8	54.0	-39.8
MW-59-32	Low Flow	Peristaltic Pump	Inactive	21.0	31.0	-6.6	-16.6	27.0	-12.6
MW-59-45	Low Flow	Peristaltic Pump	Inactive	35.0	45.0	-21.1	-31.1	42.0	-28.1
MW-59-68	Low Flow	Peristaltic Pump	Inactive	53.0	68.0	-38.8	-53.8	58.0	-43.8
MW-60-35	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	24.9	39.4	-12.4	-26.9	34.9	-22.4
MW-60-53	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	45.4	59.4	-32.9	-46.9	53.4	-40.9
MW-60-72	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	66.4	78.9	-53.9	-66.4	72.4	-59.9
MW-60-135	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	124.9	141.4	-112.4	-128.9	134.9	-122.4
MW-60-154	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	147.4	164.9	-134.9	-152.4	154.4	-141.9
MW-60-176	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	170.9	200.4	-158.4	-187.9	175.9	-163.4

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TABLE 1
GROUNDWATER SAMPLING METHODS, EQUIPMENT, FREQUENCY AND DEPTHS
INDIAN POINT ENGERGY CENTER
BUCHANAN, NY

Well ID[1]	Sampling Method	Sampling Equipment Used	Projected 2012 Sampling Frequency[2]	SAMPLING INTERVAL[3]				SAMPLING DEPTH[4]	
				Ft Below Top of Casing		Elevation in Feet msl			
				Top	Bottom	Top	Bottom	Feet Below TOC	Elevation in Feet msl
MW-62-18	Low Flow	Peristaltic Pump	Quarterly	4.7	14.7	8.1	-1.9	13.5	-0.7
MW-62-37	Low Flow	Peristaltic Pump	Quarterly	33.3	38.3	-20.5	-25.5	34.5	-21.7
MW-62-53	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	49.6	54.1	-36.8	-41.3	53.1	-40.3
MW-62-71	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	61.1	82.6	-48.3	-69.8	71.1	-58.3
MW-62-92	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	88.6	99.1	-75.8	-86.3	91.6	-78.8
MW-62-138	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	126.1	143.6	-113.3	-130.8	138.1	-125.3
MW-62-182	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	177.6	198.7	-164.8	-185.9	182.1	-169.3
MW-63-18	Low Flow	Peristaltic Pump	Quarterly	8.0	18.0	5.1	-4.9	14.9	-1.8
MW-63-34	Low Flow	Peristaltic Pump	Quarterly	30.0	35.0	-16.9	-21.9	31.5	-18.4
MW-63-50	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	41.5	58.0	-29.2	-45.7	49.5	-37.2
MW-63-93	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	81.5	100.5	-69.2	-88.2	93.0	-80.7
MW-63-112	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	106.5	112.0	-94.2	-99.7	111.5	-99.2
MW-63-121	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	118.0	127.5	-105.7	-115.2	121.0	-108.7
MW-63-163	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	150.5	165.0	-138.2	-152.7	162.5	-150.2
MW-63-174	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	168.0	191.1	-155.7	-178.8	174.0	-161.7
MW-66-21	Modified Well Vol. Purge	Peristaltic Pump	Quarterly	7.0	27.0	6.4	-13.6	14.1	-0.7
MW-66-36	Modified Well Vol. Purge	Peristaltic Pump	Quarterly	31.0	36.0	-17.6	-22.6	33.6	-20.2
MW-67-39	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	28.8	54.3	-15.9	-41.4	38.3	-25.4
MW-67-105	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	90.3	110.8	-77.4	-97.9	104.8	-91.9
MW-67-173	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	164.8	188.3	-151.9	-175.4	172.3	-159.4
MW-67-219	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	209.3	229.8	-196.4	-216.9	218.8	-205.9
MW-67-276	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	250.8	281.3	-237.9	-268.4	275.3	-262.4
MW-67-323	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	317.8	328.3	-304.9	-315.4	322.3	-309.4
MW-67-340	Waterloo Low Flow	Waterloo Multilevel System	Quarterly	335.3	347.9	-322.4	-335.0	339.8	-326.9
MW-107	Low Flow	Submersible Pump	Annually	105.1	126.1	37.7	16.7	32.7	110.1
MW-111	Low Flow	Peristaltic Pump	Semi-Annually	11.6	17.4	6.8	1.0	16.5	1.9
U3-4S	Low Flow	Peristaltic Pump	Quarterly	7.4	17.4	6.5	-3.5	15.5	-1.6
U3-4D	Modified Well Vol. Purge	Peristaltic Pump	Quarterly	25.0	27.6	-10.5	-13.1	25.6	-11.1
U3-T1	Low Flow	Peristaltic Pump	Quarterly	0.2	1.2	8.3	7.3	5.7	2.8
U3-T2	Low Flow	Peristaltic Pump	Quarterly	0.6	1.6	7.9	6.9	5.7	2.8
U1-CSS	Low Flow	Peristaltic Pump	Semi-Annually	NA	10.2	NA	9.9	14.0	6.1
LAF-002	Low Flow	NA	Semi-Annually	NA	NA	NA	NA	NA	-22.3
I-2	Modified Well Vol. Purge	Submersible Pump	Annually	30.1	40.1	52.1	42.1	40.0	42.2
U1-NCD	Grab	NA	Quarterly	NA	NA	NA	NA	NA	NA
U1-SFDS	Grab	NA	Quarterly	NA	NA	NA	NA	NA	NA
MH-5 VCFD[6]	Grab	NA	Quarterly	NA	NA	NA	NA	NA	NA
B-1[6]	Grab	NA	Quarterly	NA	NA	NA	NA	NA	NA
B-6[6]	Grab	NA	Quarterly	NA	NA	NA	NA	NA	NA

Notes:

1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. Projected sampling frequencies presented for 2012 are subject to change.
3. For nested multi-level montoring wells, interval includes well screen and sand pack. For Waterloo multi-level systems, interval includes open wellbore between bottom of 1st packer above and top of 1st packer below sampling port. For open bedrock wellbores, interval extends from bottom of casing to bottom of hole.
4. Sampling depths within sampling intervals (i.e. location of pump intake) have been located adjacent to a transmissive zone where possible.
5. Dot pattern denotes sampling interval is positioned within overburden. Open box indicates sampling interval is in bedrock.
6. These locations are storm drains or foundation drains.

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TABLE 2
HISTORIC QUARTERLY LOW TIDE GROUNDWATER ELEVATIONS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID	LOW RIVER TIDE GROUNDWATER ELEVATIONS (Feet msl)																		
	Quarter 2[1], 2007	Quarter 3[2], 2007	Quarter 4[3], 2007	Quarter 1[4], 2008	Quarter 2[5], 2008	Quarter 3[6], 2008	Quarter 4[7], 2008	Quarter 1[8], 2009	Quarter 2[9], 2009	Quarter 3[10,11], 2009	Quarter 4[12], 2009	Quarter 1[13], 2010	Quarter 2[14], 2010	Quarter 3[15], 2010	Quarter 4[16], 2010	Quarter 1[17], 2011	Quarter 2[18], 2011	Quarter 3[19], 2011	Quarter 4[20], 2011
HR-1	NA	-0.86	-1.57	-2.15	-1.13	-1.05	-1.69	-3.28	-1.52	-0.27	-3.59	-0.36	-0.56	-0.71	NA	NA	-1.14	-0.89	-1.51
I-2	50.23	48.62	51.87	53.73	52.11	52.90	50.75	NA	NA	NA	51.69	52.46	53.33	50.49	NA	50.74	53.62	54.07	51.05
MW-30-69	11.83	11.53	12.00	NA	12.28	11.77	11.71	12.33	11.84	13.76	NA	NA	NA	NA	11.56	11.23	12.18	13.16	11.71
MW-30-84	12.77	12.47	12.83	NA	13.06	12.68	12.36	13.13	12.82	12.48	12.27	13.26	12.76	11.31	12.32	12.29	NA	NA	NA
MW-31-49	44.09	NA	45.40	47.50	46.14	45.39	44.13	46.44	45.40	-	-	-	-	-	-	-	-	-	-
MW-31-63	41.56	NA	42.71	45.52	43.96	42.17	41.21	44.12	43.20	-	-	-	-	-	-	-	-	-	-
MW-31-85	39.59	NA	40.81	43.19	41.89	40.58	39.64	42.10	40.64	-	-	-	-	-	-	-	-	-	-
MW-32-48	NA	42.12	46.73	48.81	47.77	46.98	45.79	48.08	47.31	-	-	-	-	-	-	-	-	-	-
MW-32-59	NA	41.44	45.99	47.99	46.75	45.72	44.48	46.83	45.62	-	-	-	-	-	-	-	-	-	-
MW-32-85 (MW-32-92)[21]	10.27	12.35	12.78	13.30	13.17	12.30	12.16	12.60	11.61	-	-	-	-	-	-	-	-	-	-
MW-32-131 (MW-32-140)[21]	13.11	11.96	13.21	25.01	15.67	11.34	11.53	11.86	11.06	-	-	-	-	-	-	-	-	-	-
MW-32-149 (MW-32-165)[21]	8.18	9.87	10.06	10.20	10.04	9.71	9.77	10.00	9.18	-	-	-	-	-	-	-	-	-	-
MW-32-173	NA	9.73	9.86	9.92	9.70	9.45	9.45	9.68	8.81	-	-	-	-	-	-	-	-	-	-
MW-32-190 (MW-32-196)[21]	6.74	8.05	7.88	7.88	7.52	7.16	7.05	7.24	6.26	-	-	-	-	-	-	-	-	-	-
MW-33	10.08	9.80	10.38	11.49	11.66	10.55	10.60	11.23	10.52	-	-	-	-	-	-	-	-	-	-
MW-34	9.87	9.82	10.44	11.63	12.03	10.54	10.54	11.25	6.71	-	-	-	-	-	-	-	-	-	-
MW-35	10.03	9.67	10.37	11.65	12.06	10.68	10.68	11.36	NA	-	-	-	-	-	-	-	-	-	-
MW-36-24	8.89	7.31	7.67	6.85	6.86	7.58	9.05	NA	7.25	-	-	-	-	-	-	-	-	-	-
MW-36-41	8.22	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-
MW-36-52	7.43	6.43	6.45	6.42	6.29	6.99	7.45	8.12	6.62	-	-	-	-	-	-	-	-	-	-
MW-37-22	5.51	5.15	4.83	4.66	4.18	5.36	5.55	4.45	5.24	-	-	-	-	-	-	-	-	-	-
MW-37-32	5.51	5.07	4.82	4.63	4.05	5.36	5.64	4.55	5.32	-	-	-	-	-	-	-	-	-	-
MW-37-40	5.40	6.83	6.19	6.17	5.95	6.18	6.04	5.46	6.19	-	-	-	-	-	-	-	-	-	-
MW-37-57	7.07	6.23	6.39	6.28	6.07	6.64	7.20	6.50	6.56	-	-	-	-	-	-	-	-	-	-
MW-38	3.01	2.19	1.46	2.22	1.53	2.12	1.22	NA	2.24	-	-	-	-	-	-	-	-	-	-
MW-39-67	NA	NA	26.84	32.20	31.69	25.96	25.21	28.74	NA	-	-	-	-	-	-	-	-	-	-
MW-39-84	NA	NA	26.64	31.94	31.48	25.78	25.12	28.62	NA	-	-	-	-	-	-	-	-	-	-
MW-39-100	NA	NA	26.38	30.99	31.34	25.52	24.79	28.32	NA	-	-	-	-	-	-	-	-	-	-
MW-39-102	NA	NA	26.31	31.56	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-
MW-39-124	NA	NA	26.05	28.37	30.67	25.07	24.43	27.74	NA	-	-	-	-	-	-	-	-	-	-
MW-39-183	NA	NA	25.28	29.74	29.83	22.33	23.79	26.78	NA	-	-	-	-	-	-	-	-	-	-
MW-39-195	NA	NA	24.36	28.80	28.89	23.35	22.70	25.63	NA	-	-	-	-	-	-	-	-	-	-
MW-40-27	NA	NA	55.46	60.39	59.99	54.70	54.22	59.53	57.25	58.75	55.71	59.08	59.86	52.85	NA	56.35	58.88	51.14	53.88
MW-40-46	NA	47.27	53.19	59.35	59.09	52.57	52.35	59.13	56.56	-	-	-	-	-	-	-	-	-	-
MW-40-81	NA	41.65	47.45	56.06	55.78	47.28	46.83	55.67	53.13	-	-	-	-	-	-	-	-	-	-
MW-40-100	NA	39.47	45.18	54.10	53.75	44.83	44.32	53.59	51.24	-	-	-	-	-	-	-	-	-	-
MW-40-127	NA	38.89	44.60	53.61	53.39	44.33	43.87	53.29	50.59	-	-	-	-	-	-	-	-	-	-
MW-40-162	NA	36.67	41.09	50.49	50.26	41.32	40.66	49.76	46.80	48.42	42.85	49.55	50.03	38.96	44.88	45.00	50.64	50.68	NA
MW-41-40	29.87	NA	32.48	36.57	33.81	31.28	30.71	33.62	32.05	-	-	-	-	-	-	-	-	-	-
MW-41-63	25.94	NA	27.77	33.31	32.76	27.53	26.96	30.38	28.39	-	-	-	-	-	-	-	-	-	-
MW-42-49	NA	NA	34.55	34.96	34.81	34.52	34.43	34.78	34.47	-	-	-	-	-	-	-	-	-	-
MW-42-78	NA	NA	35.71	36.63	36.28	35.38	35.07	36.03	35.75	-	-	-	-	-	-	-	-	-	-
MW-43-28	32.75	31.08	31.98	33.47	33.95	32.51	32.15	33.43	32.54	32.66	NA	NA	34.23	37.14	31.95	37.47	NA	NA	NA
MW-43-62	30.83	NA	NA	NA	32.16	30.48	31.76	34.13	30.88	NA	30.28	32.00	32.00	30.20	31.50	31.43	31.61	32.84	31.33
MW-44-67	33.36	NA	34.36	37.99	35.47	35.29	34.00	34.96	34.50	-	-	-	-	-	-	-	-	-	-
MW-44-102	23.10	NA	24.84	NA	30.88	25.86	25.16	28.09	27.41	-	-	-	-	-	-	-	-	-	-
MW-45-42	NA	24.82	28.47	34.19	37.16	28.63	25.45	32.02	29.03	-	-	-	-	-	-	-	-	-	-
MW-45-61	NA	24.33	27.57	32.91	32.46	27.16	26.68	29.99	23.25	-	-	-	-	-	-	-	-	-	-
MW-46	12.80	11.95	12.57	15.05	14.97	12.62	12.81	14.29	12.47	12.83	NA	NA	16.49	12.45	13.22	13.01	13.21	14.56	11.21
MW-47-56	21.83	20.77	23.05	27.76	31.53	22.84	22.37	26.51	23.43	-	-	-	-	-	-	-	-	-	-
MW-47-80	22.29	21.41	21.82	26.53	28.35	21.52	21.08	26.37	24.18	-	-	-	-	-	-	-	-	-	-
MW-48-23	-0.08	-0.27	-0.39	-1.14	-0.23	-0.18	-0.48	-0.91	-0.19	-	-	-	-	-	-	-	-	-	-
MW-48-37	0.64	0.26	-0.06	-0.18	0.32	0.06	-0.15	-0.50	0.04	-	-	-	-	-	-	-	-	-	-
MW-49-26	1.04	NA	-0.37	-0.62	0.51	0.37	0.49	-0.25	0.54	-	-	-	-	-	-	-	-	-	-
MW-49-42	0.31	0.90	0.40	-0.44	0.92	1.02	0.68	-0.06	0.51	-	-	-	-	-	-	-	-	-	-
MW-49-65	0.89	1.01	0.34	0.07	0.70	0.68	0.47	-0.08	0.57	-	-	-	-	-	-	-	-	-	-
MW-50-42	7.24	NA	NA	NA	5.24	6.40	7.06	5.66	6.09	-	-	-	-	-	-	-	-	-	-
MW-50-66	3.71	NA	NA	1.97	2.24	2.83	2.34	1.95	2.82	-	-	-	-	-	-	-	-	-	-
MW-51-40	NA	48.69	50.07	51.95	52.35	49.44	49.24	49.32	45.15	46.45	42.45	43.37	41.72	41.89	41.24	41.25	NA	NA	42.57
MW-51-79	NA	39.92	41.07	42.91	44.17	40.71	40.36	42.75	42.15	-	-	-	-	-	-	-	-	-	-
MW-51-102	NA	35.98	38.07	38.46	39.04	36.56	36.17	38.18	37.78	-	-	-	-	-	-	-	-	-	-
MW-51-104	NA	NA	37.93	38.41	39.02	36.49	36.03	37.99	37.49	-	-	-	-	-	-	-	-	-	-
MW-51-135	NA	37.42	39.47	39.99	40.71	38.10	37.68	39.75	39.34	-	-	-	-	-	-	-	-	-	-
MW-51-163	NA	33.79	34.83	36.15	36.77	34.30	33.90	35.74	35.44	-	-	-	-	-	-	-	-	-	-
MW-51-189	NA	29.33	30.16	31.34	31.79	29.65	29.36	30.81	30.48	32.18	29.93	31.85	31.42	29.07	29.60	29.48	31.16	31.45	NA
MW-52-11	6.04	5.61	8.12	8.47	8.85	8.65	8.44	8.19	9.20	-	-	-	-	-	-	-	-	-	-

See Page 3 for Notes

TABLE 2
HISTORIC QUARTERLY LOW TIDE GROUNDWATER ELEVATIONS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID	LOW RIVER TIDE GROUNDWATER ELEVATIONS (Feet msl)																			
	Quarter 2[1], 2007	Quarter 3[2], 2007	Quarter 4[3], 2007	Quarter 1[4], 2008	Quarter 2[5], 2008	Quarter 3[6], 2008	Quarter 4[7], 2008	Quarter 1[8], 2009	Quarter 2[9], 2009	Quarter 3[10,11], 2009	Quarter 4[12], 2009	Quarter 1[13], 2010	Quarter 2[14], 2010	Quarter 3[15], 2010	Quarter 4[16], 2010	Quarter 1[17], 2011	Quarter 2[18], 2011	Quarter 3[19], 2011	Quarter 4[20], 2011
MW-52-18	6.64	NA	8.63	6.04	6.07	5.89	6.02	5.78	5.87	-	-	-	-	-	-	-	-	-	-
MW-52-48	7.08	NA	6.55	6.53	5.95	6.20	6.14	6.05	5.75	-	-	-	-	-	-	-	-	-	-
MW-52-64	5.96	NA	5.90	5.25	5.03	5.21	5.16	5.20	4.89	-	-	-	-	-	-	-	-	-	-
MW-52-118	5.34	NA	4.41	4.44	4.32	4.36	4.68	4.23	4.23	-	-	-	-	-	-	-	-	-	-
MW-52-122	5.25	NA	4.26	4.32	4.18	4.21	4.55	4.11	4.20	-	-	-	-	-	-	-	-	-	-
MW-52-162	0.67	NA	-0.80	-1.31	-0.80	-0.98	-1.30	-2.07	-1.18	-	-	-	-	-	-	-	-	-	-
MW-52-181	0.41	NA	-1.08	-1.56	-1.00	-1.30	-1.64	-2.38	-1.54	-	-	-	-	-	-	-	-	-	-
MW-53-82	NA	9.59	10.03	11.99	12.60	10.35	NA	11.11	NA	11.11	9.87	11.15	11.67	9.98	11.27	10.59	12.07	13.49	11.90
MW-53-120	9.91	9.18	9.59	10.87	11.49	9.76	NA	10.55	9.78	10.43	9.43	10.53	11.02	9.60	10.33	10.35	11.55	12.07	11.13
MW-54-35	NA	NA	6.40	6.27	6.36	6.16	6.41	5.75	5.87	-	-	-	-	-	-	-	-	-	-
MW-54-37	7.52	NA	6.58	6.45	6.53	6.30	6.58	5.90	6.04	-	-	-	-	-	-	-	-	-	-
MW-54-58	6.86	NA	5.82	5.60	5.55	5.53	5.76	5.49	5.17	-	-	-	-	-	-	-	-	-	-
MW-54-123	5.69	NA	4.16	3.65	3.52	4.01	4.06	2.99	3.56	-	-	-	-	-	-	-	-	-	-
MW-54-144	8.85	NA	7.13	6.60	6.48	6.92	6.97	5.89	6.53	-	-	-	-	-	-	-	-	-	-
MW-54-173	5.17	NA	3.52	2.99	2.85	3.27	3.29	2.19	2.72	-	-	-	-	-	-	-	-	-	-
MW-54-190	5.08	NA	3.46	2.91	2.76	3.16	3.13	2.00	2.49	-	-	-	-	-	-	-	-	-	-
MW-55-24	8.56	7.82	7.97	8.17	8.16	8.18	9.02	8.35	8.06	8.39	7.80	8.58	8.56	8.02	8.27	8.88	9.15	9.36	9.70
MW-55-35	8.10	7.29	7.52	7.60	7.59	7.69	8.30	7.63	9.49	-	-	-	-	-	-	-	-	-	-
MW-55-54	8.47	7.65	7.75	8.08	8.32	8.22	8.82	NA	7.89	8.14	7.66	8.39	8.34	7.97	8.19	7.90	9.26	9.15	8.98
MW-56-53	21.04	20.16	NA	NA	29.93	NA	21.90	27.33	22.06	-	-	-	-	-	-	-	-	-	-
MW-56-83	21.10	20.10	22.18	26.41	29.16	NA	21.51	25.13	22.60	-	-	-	-	-	-	-	-	-	-
MW-57-11	9.57	8.83	9.36	10.99	NA	10.03	10.27	11.11	10.09	-	-	-	-	-	-	-	-	-	-
MW-57-20	9.38	NA	NA	NA	12.07	10.02	9.92	10.63	9.84	-	-	-	-	-	-	-	-	-	-
MW-57-45	9.08	NA	NA	NA	10.59	NA	NA	10.71	NA	-	-	-	-	-	-	-	-	-	-
MW-58-26	8.03	6.49	6.58	8.32	NA	7.29	7.19	7.56	7.40	-	-	-	-	-	-	-	-	-	-
MW-58-65	6.03	6.83	6.22	NA	7.36	7.13	6.46	6.68	6.70	-	-	-	-	-	-	-	-	-	-
MW-59-32	1.06	NA	0.67	0.42	0.77	0.81	0.47	0.31	1.37	-	-	-	-	-	-	-	-	-	-
MW-59-45	1.06	1.27	0.42	NA	9.23	NA	2.52	0.44	NA	-	-	-	-	-	-	-	-	-	-
MW-59-68	2.91	2.51	1.97	0.90	-0.11	NA	-1.79	-5.66	7.93	-	-	-	-	-	-	-	-	-	-
MW-60-35	2.19	1.28	1.32	1.58	1.63	0.82	2.04	1.99	3.07	-	-	-	-	-	-	-	-	-	-
MW-60-53	-0.63	-1.24	-1.67	-2.04	-1.37	-1.76	-2.03	-2.70	NA	-	-	-	-	-	-	-	-	-	-
MW-60-55	NA	-0.28	-0.73	-1.10	-0.47	-0.90	-1.21	-1.91	NA	-	-	-	-	-	-	-	-	-	-
MW-60-72	0.74	-0.09	-0.45	-0.68	-0.14	-0.64	NA	-1.43	0.28	-	-	-	-	-	-	-	-	-	-
MW-60-135	0.94	0.11	-0.44	-0.90	-0.27	-0.71	-1.02	-1.72	0.11	-	-	-	-	-	-	-	-	-	-
MW-60-154	0.08	-0.96	-1.61	-2.07	-1.49	-1.91	-2.25	-2.99	NA	-	-	-	-	-	-	-	-	-	-
MW-60-176	-0.48	-1.38	-2.03	-2.47	-1.82	-2.16	-2.59	-3.41	NA	-	-	-	-	-	-	-	-	-	-
MW-62-18	0.25	0.25	-0.37	-0.79	0.13	0.06	-0.12	-0.82	NA	-	-	-	-	-	-	-	-	-	-
MW-62-37	0.59	0.61	-0.03	-0.46	0.49	0.59	-0.15	-1.13	0.11	-	-	-	-	-	-	-	-	-	-
MW-62-52	NA	0.48	-0.30	-1.13	-0.19	-0.29	-0.93	-1.64	-0.42	-	-	-	-	-	-	-	-	-	-
MW-62-53	0.95	0.54	-0.25	-1.01	-0.10	-0.16	-0.84	-2.03	-0.44	-	-	-	-	-	-	-	-	-	-
MW-62-71	0.89	0.22	-0.56	-1.26	-0.55	-0.56	-1.24	-2.15	-1.03	-	-	-	-	-	-	-	-	-	-
MW-62-92	1.07	0.58	-0.09	-0.76	-0.11	-0.10	-0.85	-1.68	-0.70	-	-	-	-	-	-	-	-	-	-
MW-62-138	1.40	0.77	0.09	-0.49	0.13	0.26	-0.37	-1.33	-0.40	-	-	-	-	-	-	-	-	-	-
MW-62-181	1.33	0.38	-0.33	-0.99	-0.32	-0.36	-0.92	NA	-0.88	-	-	-	-	-	-	-	-	-	-
MW-62-182	NA	-0.33	-1.83	-0.78	-1.29	-1.25	-1.85	-2.66	-1.82	-	-	-	-	-	-	-	-	-	-
MW-63-18	0.14	0.09	-0.10	-0.37	0.09	0.32	-0.08	-0.64	0.02	-	-	-	-	-	-	-	-	-	-
MW-63-34	0.51	0.19	-0.09	-0.40	0.13	0.05	-0.13	-0.74	0.18	-	-	-	-	-	-	-	-	-	-
MW-63-50	0.86	0.29	-0.38	-1.03	-0.47	-0.55	-1.24	-2.08	-0.45	-	-	-	-	-	-	-	-	-	-
MW-63-91	1.16	0.48	-0.19	-0.87	-0.25	-0.16	-0.89	NA	-0.01	-	-	-	-	-	-	-	-	-	-
MW-63-93	NA	0.55	-0.20	-0.87	-0.30	-0.24	-0.98	-1.68	-0.13	-	-	-	-	-	-	-	-	-	-
MW-63-112	0.03	-0.82	-1.46	-2.05	-1.69	-1.60	-2.26	-3.14	-1.45	-	-	-	-	-	-	-	-	-	-
MW-63-121	1.41	0.60	-0.18	-0.78	-0.24	-0.05	-0.86	-1.49	0.11	-	-	-	-	-	-	-	-	-	-
MW-63-163	0.70	-0.09	-0.83	-1.48	-0.86	-0.90	-1.54	-2.46	-0.98	-	-	-	-	-	-	-	-	-	-
MW-63-174	0.88	0.05	-0.65	-1.29	-0.62	-0.61	-1.19	-1.97	-0.59	-	-	-	-	-	-	-	-	-	-
MW-65-48	NA	NA	NA	NA	38.60	43.22	NA	48.19	36.98	40.08	38.06	39.94	42.26	59.97	NA	NA	NA	NA	NA
MW-65-80	NA	NA	NA	NA	34.97	32.95	32.72	33.71	33.30	33.79	32.81	33.69	33.98	49.35	NA	NA	NA	NA	NA
MW-66-21	0.26	0.17	-0.22	-0.74	0.05	0.17	0.29	-0.33	0.50	0.52	0.10	-0.01	1.82	1.05	1.02	0.74	1.65	0.45	0.50
MW-66-36	0.81	0.48	-0.04	-0.51	0.35	0.15	0.10	-0.86	0.51	-	-0.25	-0.43	1.75	1.49	0.36	0.59	2.28	1.18	0.41
MW-67-39	NA	1.02	0.34	-0.33	0.36	0.41	-0.02	-0.07	-0.56	0.81	-1.25	-0.76	-0.13	-0.09	-1.70	-1.42	NA	-1.58	-1.73
MW-67-105	NA	1.39	0.61	-0.04	0.57	0.65	0.16	-0.67	-0.43	-	-	-	-	-	-	-	-	-	-
MW-67-173	NA	0.75	-0.14	-0.83	-0.28	-0.26	-0.82	-1.62	-1.55	-	-	-	-	-	-	-	-	-	-
MW-67-219	NA	0.74	-0.19	-0.91	-0.32	-0.32	-0.86	-1.87	-1.59	-	-	-	-	-	-	-	-	-	-
MW-67-276	NA	1.61	0.60	-0.13	0.44	0.41	-0.14	-1.03	-0.91	-	-	-	-	-	-	-	-	-	-
MW-67-323	NA	0.18	-0.96	-1.75	-1.13	-1.35	-1.93	-2.86	-2.73	-	-	-	-	-	-	-	-	-	-
MW-67-340	NA	0.63	-0.52	-1.31	-0.87	-0.96	-1.56	-2.42	-2.40	-0.76	-3.27	-2.63	-2.26	-1.97	-3.72	-3.47	NA	-2.99	-3.80
MW-107	116.85	113.87	117.48	121.79	118.94	115.00	115.76	120.28	117.52	-	-	-	-	-	-	-	-	-	-

See Page 3 for Notes

TABLE 2
HISTORIC QUARTERLY LOW TIDE GROUNDWATER ELEVATIONS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID	LOW RIVER TIDE GROUNDWATER ELEVATIONS (Feet msl)																			
	Quarter 2[1], 2007	Quarter 3[2], 2007	Quarter 4[3], 2007	Quarter 1[4], 2008	Quarter 2[5], 2008	Quarter 3[6], 2008	Quarter 4[7], 2008	Quarter 1[8], 2009	Quarter 2[9], 2009	Quarter 3[10,11], 2009	Quarter 4[12], 2009	Quarter 1[13], 2010	Quarter 2[14], 2010	Quarter 3[15], 2010	Quarter 4[16], 2010	Quarter 1[17], 2011	Quarter 2[18], 2011	Quarter 3[19], 2011	Quarter 4[20], 2011
MW-108	9.58	8.61	8.77	9.98	10.07	NA	9.02	9.65	9.26	-	-	-	-	-	-	-	-	-	-
MW-109	9.52	6.80	7.22	9.50	10.12	7.82	7.88	NA	4.95	-	-	-	-	-	-	-	-	-	-
MW-111	9.56	9.66	9.74	10.74	11.24	9.74	10.48	10.87	9.47	-	-	-	-	-	-	-	-	-	-
OUT-1	NA	1.31	1.16	0.76	0.81	NA	NA	NA	1.08	-	-0.77	1.02	5.06	NA	NA	NA	NA	NA	NA
RW-1	NA	NA	30.15	NA	30.04	29.52	29.05	29.10	NA	-	-	-	-	-	-	-	-	-	-
U1-CSS	NA	8.98	NA	NA	19.11	15.39	NA	20.46	13.89	-	-	-	-	-	-	-	-	-	-
U3-1	4.20	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-
U3-2	5.34	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-	-	-	-
U3-3	7.53	6.52	6.63	8.67	9.25	8.25	8.94	9.13	7.29	-	-	-	-	-	-	-	-	-	-
U3-4D	4.25	NA	3.35	3.22	2.74	3.49	2.69	3.41	3.75	-	-	-	-	-	-	-	-	-	-
U3-4S	3.91	4.13	3.80	3.74	3.97	4.31	3.81	4.01	4.23	-	-	-	-	-	-	-	-	-	-
U3-C1	NA	1.64	3.58	3.36	0.99	2.36	0.81	0.64	1.92	2.43	0.12	0.20	2.98	NA	0.26	3.28	3.20	NA	NA
U3-T1	4.51	4.12	3.67	3.99	3.86	4.33	3.69	3.83	4.12	-	-	-	-	-	-	-	-	-	-
U3-T2	4.33	4.02	3.79	4.20	3.94	4.28	3.76	4.05	4.20	-	-	-	-	-	-	-	-	-	-

Notes:

NA = Data Not Available

1. Quarter 2, 2007 groundwater elevations were measured on 6/1/07 at 6:20 am.
2. Quarter 3, 2007 groundwater elevations were measured on 9/25/07 at 4:32 am.
3. Quarter 4, 2007 groundwater elevations were measured on 12/9/07 at 4:15 am.
4. Quarter 1, 2008 groundwater elevations were measured on 1/3/08 at 1:14 a.m.
5. Quarter 2, 2008 groundwater elevations were measured on 4/4/08 at 5:14 pm.
6. Quarter 3, 2008 groundwater elevations were measured on 7/10/08 at 11:35 am.
7. Quarter 4, 2008 groundwater elevations were measured on 11/11/08 at 2:54 am.
8. Quarter 1, 2009 groundwater elevations were measured on 1/9/09 at 2:42 am.
9. Quarter 2, 2009 groundwater elevations were measured on 5/22/09 at 2:41 pm.
10. Subsequent to Quarter 2, 2009, as described in our June 14, 2010 memorandum which was included as Appendix J in the Quarter 1, 2009 Report, a reduced number of transducers will be maintained in long term operation. The rationale for this reduced transducer redeployment is included in the June 14, 2010 memorandum.
11. Quarter 3, 2009 groundwater elevations were measured on 8/9/09 at 8:18 am.
12. Quarter 4, 2009 groundwater elevations were measured on 11/28/09 at 3:45 pm.
13. Quarter 1, 2010 groundwater elevations were measured on 1/30/10 at 6:00 am.
14. Quarter 2, 2010 groundwater elevations were measured on 4/09/10 at 12:06 pm.
15. Quarter 3, 2010 groundwater elevations were measured on 7/31/10 at 12:30 am.
16. Quarter 4, 2010 groundwater elevations were measured on 10/16/10 at 1:36 am.
17. Quarter 1, 2011 groundwater elevations were measured on 1/22/11 at 8:20 pm.
18. Quarter 2, 2011 groundwater elevations were measured on 5/25/11 at 5:13 pm.
19. Quarter 3, 2011groundwater elevations were measured on 8/22/11 at 10:48 am.
20. Quarter 4, 2011 groundwater elevations were measured on 11/21/11 at 1:37 am.
21. MW-32 groundwater elevations from 2nd quarter, 2007 were based on an initial Waterloo Multi-Level configuration, which was subsequently reconfigured; initial depth intervals approximately corresponding to current configuration are listed in parentheses. The current configuration intervals MW-32-48 and MW-32-173 have no representative equivalent within the old configuration.

See Page 3 for Notes

TABLE 3
FIRST QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER, Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-30-69	Q2-2010	031	69.3	6.4	4/29/2010	12:55	1.61E+05	4.67E+03	2.78E+02	-1.31E-01	7.56E-01	9.40E-01	-2.29E+00	5.33E+00	5.59E+00	2.06E+00	5.37E+00	6.58E+00	NA	NA	NA	1.26E+05	ND	ND	ND	NA	MW-30-69
MW-30-69	Q2-2010 Mid	032	69.3	6.4	6/8/2010	12:32	1.52E+05	4.49E+03	4.80E+02	2.56E-01	4.79E-01	5.40E-01	-1.20E+00	6.55E+00	7.22E+00	-1.72E-01	5.45E+00	5.99E+00	NA	NA	NA						
MW-30-69	Q3-2010	033	69.3	6.4	7/28/2010	12:33	1.28E+05	3.72E+03	1.80E+02	9.14E-02	5.26E-01	6.35E-01	-5.08E-01	9.69E+00	1.09E+01	1.67E+00	7.46E+00	9.20E+00	NA	NA	NA						
MW-30-69	Q3-2010	034	69.3	6.4	8/20/2010	15:08	1.11E+05	3.24E+03	2.02E+02	3.53E-01	7.80E-01	9.08E-01	-3.14E+00	5.22E+00	5.12E+00	-2.41E+00	5.25E+00	5.03E+00	NA	NA	NA						
MW-30-69	Q3-2010 Mid	035	69.3	6.4	9/8/2010	12:35	1.23E+05	3.65E+03	4.47E+02	1.93E-01	4.41E-01	5.14E-01	-1.10E+00	4.42E+00	4.87E+00	1.40E+00	4.72E+00	5.73E+00	NA	NA	NA						
MW-30-69	Q4-2010	036	69.3	6.4	11/5/2010	11:56	1.25E+05	1.88E+03	4.34E+02	9.69E-01	8.79E-01	1.94E+00	-3.68E+00	3.94E+00	7.79E+00	-5.01E+00	5.09E+00	9.47E+00	NA	NA	NA						
MW-30-69	Q1-2011	037	69.3	6.4	2/9/2011	12:17	1.01E+05	2.18E+03	2.98E+02	1.62E+00	1.93E+00	2.00E+00	1.87E+00	5.80E+00	6.74E+00	-1.13E-01	5.88E+00	6.44E+00	NA	NA	NA						
MW-30-69	Q1-2011 Mid	038	69.3	6.4	3/31/2011	11:38	1.08E+05	3.40E+03	4.72E+02	-6.11E-01	1.63E+00	2.15E+00	2.48E+00	7.96E+00	9.14E+00	-1.41E+00	6.70E+00	6.46E+00	NA	NA	NA						
MW-30-84	Q2-2010	022	83.8	-8.1	4/29/2010	13:46	9.56E+03	5.40E+02	1.48E+02	4.08E-01	8.33E-01	9.56E-01	-3.84E-01	5.71E+00	6.36E+00	2.19E+00	5.36E+00	6.57E+00	NA	NA	NA	9.60E+03	ND	ND	ND	NA	MW-30-84
MW-30-84	Q2-2010 Mid	023	83.8	-8.1	6/8/2010	12:19	9.40E+03	4.37E+02	2.14E+02	2.01E-01	4.85E-01	5.52E-01	7.20E-01	5.49E+00	6.21E+00	-4.01E+00	6.36E+00	6.10E+00	NA	NA	NA						
MW-30-84	Q3-2010	024	83.8	-8.1	7/28/2010	13:07	9.26E+03	5.09E+02	1.01E+02	4.48E-01	7.63E-01	8.52E-01	-1.46E+00	9.30E+00	1.02E+01	-3.03E-01	9.79E+00	1.08E+01	NA	NA	NA						
MW-30-84	Q3-2010	025	83.8	-8.1	8/20/2010	16:51	1.00E+04	5.57E+02	1.29E+02	5.65E-01	8.70E-01	9.53E-01	3.22E+00	6.27E+00	7.54E+00	-3.97E+00	6.69E+00	6.20E+00	NA	NA	NA						
MW-30-84	Q3-2010 Mid	026	83.8	-8.1	9/8/2010	13:14	1.01E+04	4.32E+02	2.10E+02	3.18E-01	6.20E-01	7.05E-01	-1.48E+00	6.18E+00	6.74E+00	-4.19E-01	7.65E+00	8.58E+00	NA	NA	NA						
MW-30-84	Q4-2010	027	83.8	-8.1	11/5/2010	12:35	1.02E+04	4.80E+02	3.87E+02	5.25E-01	7.56E-01	1.70E+00	-3.07E+00	4.23E+00	8.38E+00	-5.22E+00	4.86E+00	8.20E+00	NA	NA	NA						
MW-30-84	Q1-2011	028	83.8	-8.1	2/9/2011	12:57	9.20E+03	8.86E+02	3.79E+02	1.12E+00	1.82E+00	1.98E+00	5.89E-01	4.74E+00	5.22E+00	1.09E+00	5.76E+00	6.49E+00	NA	NA	NA						
MW-30-84	Q1-2011 Mid	029	83.8	-8.1	3/31/2011	12:03	9.04E+03	1.06E+03	4.74E+02	-4.78E-01	1.66E+00	2.13E+00	5.00E-01	1.12E+01	1.21E+01	-3.04E+00	9.48E+00	9.12E+00	NA	NA	NA						
MW-31-49	Q2-2010	023	48.8	26.8	4/14/2010	10:42	1.16E+04	3.90E+02	1.00E+02	1.18E-01	4.62E-01	5.72E-01	-2.95E+00	8.54E+00	9.00E+00	9.25E-03	8.91E+00	9.95E+00	NA	NA	NA	2.88E+04	ND	ND	ND	NA	MW-31-49
MW-31-49	Q2-2010 Mid	024	48.8	26.8	6/7/2010	11:30	1.73E+04	5.79E+02	2.22E+02	3.41E-01	7.95E-01	9.18E-01	-3.80E+00	7.42E+00	7.51E+00	1.82E+00	6.72E+00	8.03E+00	NA	NA	NA						
MW-31-49	Q3-2010	025	48.8	26.8	7/27/2010	14:43	5.46E+04	1.59E+03	1.21E+02	3.05E-01	4.71E-01	5.22E-01	2.74E+00	1.17E+01	1.40E+01	2.23E+00	8.03E+00	9.96E+00	NA	NA	NA						
MW-31-49	Q3-2010	026	48.8	26.8	8/23/2010	12:11	4.11E+03	3.56E+02	1.23E+02	1.62E-01	7.89E-01	9.57E-01	-1.21E+00	5.42E+00	5.91E+00	-3.35E-02	5.19E+00	5.80E+00	NA	NA	NA						
MW-31-49	Q3-2010 Mid	027	48.8	26.8	9/7/2010	13:49	1.04E+05	3.02E+03	1.68E+02	-1.15E-01	2.82E-01	4.23E-01	3.35E+00	5.52E+00	6.68E+00	2.16E+00	5.97E+00	7.20E+00	NA	NA	NA						
MW-31-49	Q4-2010	028	48.8	26.8	11/3/2010	11:55	3.35E+04	9.81E+02	1.15E+02	-3.04E-02	4.26E-01	5.51E-01	-2.82E+00	8.51E+00	8.97E+00	2.22E+00	8.87E+00	1.06E+01	NA	NA	NA						
MW-31-49	Q1-2011	029	48.8	26.8	2/9/2011	13:12	1.06E+03	3.40E+02	2.98E+02	-5.51E-01	1.76E+00	2.14E+00	1.39E+00	5.22E+00	6.02E+00	4.84E-01	5.26E+00	5.91E+00	NA	NA	NA						
MW-31-49	Q1-2011 Mid	030	48.8	26.8	3/30/2011	12:33	4.31E+03	7.84E+02	4.65E+02	1.77E+00	2.04E+00	2.16E+00	-2.34E+00	7.80E+00	8.17E+00	-5.38E-01	9.18E+00	1.00E+01	NA	NA	NA						
MW-31-63	Q2-2010	023	63.3	12.3	4/14/2010	13:05	1.84E+04	5.46E+02	1.08E+02	-1.50E-01	4.43E-01	6.61E-01	-4.58E+00	9.18E+00	9.12E+00	2.75E-01	9.97E+00	1.12E+01	NA	NA	NA	3.90E+04	ND	ND	ND	NA	MW-31-63
MW-31-63	Q2-2010 Mid	024	63.3	12.3	6/7/2010	12:19	5.11E+04	1.53E+03	2.93E+02	3.68E-01	8.04E-01	9.11E-01	2.95E+00	5.94E+00	7.20E+00	9.47E-01	6.12E+00	7.09E+00	NA	NA	NA						
MW-31-63	Q3-2010	025	63.3	12.3	7/27/2010	15:54	6.17E+04	1.80E+03	1.27E+02	5.31E-01	6.45E-01	6.89E-01	-1.81E+00	8.27E+00	8.91E+00	1.22E+00	7.33E+00	8.70E+00	NA	NA	NA						
MW-31-63	Q3-2010	026	63.3	12.3	8/23/2010	13:11	6.69E+04	1.95E+03	1.60E+02	4.60E-01	7.62E-01	8.48E-01	1.77E+00	6.11E+00	7.13E+00	-1.67E+00	6.17E+00	6.44E+00	NA	NA	NA						
MW-31-63	Q3-2010 Mid	027	63.3	12.3	9/7/2010	15:28	4.65E+04	1.41E+03	1.46E+02	3.99E-01	7.26E-01	8.18E-01	4.05E-01	4.75E+00	5.31E+00	-1.47E+00	5.45E+00	5.56E+00	NA	NA	NA						
MW-31-63	Q4-2010	028	63.3	12.3	11/3/2010	12:32	2.95E+04	9.02E+02	1.14E+02	3.31E-01	6.30E-01	7.13E-01	-2.24E+00	9.63E+00	1.02E+01	3.44E+00	8.40E+00	1.07E+01	NA	NA	NA						
MW-31-63	Q1-2011	029	63.3	12.3	2/9/2011	13:14	2.46E+04	1.10E+03	2.98E+02	4.29E-01	1.78E+00	2.08E+00	-1.42E+00	6.46E+00	6.81E+00	-2.31E+00	6.42E+00	6.26E+00	NA	NA	NA						
MW-31-63	Q1-2011 Mid	030	63.3	12.3	3/30/2011	13:13	1.33E+04	1.14E+03	4.53E+02	1.49E+00	1.87E+00	2.02E+00	8.76E-01	9.00E+00	9.97E+00	-1.92E-01	7.26E+00	7.92E+00	NA	NA	NA						
MW-31-85	Q2-2010	023	84.8	-9.2	4/14/2010	12:09	4.85E+03	2.60E+02	9.99E+01	-1.42E-01	4.23E-01	6.36E-01	3.84E+00	6.90E+00	8.60E+00	1.40E-01	6.13E+00	6.84E+00	NA	NA	NA	5.48E+03	ND	ND	ND	NA	MW-31-85
MW-31-85	Q2-2010 Mid	024	84.8	-9.2	6/7/2010	12:00	9.34E+03	4.35E+02	2.13E+02	3.29E-01	5.73E-01	6.43E-01	2.30E+00	4.86E+00	5.78E+00	-1.07E+00	4.70E+00	4.81E+00	NA	NA	NA						
MW-31-85	Q3-2010	025	84.8	-9.2	7/27/2010	15:22	6.70E+03	4.34E+02	1.00E+02	3.55E-01	4.72E-01	5.04E-01	-3.98E+00	8.82E+00	9.22E+00	2.50E+00	8.43E+00	9.93E+00	NA	NA	NA						
MW-31-85	Q3-2010	026	84.8	-9.2	8/23/2010	12:10	5.07E+03	3.96E+02	1.25E+02	6.61E-03	7.89E-01	9.16E-01	3.42E+00	4.95E+00	6.08E+00	1.52E+00	4.77E+00	5.71E+00	NA	NA	NA						
MW-31-85	Q3-2010 Mid	027	84.8	-9.2	9/7/2010	14:14	6.21E+03	5.24E+02	1.44E+02	-3.25E-01	4.45E-01	6.85E-01	-1.54E+00	5.68E+00	6.11E+00	2.71E+00	5.42E+00	7.79E+00	NA	NA	NA						
MW-31-85	Q4-2010	028	84.8	-9.2	11/3/2010	12:00	6.06E+03	4.16E+02	1.14E+02	2.41E-01	4.83E-01	5.47E-01	-1.36E+00	8.88E+00	9.62E+00	-2.66E-01	1.08E+01	1.19E+01	NA	NA	NA						
MW-31-85	Q1-2011	029	84.8	-9.2	2/9/2011	13:03	4.83E+03	6.84E+02	3.82E+02	3.26E-01	1.79E+00	2.18E+00	3.19E+00	5.96E+00	7.08E+00	3.14E+00	6.06E+00	7.39E+00	NA	NA	NA						
MW-31-85	Q1-2011 Mid	030	84.8	-9.2	3/30/2011	12:55	7.75E+02	4.66E+02	4.52E+02	9.37E-01	1.81E+00	2.00E+00	5.90E+00	1.31E+01	8.10E+00	6.43E+00	8.88E+00	1.17E+01	NA	NA	NA						
MW-32-48	Q2-2010	006			4/28/2010	11:28	6.18E+04	1.80E+03	1.79E+02	7.51E-01	8.02E-01	8.21E-01	3.11E+00	7.80E+00	7.62E+00	1.38E+00	6.18E+00	7.26E+00	NA	NA	NA	2.38E+04	ND	ND	ND	NA	MW-32-48
MW-32-48	Q3-2010	007			7/27/2010	12:52	3.69E+03	3.26E+02	9.94E+01	3.59E-01	8.37E-01	9.60E-01	1.54E-01	7.00E+00	8.04E+00	-3.86E+00	7.74E+00	7.51E+00	NA	NA	NA						
MW-32-48	Q3-2010	008			8/24/2010	14:03	5.90E+03	3.51E+02	2.10E+02	3.55E-01	6.33E-01	7.09E-01	-4.34E-01	4.49E+00	5.04E+00	1.96E+00	4.95E+00	5.95E+00	NA	NA	NA						
MW-32-59	Q2-2010	017	58.8	18.3	4/28/2010	11:30	6.83E+04	2.00E+03	1.88E+02	-3.10E-01	3.61E-01	6.30E-01	4.95E+00	4.86E+00	6.21E+00	1.55E+00	4.86E+00	5.81E+00	NA	NA	NA	5.28E+04	ND	ND	ND	NA	MW-32-59
MW-32-59	Q2-2010 Mid	018	58.8	18.3	6/9/2010	14:53	1.55E+05	4.58E+03	4.89E+02	4.10E-01	7.75E-01	8.75E-01	-9.71E-01	6.12E+00	6.76E+00	1.48E+00	6.66E+00	7.93E+00	NA	NA	NA						
MW-32-59	Q3-2010	019	58.8	18.3	7/27/2010	13:00	6.54E+04	1.91E+03	1.33E+02	1.50E-01	4.37E-01	5.21E-01	1.07E+00	1.02E+01	1.14E+01	3.80E+00	9.26E+00	1.21E+01	NA	NA	NA						
MW-32-59	Q3-2010	020	58.8	18.3	8/24/2010	14:22	5.78E+03	3.48E+02	2.10E+02	-9.82E-02	6.14E-01	8.32E-01	3.21E+00	5.84E+00	7.14E+00	-2.01E+00	6.60E+00	6.75E+00	NA	NA	NA						
MW-32-59	Q3-2010 Mid	021	58.8	18.3	9/9/2010	13:57	7.44E+04	2.18E+03	1.67E+02	4.21E-01	7.20E-01	8.03E-01	1.68E+00	5.43E+00	6.39E+00	-1.58E+00	5.38E+00	5.54E+00	NA	NA	NA						
MW-32-59	Q4-2010	022	58.8	18.3	11/3/2010	12:08	1.58E+04	6.66E+02	1.16E+02	2.02E-01	6.15E-01	7.14E-01	6.67E+00	7.98E+00	1.03E+01	1.19E+00	9.11E+00	1.06E+01	NA	NA	NA						
MW-32-59	Q1-2011	023	58.8	18.3	3/1/2011	11:28	4.39E+03	6.42E+02	3.59E+02	1.25E+00	1.49E+00	1.55E+00	6.56E-01	5.82E+00	6.63E+00	-4.41E-01	7.00E+00	7.58E+00	NA	NA	NA						
MW-32-59	Q1-2011 Mid	024	58.8	18.3	3/31/2011	12:46	3.37E+04	1.96E+03	5.07E+02	-2.13E-01	1.15E+00	1.51E+00	8.24E-01	8.92E+00	9.96E+00	1.99E-02	1.02E+01	1.11E+01	NA	NA	NA						
MW-32-85	Q2-2010	020	85.3	85.3	4/28/2010	13:08	1.15E+04	5.85E+02	1.45E+02	3.95E-02	6.03E-01	7.62E-01	7.18E-01	9.07E+00	9.43E+00	1.03E+00	6.79E+00	8.05E+00	NA	NA	NA	1.32E+04	ND	ND	ND	NA	MW-32-85
MW-32-85	Q2-2010 Mid	021	85.3	85.3	6/9/2010	12:03	1.20E+04	4.85E+02	2.14E+02	3.30E-01	7.56E-01	8.66E-01	-1.92E+00	5.57E+00	6.05E+00	-7.73E-01	5.68E+00	6.30E+00	NA	NA	NA						
MW-32-85	Q3-2010	022	85.3	85.3	7/27/2010	14:51	1.21E+04	5.81E+02	1.01E+02	3.80E-01	6.37E-01	7.07E-01	1.38E+00	7.47E+00	8.69E+00	2.30E+00	7.74E+00	9.52E+00	NA	NA	NA						
MW-32-85	Q3-2010	023	85.3	85.3	8/24/2010	11:03	1.38E+04	4.94E+02	2.10E+02	-3.76E-01	4.75E-01	7.02E-01	-6.66E-01	5.96E+00	6.62E+00	-1.19E+00	5.22E+00	5.48E+00	NA	NA	NA						
MW-32-85	Q3-2010 Mid	024	85.3	85.3	9/9/2010	15:29	1.44E+04	6.57E+02	1.27E+02	1.34E-01	6.77E-01	8.36E-01	1.43E+00	6.27E+00	6.90E+00	-1.25E-01	5.49E+00	6.10E+00	NA	NA	NA						
MW-32-85	Q4-2010	025	85.3	85.3	11/3/2010	12:45	1.49E+04	6.48E+02	1.16E+02	3.80E-01	4.90E-01	5.36E-01	5.89E+00	9.60E+00	1.18E+01	-5.55E+00	8.71E+00	7.61E+00	NA	NA	NA						
MW-32-85	Q1-2011	026	85.3	85.3	3/1/2011	12:05	1.34E+04	1.41E+03	2.62E+02	3.81E-01	1.41E+00	1.63E+00	7.79E-01	8.26E+00	9.36E+00	4.73E+00	9.72E+00	1.24E+01	NA	NA	NA						
MW-32-85	Q1-2011 Mid	027	85.3	85.3	3/31/2011	13:18	1.32E+04	1.27E+03	5.07E+02	-1.62E-01	1.20E+00	1.56E+00	-6.56E-01	7.26E+00	7.61E+00	3.80E+00	8.28E+00	1.02E+01	NA	NA	NA						
MW-32-149	Q2-2010	017	149.3	-72.2	4/28/2010	13:50	6.60E+03	4.52E+02	1.47E+02	3.03E-01	7.08E-01	8.24E-01	1.98E+00	6.88E+00	7.55E+00	9.80E-01	4.44E+00	5.36E+00	NA	NA	NA	3.55E+03	ND	ND	ND	NA	MW-32-149
MW-32-149	Q2-2010 Mid	018	149.3	-72.2	6/9/2010	12:52	9.76E+03	4.44E+02	2.14E+02	-1.16E-01	6.45E-01	8.05E-01	-8.57E-01	8.36E+00	9.08E+00	-4.49E+00	6.20E+00	5.62E+00	NA	NA	NA						
MW-32-149	Q3-2010	019	149.3	-72.2	7/27/2010	15:34	3.33E+03	3.81E+02	1.01E+02	1.14E-01	3.57E-01	4.33E-01	7.24E-01	1.28E+01	1.64E+01	1.53E+00	8.88E+00	1.06E+01	NA	NA	NA						
MW-32-149	Q3-2010	020	149.3	-72.2	8/24/2010	11:27	2.60E+03	2.70E+02	2.10E+02	1.04E-01	6.64E-01	8.13E-01	1.04E-01	6.51E+00	7.44E+00	2.67E-02	5.89E+00	6.71E+00	NA	NA	NA						
MW-32-149	Q3-2010 Mid	021	149.3	-72.2	9/9/2010	11:36	2.12E+03	2.70E+02	1.27E+02	2.27E-01	7.72E-01	9.22E-01	3.68E+00	7.83E+00	9.16E+00	1.24E+00	8.52E+00	1.00E+01	NA	NA	NA						
MW-32-149	Q4-2010	022	149.3	-72.2	11/3/2010	16:09	1.55E+03	2.24E+02	1.12E+02	4.08E-01	5.02E-01	5.49E-01	-1.00E+01	1.08E+01	1.15E+01	3.36E+00	7.71E+00	9.94E+00	NA	NA	NA						
MW-32-149	Q1-2011	023	149.3	-72.2	3/1/2011	13:37	1.06E+03	4.48E+02	2.68E+02	-7.01E-01	1.66E+00	2.15E+00	9.25E-01	5.42E+00	6.30E+00	2.06E+00	6.60E+00	7.93E+00	NA	NA	NA						
MW-32-149	Q1-2011 Mid	024	149.3	-72.2	3/31/2011	11:33	8.99E+02	5.34E+02	5.09E+02	-2.01E-01	1.10E+00	1.49E+00	2.52E+00	9.30E+00	1.09E+01	2.31E+00	9.92E+00	1.18E+01	NA	NA	NA						
MW-32-173	Q2-2010	015	172.8	-95.7	4/28/2010	15:45	1.54E+03	2.45E+02	1.48E+02	4.63E-01	5.34E-01	5.49E-01	4.96E+00	5.45E+00	6.79E+00	-8.08E-01	4.93E+00	5.21E+00	NA	NA	NA	1.71E+03	ND	ND	ND	NA	MW-32-173
MW-32-173	Q2-2010 Mid	016	172.8	-95.7	6/9/2010	12:23	2.34E+03	2.66E+02	2.08E+02	3.04E-01	5.97E-01	6.81E-01	-9.18E-01	6.63E+00	7.29E+00	8.09E-01	6.48E+00	7.43E+00	NA	NA	NA						
MW-32-173	Q3-2010	017	172.8	-95.7	7/27/2010	15:17	2.47E+03	2.69E+02	9.88E+01	9.64E-02	3.38E-01	4.14E-01	-1.51E+00	8.71E+00	9.65E+00	-2.29E+00	7.04E+00	7.12E+00	NA	NA	NA						
MW-32-173	Q3-2010	018	172.8	-95.7	8/24/2010	11:23	2.19E+03	2.60E+02	2.10E+02	-1.37E-01	3.98E-01	5.77E-01	2.92E+00	6.57E+00	7.82E+00	4.56E-01	6.55E+00	7.41E+00	NA	NA	NA						
MW-32-173	Q3-2010 Mid	019	172.8	-95.7	9/9/2010	11:29	1.98E+03	2.63E+02	1.28E+02	5.82E-01	8.34E-01	8.96E-01	1.67E+00	4.86E+00	5.81E+00	9.94E-01	4.84E+00	5.77E+00	NA	NA	NA						
MW-32-173	Q4-2010	020	172.8	-95.7	11/3/2010	15:53	1.40E+03	2.16E+02	1.14E+02	1.65E-02	4.38E-01	5.24E-01	3.87E+00	1.76E+01	9.62E+00	-2.94E+00	9.88E+00	1.01E+01	NA	NA	NA						
MW-32-173	Q1-2011	021	172.8	-95.7	3/1/2011	13:13	9.02E+02	4.12E+02	2.61E+02	-4.04E-01	1.12E+00	1.45E+00	5.99E+00	6.06E+00	7.73E+00	-2.04E+00	7.36E+00	7.55E+00	NA	NA	NA						
MW-32-173	Q1-2011 Mid	022	172.8	-95.7	3/31/2011	11:35	8.41E+02	5.22E+02	5.04E+02	2.46E-01	1.27E+00	1.54E+00	6.51E+00	1.58E+01	8.26E+00	2.19E+00	8.22E+00	9.98E+00	NA	NA	NA						
MW-32-190	Q2-2010	019	190.3	-113.7	4/28/2010	15:51	1.59E+03	2.48E+02	1.49E+02	-2.92E-01	7.01E-01	9.85E-01	1.82E+00	5.66E+00	6.65E+00	-2.37E+00	5.38E+00	5.33E+00	NA	NA	NA	1.61E+03	ND	ND	ND	NA	MW-32-190
MW-32-190	Q2-2010 Mid	020	190.3	-113.7	6/9/2010	12:43	1.76E+03	2.45E+02	2.05E+02	4.69E-01	8.43E-01	9.49E-01	-3.64E+00	5.89E+00	6.02E+00	1.50E+00	5.84E+00	6.92E+00	NA	NA	NA						
MW-32-190	Q3-2010	021	190.3	-113.7	7/27/2010	15:41	1.58E+03	2.21E+02	9.83E+01	-8.57E-02	3.52E-01	5.06E-01	6.23E-01	7.98E+00	9.16E+00	-2.62E+00	7.77E+00	7.60E+00	NA	NA	NA						
MW-32-190	Q3-2010	022	190.3	-113.7	8/24/2010	11:37	1.69E+03	2.43E+02	2.09E+02	2.54E-01	7.84E-01	9.25E-01	-5.47E-01	4.84E+00	5.45E+00	9.00E-01	4.96E+00	5.87E+00	NA	NA	NA						
MW-32-190	Q3-2010 Mid	023	190.3	-113.7	9/9/2010	11:34	1.65E+03	2.48E+02	1.30E+02	-1.31E-01	5.85E-01	8.27E-01	-2.39E-01	9.87E+00	1.08E+01	2.00E+00	6.66E+00	7.98E+00	NA	NA	NA						
MW-32-190	Q4-2010	024	190.3	-113.7	11/3/2010	16:07	1.53E+03	2.28E+02	1.17E+02	-9.74E-02	4.35E-01	5.82E-01	2.12E+00	9.02E+00	1.07E+01	-2.40E+00	9.21E+00	9.36E+00	NA	NA	NA						
MW-32-190	Q1-2011	025	190.3	-113.7	3/1/2011	13:24	1.64E+03	5.32E+02	2.64E+02	7.65E-01	1.20E+00	1.29E+00	2.74E+00	5.52E+00	6.57E+00	4.88E+00	7.64E+00	8.75E+00	NA	NA	NA						
MW-32-190	Q1-2011 Mid	026	190.3	-113.7	3/31/2011	11:47	1.41E+03	5.76E+02	5.02E+02	-7.79E-01	1.15E+00	1.67E+00	8.78E-01	7.96E+00	9.01E+00	5.11E+00	1.04E+01	1.30E+01	NA	NA	NA						
MW-33	Q2-2010	026	19.2	-0.4	4/15/2010	13:54	6.31E+04	1.06E+03	1.76E+02	-1.77E-01	6.60E-01	8.85E-01	-3.35E+00	7.39E+00	7.21E+00	-5.17E+00	7.74E+00	6.17E+00	NA	NA	NA	2.36E+04	ND	ND	ND	NA	MW-33
MW-33	Q3-2010	027	19.2	-0.4	8/30/2010	14:29	3.69E+03	3.42E+02	1.26E+02	1.64E-01	3.24E-01	3.69E-01	7.72E-01	5.64E+00	6.38E+00	-3.08E-01	5.07E+00	5.60E+00	NA	NA	NA						
MW-33	Q3-2010 Mid	028	19.2	-0.4	9/11/2010	13:28	3.86E+03	3.53E+02	1.27E+02	9.96E-03	7.38E-01	9.28E-01	-1.30E+00	4.86E+00	5.14E+00	1.12E+00	5.10E+00	5.95E+00	NA	NA	NA						
MW-35	Q2-2010 Mid	020	19	-0.4	5/20/2010	13:25	2.82E+03	2.87E+02	2.14E+02	-1.97E-01	4.52E-01	6.73E-01	1.51E+00	5.67E+00	6.71E+00	-1.24E+00	6.33E+00	6.84E+00	NA	NA	NA	2.82E+03	ND	ND	ND	NA	MW-35
MW-36-24	Q2-2010	018	16.1	-4.3	4/28/2010	14:14	3.53E+03	3.39E+02	1.45E+02	1.91E-01	5.60E-01

TABLE 3
FIRST QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER, Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-37-32	Q2-2010	018	29	-14	4/27/2010	17:25	7.24E+03	3.90E+02	2.10E+02	1.87E+01	2.28E+00	6.59E-01	6.85E-01	5.87E+00	6.72E+00	-2.27E+00	4.88E+00	4.69E+00	NA	NA	NA	5.65E+03	1.59E+01	ND	ND	NA	MW-37-32
MW-37-32	Q3-2010	019	29	-14	8/5/2010	14:00	4.80E+03	3.69E+02	9.97E+01	1.41E+01	1.85E+00	5.42E-01	-5.90E+00	8.89E+00	8.07E+00	-3.93E-01	8.67E+00	9.54E+00	NA	NA	NA						
MW-37-32	Q4-2010	020	29	-14	11/4/2010	13:14	5.99E+03	4.22E+02	1.17E+02	-2.91E-01	6.15E-01	7.91E-01	-4.11E+00	7.41E+00	7.07E+00	1.54E+00	7.68E+00	9.04E+00	NA	NA	NA						
MW-37-32	Q1-2011	021	29	-14	1/27/2011	15:09	4.57E+03	5.28E+02	2.98E+02	1.49E+01	3.02E+00	1.74E+00	4.20E-01	6.12E+00	6.85E+00	1.72E+00	6.60E+00	7.76E+00	NA	NA	NA						
MW-37-40	Q2-2010	018	39.2	-24.2	4/27/2010	12:43	5.37E+03	3.45E+02	2.07E+02	1.71E+01	1.81E+00	6.52E-01	-2.56E+00	4.54E+00	4.41E+00	-7.35E-02	5.03E+00	5.51E+00	NA	NA	NA	6.19E+03	1.59E+01	ND	ND	NA	MW-37-40
MW-37-40	Q3-2010	019	39.2	-24.2	8/5/2010	14:25	7.00E+03	4.43E+02	9.99E+01	1.43E+01	1.74E+00	4.81E-01	3.15E-01	7.86E+00	9.00E+00	3.82E+00	7.44E+00	9.31E+00	NA	NA	NA						
MW-37-40	Q4-2010	020	39.2	-24.2	11/4/2010	12:06	6.41E+03	4.29E+02	1.15E+02	1.28E+01	1.92E+00	6.32E-01	2.77E+00	8.58E+00	1.03E+01	-2.01E+00	8.29E+00	8.39E+00	NA	NA	NA						
MW-37-40	Q1-2011	021	39.2	-24.2	1/27/2011	13:35	5.97E+03	7.42E+02	3.82E+02	1.93E+01	3.34E+00	1.85E+00	1.95E+00	5.84E+00	6.78E+00	2.03E+00	6.84E+00	7.92E+00	NA	NA	NA						
MW-37-57	Q2-2010	018	53.2	-38.2	4/27/2010	17:28	5.20E+03	3.50E+02	2.16E+02	1.90E+01	2.15E+00	6.60E-01	-5.08E+00	7.63E+00	7.24E+00	1.71E+00	6.43E+00	7.85E+00	NA	NA	NA	6.21E+03	1.91E+01	ND	ND	NA	MW-37-57
MW-37-57	Q3-2010	019	53.2	-38.2	8/5/2010	13:59	7.30E+03	4.52E+02	9.94E+01	1.73E+01	1.69E+00	5.57E-01	-2.16E+00	7.37E+00	7.75E+00	-6.93E-01	8.96E+00	9.77E+00	NA	NA	NA						
MW-37-57	Q4-2010	020	53.2	-38.2	11/4/2010	13:49	6.72E+03	4.41E+02	1.15E+02	1.97E+01	2.15E+00	5.70E-01	6.72E+00	1.52E+01	9.04E+00	-3.60E+00	7.95E+00	7.35E+00	NA	NA	NA						
MW-37-57	Q1-2011	021	53.2	-38.2	1/27/2011	15:26	5.63E+03	5.76E+02	2.99E+02	2.02E+01	3.60E+00	1.96E+00	-3.70E-01	6.34E+00	6.92E+00	-1.36E+00	5.64E+00	5.68E+00	NA	NA	NA						
MW-39-67	Q2-2010	008	67	13	5/4/2010	15:23	3.79E+02	2.01E+02	2.13E+02	1.26E+00	6.60E-01	6.33E-01	4.66E-01	5.42E+00	6.14E+00	1.30E+00	6.75E+00	7.87E+00	NA	NA	NA	3.33E+02	1.65E+00	ND	ND	NA	MW-39-67
MW-39-67	Q3-2010	009	67	13	7/22/2010	14:26	2.86E+02	1.19E+02	9.90E+01	1.73E+00	6.00E-01	3.90E-01	2.94E+00	6.33E+00	7.80E+00	-5.65E+00	7.25E+00	5.04E+00	NA	NA	NA						
MW-39-67	Q4-2010	010	67	13	11/15/2010	16:28	3.74E+02	1.86E+02	3.88E+02	1.96E+00	9.36E-01	1.94E+00	-1.74E+00	3.99E+00	8.40E+00	-3.17E+00	4.38E+00	8.38E+00	NA	NA	NA						
MW-39-84	Q2-2010	008	83.5	-3.5	5/4/2010	15:32	2.25E+02	1.95E+02	2.12E+02	1.26E+00	6.00E-01	5.62E-01	1.07E+00	5.85E+00	6.81E+00	-2.75E+00	5.78E+00	5.93E+00	NA	NA	NA	2.98E+02	1.05E+00	ND	ND	NA	MW-39-84
MW-39-84	Q3-2010	009	83.5	-3.5	7/22/2010	14:42	3.70E+02	1.30E+02	1.01E+02	8.43E-01	6.21E-01	5.85E-01	-3.32E+00	6.79E+00	6.90E+00	2.43E+00	6.95E+00	8.54E+00	NA	NA	NA						
MW-39-84	Q4-2010	010	83.5	-3.5	11/15/2010	16:38	2.51E+02	2.10E+02	4.59E+02	1.80E+00	8.83E-01	1.86E+00	3.58E+00	4.41E+00	1.05E+01	7.47E+00	4.82E+00	1.24E+01	NA	NA	NA						
MW-39-102	Q2-2010	008	101.5	-21.5	5/4/2010	15:27	3.93E+02	2.01E+02	2.13E+02	4.15E-01	6.36E-01	6.97E-01	-2.40E+00	5.49E+00	5.72E+00	-5.18E-01	6.30E+00	6.91E+00	NA	NA	NA	3.16E+02	4.05E+00	ND	ND	NA	MW-39-102
MW-39-102	Q3-2010	009	101.5	-21.5	7/22/2010	14:52	2.39E+02	1.49E+02	1.49E+02	4.05E+00	9.93E-01	4.71E-01	-1.08E+00	6.35E+00	6.98E+00	-3.68E+00	5.55E+00	4.42E+00	NA	NA	NA						
MW-39-102	Q4-2010	010	101.5	-21.5	11/15/2010	16:12	3.61E+02	1.83E+02	3.84E+02	1.40E+00	9.00E-01	1.93E+00	2.98E+00	3.38E+00	8.21E+00	-4.12E+00	3.52E+00	6.23E+00	NA	NA	NA						
MW-39-124	Q2-2010	008	124	-44	5/4/2010	12:32	3.08E+02	1.92E+02	2.06E+02	5.90E-01	8.18E-01	8.96E-01	-2.76E-02	5.43E+00	5.45E+00	1.35E-02	5.05E+00	5.58E+00	NA	NA	NA	3.08E+02	2.25E+00	ND	ND	NA	MW-39-124
MW-39-124	Q3-2010	009	124	-44	7/22/2010	11:39	1.12E+02	1.34E+02	1.46E+02	2.25E+00	7.71E-01	5.01E-01	-1.11E+00	8.32E+00	9.28E+00	-4.37E-01	9.75E+00	1.10E+01	NA	NA	NA						
MW-39-124	Q4-2010	010	124	-44	11/15/2010	12:46	3.73E+02	1.83E+02	3.86E+02	1.17E+00	8.85E-01	1.93E+00	-6.40E+00	6.71E+00	1.61E+01	-1.31E-01	4.98E+00	1.10E+01	NA	NA	NA						
MW-39-183	Q2-2010	008	182.5	-102.5	5/4/2010	12:51	1.34E+02	1.89E+02	2.10E+02	8.20E-02	5.44E-01	6.90E-01	2.11E+00	6.52E+00	7.73E+00	-2.38E+00	7.59E+00	6.99E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-39-183
MW-39-183	Q3-2010	009	182.5	-102.5	7/22/2010	11:38	1.07E+02	1.12E+02	1.19E+02	2.08E-01	4.19E-01	4.79E-01	-4.62E+00	8.88E+00	9.01E+00	-5.09E+00	9.62E+00	8.98E+00	NA	NA	NA						
MW-39-183	Q4-2010	010	182.5	-102.5	11/15/2010	12:53	-8.02E+01	1.61E+02	3.88E+02	4.19E-01	7.56E-01	1.77E+00	1.45E+00	4.83E+00	1.10E+01	3.58E+00	4.93E+00	1.19E+01	NA	NA	NA						
MW-39-195	Q2-2010	008	195	-115	5/4/2010	13:14	6.99E+01	1.64E+02	1.84E+02	6.21E-01	6.54E-01	6.82E-01	-1.56E+00	6.42E+00	6.86E+00	-1.59E-01	6.84E+00	7.63E+00	ND	ND	ND	ND	ND	ND	ND	NA	MW-39-195
MW-39-195	Q3-2010	009	195	-115	7/22/2010	12:10	9.26E+01	1.11E+02	1.20E+02	5.61E-01	5.70E-01	5.97E-01	7.86E-01	8.64E+00	9.43E+00	-9.78E-01	8.93E+00	9.62E+00	NA	NA	NA						
MW-39-195	Q4-2010	010	195	-115	11/15/2010	13:25	2.16E+02	1.86E+02	4.09E+02	1.52E-01	7.35E-01	1.73E+00	-3.21E+00	4.09E+00	6.54E+00	8.70E+00	4.38E+00	1.20E+01	NA	NA	NA						
MW-40-27	Q2-2010	011	26.7	46.5	4/15/2010	16:00	1.48E+02	1.74E+02	1.93E+02	1.05E-01	6.29E-01	7.95E-01	-1.30E+00	4.02E+00	4.36E+00	-2.98E+00	5.64E+00	4.86E+00	NA	NA	NA	2.00E+02	ND	ND	ND	NA	MW-40-27
MW-40-27	Q3-2010	012	26.7	46.5	8/26/2010	14:42	1.93E+02	1.26E+02	1.24E+02	2.23E-01	6.54E-01	7.73E-01	1.95E+00	4.50E+00	5.46E+00	-1.03E+00	4.72E+00	5.12E+00	NA	NA	NA						
MW-40-27	Q4-2010	013	26.7	46.5	11/29/2010	15:23	2.06E+02	1.49E+02	1.44E+02	1.10E-01	7.98E-01	9.63E-01	3.16E-01	3.38E+00	3.76E+00	1.01E+00	3.63E+00	4.18E+00	NA	NA	NA						
MW-40-27	Q1-2011	014	26.7	46.5	3/8/2011	12:55	1.85E+02	2.56E+02	2.65E+02	1.58E-01	1.37E+00	1.61E+00	3.72E-01	6.78E+00	7.39E+00	2.83E+00	8.56E+00	9.99E+00	NA	NA	NA						
MW-40-46	Q2-2010	012	46.2	27	4/15/2010	16:18	2.35E+02	1.38E+02	1.45E+02	3.98E-01	7.23E-01	8.15E-01	2.73E+00	3.30E+00	4.08E+00	1.19E+00	3.40E+00	3.95E+00	NA	NA	NA	1.99E+02	ND	ND	ND	NA	MW-40-46
MW-40-46	Q3-2010	013	46.2	27	8/26/2010	14:56	1.24E+02	1.22E+02	1.29E+02	-1.83E-01	5.11E-01	7.19E-01	7.02E-01	6.01E+00	6.90E+00	5.48E+00	6.17E+00	8.30E+00	NA	NA	NA						
MW-40-46	Q4-2010	014	46.2	27	11/29/2010	16:36	1.63E+02	1.47E+02	1.48E+02	6.60E-02	7.89E-01	9.38E-01	5.82E-01	3.82E+00	4.28E+00	2.06E+00	3.99E+00	4.74E+00	NA	NA	NA						
MW-40-46	Q1-2011	015	46.2	27	3/8/2011	12:58	2.48E+02	2.74E+02	2.63E+02	1.03E-01	8.58E-01	1.07E+00	2.82E+00	8.00E+00	9.18E+00	7.99E+00	8.74E+00	1.19E+01	NA	NA	NA						
MW-40-81	Q2-2010	012	80.7	-7.5	4/15/2010	12:15	1.92E+02	1.37E+02	1.47E+02	4.25E-01	7.02E-01	7.79E-01	1.72E+00	4.20E+00	4.93E+00	1.08E+01	3.82E+00	4.36E+00	NA	NA	NA	2.20E+02	ND	ND	ND	NA	MW-40-81
MW-40-81	Q3-2010	013	80.7	-7.5	8/26/2010	11:05	9.08E+01	1.14E+02	1.24E+02	2.45E-01	5.25E-01	6.06E-01	-3.95E+00	5.24E+00	4.96E+00	-2.64E+00	4.68E+00	4.20E+00	NA	NA	NA						
MW-40-81	Q4-2010	014	80.7	-7.5	11/29/2010	12:03	2.48E+02	1.58E+02	1.47E+02	1.13E-03	6.45E-01	7.85E-01	-9.67E-01	4.38E+00	4.79E+00	-4.37E-01	4.83E+00	5.28E+00	NA	NA	NA						
MW-40-81	Q1-2011	015	80.7	-7.5	3/8/2011	10:17	2.33E+02	2.68E+02	2.63E+02	8.50E-01	1.51E+00	1.67E+00	1.26E+00	1.06E+01	7.71E+00	-1.45E+00	6.08E+00	6.16E+00	NA	NA	NA						
MW-40-100	Q2-2010	014	100.2	-27	4/15/2010	12:16	1.39E+02	1.33E+02	1.46E+02	-1.08E-01	5.37E-01	7.48E-01	-2.83E-01	3.54E+00	3.96E+00	-2.16E+00	5.12E+00	4.80E+00	ND	ND	ND*	ND	ND	NA	MW-40-100	
MW-40-100	Q3-2010	015	100.2	-27	8/26/2010	11:09	1.24E+02	1.37E+02	1.45E+02	-2.33E-01	3.95E-01	6.21E-01	8.87E-01	6.15E+00	7.12E+00	6.51E-01	5.61E+00	6.53E+00	NA	NA	NA						
MW-40-100	Q4-2010	016	100.2	-27	11/29/2010	12:12	1.34E+02	1.40E+02	1.46E+02	-2.12E-01	6.70E-01	8.39E-01	-1.46E-01	4.05E+00	4.53E+00	3.11E-01	4.26E+00	4.81E+00	NA	NA	NA						
MW-40-100*	Q1-2011	017	100.2	-27	3/8/2011	10:27	5.17E+01	2.14E+02	2.64E+02	2.52E-02	1.30E+00	1.58E+00	2.46E+01*	1.35E+01	7.66E+00	-1.40E+00	7.88E+00	8.30E+00	NA	NA	NA						
MW-40-127	Q2-2010	014	127.2	-54	4/15/2010	13:13	1.26E+02	1.34E+02	1.47E+02	-5.12E-03	3.50E-01	4.61E-01	-2.40E+00	9.29E+00	9.96E+00	2.32E+00	9.72E+00	1.18E+01	NA	NA	NA	ND	ND	ND*	ND	NA	MW-40-127
MW-40-127	Q3-2010	015	127.2	-54	8/26/2010	11:16	1.36E+02	1.40E+02	1.47E+02	2.23E-02	2.78E-01	3.67E-01	-5.02E+00	7.95E+00	8.28E+00	6.43E-01	6.48E+00	7.48E+00	NA	NA	NA						
MW-40-127	Q4-2010	016	127.2	-54	11/29/2010	12:26	1.22E+02	1.38E+02	1.45E+02	7.34E-01	9.02E-01	9.73E-01	-1.53E-01	4.82E+00	5.43E+00	1.12E+00	4.38E+00	5.06E+00	NA	NA	NA						
MW-40-127*	Q1-2011	017	127.2	-54	3/8/2011	10:41	1.33E+02	2.40E+02	2.64E+02	1.03E+00	1.40E+00	1.51E+00	5.07E+01*	1.64E+01	7.63E+00	3.45E-01	7.18E+00	7.96E+00	NA	NA	NA						
MW-40-162	Q2-2010	012	161.7	-88.5	4/15/2010	14:50	1.03E+02	1.32E+02	1.46E+02	9.77E-02	6.63E-01	8.18E-01	-2.73E+00	8.36E+00	8.61E+00	2.35E+00	8.63E+00	1.05E+01	NA	NA	NA	ND	ND	ND	ND	NA	MW-40-162
MW-40-162	Q3-2010	013	161.7	-88.5	8/26/2010	12:29	1.02E+02	1.36E+02	1.48E+02	5.09E-01	7.23E-01	7.75E-01	7.14E-01	6.23E+00	7.08E+00	3.52E+00	6.78E+00	8.38E+00	NA	NA	NA						
MW-40-162	Q4-2010	014	161.7	-88.5	11/29/2010	12:45	6.40E+01	1.27E+02	1.45E+02	-5.51E-03	6.55E-01	7.94E-01	3.60E-01	4.34E+00	4.91E+00	3.43E-01	4.47E+00	5.03E+00	NA	NA	NA						
MW-40-162	Q1-2011	015	161.7	-88.5	3/8/2011	11:02	8.33E+01	2.24E+02	2.63E+02	-1.03E+00	1.07E+00	1.57E+00	-3.72E+00	6.12E+00	5.93E+00	-2.11E+00	6.42E+00	6.37E+00	NA	NA	NA						
MW-41-40	Q2-2010	016	34.4	20.5	4/19/2010	14:09	4.32E+02	1.79E+02	1.50E+02	2.09E+00	1.05E+00	8.40E-01	-2.56E+00	8.09E+00	8.29E+00	-6.83E-01	8.55E+00	9.32E+00	NA	NA	NA	1.92E+03	5.51E+00	ND	ND	NA	MW-41-40
MW-41-40	Q3-2010	017	34.4	20.5	7/21/2010	13:41	2.79E+03	3.02E+02	1.47E+02	4.37E+00	1.02E+00	6.33E-01	1.59E+00	5.82E+00	7.07E+00	-6.50E-01	7.18E+00	7.61E+00	NA	NA	NA						
MW-41-40	Q4-2010	018	34.4	20.5	10/25/2010	16:06	2.43E+03	2.78E+02	1.17E+02	4.08E+00	1.16E+00	6.72E-01	3.32E+00	5.63E+00	6.87E+00	-1.99E+00	6.74E+00	6.96E+00	NA	NA	NA						
MW-41-40	Q1-2011	019	34.4	20.5	2/14/2011	14:05	2.03E+03	4.02E+02	2.98E+02	1.15E+01	2.68E+00	1.83E+00	4.60E+00	7.30E+00	8.61E+00	4.22E+00	7.36E+00	9.28E+00	NA	NA	NA						
MW-41-63	Q2-2010	015	59.5	-4.6	4/19/2010	14:03	4.36E+02	1.77E+02	1.49E+02	3.66E+00	1.22E+00	7.70E-01	-4.51E+00	1.22E+01	1.52E+01	-7.27E-02	6.99E+00	7.76E+00	NA	NA	NA	6.73E+02	4.91E+00	ND	ND	NA	MW-41-63
MW-41-63	Q3-2010	016	59.5	-4.6	7/21/2010	13:41	5.18E+02	1.68E+02	1.43E+02	4.79E+00	1.09E+00	6.23E-01	-2.71E+00	8.29E+00	8.77E+00	1.61E+00	7.93E+00	9.59E+00	NA	NA	NA						
MW-41-63	Q4-2010	017	59.5	-4.6	10/25/2010	12:59	5.06E+02	1.50E+02	1.14E+02	4.25E+00	1.19E+00	7.17E-01	1.06E+00	6.08E+00	7.07E+00	2.87E+00	5.85E+00	7.23E+00	NA	NA	NA						
MW-41-63	Q1-2011	018	59.5	-4.6	2/14/2011	13:37	1.23E+03	4.44E+02	3.80E+02	6.92E+00	2.46E+00	1.96E+00	1.24E+00	5.30E+00	6.03E+00	2.69E+00	6.06E+00	7.29E+00	NA	NA	NA						
MW-41-49	Q2-2010	021	42.6	27.1	4/16/2010	12:59	1.30E+03	4.25E+02	3.71E+02	2.40E+01	2.31E+00	8.23E-01	2.37E+04	2.92E+01	8.37E-01	1.06E+01	1.23E+01	2.36E+02	2.88E+01	2.07E+01	1.44E+03	1.98E+01	2.48E+04	ND	2.35E+02	MW-42-49
MW-42-49	Q3-2010	022	42.6	27.1	7/30/2010	11:38	1.69E+03	2.34E+02	1.24E+02	1.39E+01	1.53E+00	3.90E-01	1.87E+04	2.46E+03	2.50E+01	7.33E-01	6.64E+00	7.77E+00	1.77E+02	2.97E+01	2.18E+01						
MW-42-49	Q4-2010	023	42.6	27.1	10/27/2010	12:23	1.28E+03	2.03E+02	1.64E+02	1.81E+01	2.31E+00	8.72E-01	2.39E+04	2.94E+03	2.93E+01	-1.67E+00	9.77E+00	1.03E+01	2.24E+02	2.66E+01	2.10E+01						
MW-42-49	Q1-2011	024	42.6	27.1	3/4/2011	11:37	1.49E+03	5.14E+02	3.88E+02	2.32E+01	3.34E+00	1.11E+00	3.30E+04	4.42E+03	2.75E+01	1.42E+00	6.78E+00	7.87E+00	3.02E+02	3.04E+01	2.00E+01						
MW-42-78	Q2-2010	016	74	-4.3	4/16/2010	13:29	3.93E+02	2.91E+02	3.10E+02	1.81E-01	7.86E-01	9.23E-01	2.22E+00	8.67E+00	1.03E+01	-6.97E+00	9.24E+00	7.54E+00	-6.55E+00	1.76E+01	2.08E+01	5.59E+02	ND	ND	ND	ND	MW-42-78
MW-42-78	Q3-2010	017	74	-4.3	7/30/2010	12:23	6.31E+02	1.71E+02	1.31E+02	2.78E-02	3.03E-01	3.85E-01	-1.17E-01	7.56E+00	8.30E+00	-7.43E-01	7.04E+00	7.42E+00	1.96E+00	1.31E+01	1.52E+01						
MW-42-78	Q4-2010	018	74	-4.3	10/27/2010	13:56	6.13E+02	1.74E+02	1.64E+02	-1.14E-01	4.79E-01	5.87E-01	-1.09E+00	8.69E+00	9.51E+00	-5.11E+00	8.41E+00	7.24E+00	-4.24E+00	1.80E+01	2.09E+01						
MW-42-78	Q1-2011	019	74	-4.3	3/4/2011	10:58	5.98E+02	4.06E+02	3.84E+02	8.92E-01	1.47E+00	1.60E+00	-2.03E+00	6.72E+00	6.99E+00	8.03E-02	6.70E+00	7.41E+00	0.00E+00	1.73E+01	1.96E+01						
MW-43-28	Q2-2010	015	23.5	25.3	4/19/2010	13:38	2.25E+02	1.39E+02	1.47E+02	-7.48E-02	5.52E-01	7.63E-01	-2.66E-01	5.61E+00	6.36E+00	-1.90E-01	5.61E+00	6.33E+00	NA	NA	NA	2.10E+02	ND	ND	ND	NA	MW-43-28
MW-43-28	Q3-2010	016	23.5	25.3	7/20/2010	13:48	9.11E+01	1.33E+02	1.47E+02	-6.43E-02	3.80E-01	5.33E-01	5.80E+00	7.53E+00	9.76E+00	-1.44E+00	9.49E+00	1.01E+01	NA	NA	NA						
MW-43-28	Q4-2010	017	23.5	25.3	10/25/2010	11:29	1.95E+02	1.17E+02	1.13E+02	-1.98E-01	6.94E-01	9.36E+00	5.00E+00	6.09E+00	5.01E+00	-5.03E+00	5.43E+00	5.84E+00	NA	NA	NA						
MW-43-28	Q1-2011	018	23.5	25.3	2/15/2011	13:08	2.54E+02	2.80E+02	2.99E+02	-1.06E+00	1.40E+00	2.00E+00	5.75E-02	1.26E+01	7.06E+00	-3.84E+00	6.84E+00	6.54E+00	NA	NA	NA						
MW-43-62	Q2-2010	015	51	-2.2	4/19/2010	13:17	2.16E+02	1.39E+02	1.47E+02	6.35E-01	7.10E-01	7.15E-01	-1.08E+00	4.44E+00	4.90E+00	1.30E+00	4.68E+00	5.52E+00	NA	NA	NA	2.16E+02	ND	ND	ND	NA	MW-43-62
MW-43-62	Q3-2010	016	51	-2.2	7/20/2010	15:07	5.97E+01	1.33E+02	1.51E+02	4.41E-01	4.75E-01	4.94E-01	-1.11E+00	7.96E+00	8.85E+00	-2.40E+00	8.22E+00	8.59E+00	NA	NA	NA						
MW-43-62	Q4-2010	017	51	-2.2	10/25/2010	11:06	9.76E+01	1.05E+02	1.12E+02	3.69E-01	7.10E-01	8.03E-01	5.94E-01	6.27E+00	6.81E+00	-6.69E-01	5.37E+00	5.81E+00	NA	NA	NA						
MW-43-62	Q1-2011	018	51	-2.2	2/15/2011	13:15	1.82E+02	2.76E+02	3.00E+02	7.75E-01	1.74E+00	1.95E+00	6.59E-01	5.08E+00	5.56E+00	-2.37E-01	5.16E+00	5.52E+00	NA	NA	NA						
MW-44-66	Q2-2010 Mid	016	62.4	31.1	6/10/2010	15:30	4.75E+02	1.89E+02	1.92E+02	2.16E-01	6.77E-01	7.93E-01	-1.54E+00	5.91E+00	6.37E+00	-1.91E+00	6.06E+00	6.25E+00	NA	NA	NA	3.54E+02	ND	ND	ND	NA	MW-44-66
MW-44-66	Q3-2010	017	62.4	31.1	7/22/2010	15:47	1.75E+02	1.41E+02	1.47E+02	2.76E-01	5.63E-01	6.43E-01	-3.76E+00	6.86E+00	6.84E+00	1.20E+00	8.52E+00	9.73E+00	NA	NA	NA						
MW-44-66	Q4-2010	018	62.4	31.1	10/26/2010	14:46	3.10E+02	1.29E+02	1.11E+02	-1.07E-01	4.30E-01	5.95E-01	4.23E-01	6.24E+00	7.11E+00	-3.70E+00	7.37E+00	7.27E+00	NA	NA	NA						
MW-44-66	Q1-2011	019	62.4	31.1	2/18/2011	10:41	4.57E+02	3.90E+02	3.99E+02	-2.94E-01	1.59E+00	1.95E+00	1.74E+00	7.72E+00	8.56E+00	-1.40E+00	7.92E+00	8.46E+00	NA	NA	NA						
MW-44-102	Q2-2010 Mid	017	80	13.5	6/10/2010	13:13	4.94E+02	1.79E+02	1.83E+02	-1.79E-01	5.13E-01	6.74E-01	-2.41E+00	7.89E+00	8.11E+00	-5.22E+00	7.37E+00	6.86E+00	NA	NA	NA	4.03E+02	ND	ND	ND	NA	MW-44-102
MW-44-102	Q3-2010	018	80	13.5	7/21/2010	13:20	2.76E+02	1.49E+02	1.45E+02	4.11E-01	4.70E-01	4.80E-01	2.38E+00	1.02E+01	1.18E+01	-1.83E+00	8.85E+00	9.25E+00	NA	NA	NA						
MW-44-102	Q4-2010	019	80	13.5	10/26/2010	13:32	4.47E+02	1.42E+02	1.12E+02	2.42E-01	5.47E-01	6.33E-01	-2.73E+00	5.49E+00	5.54E+00	6.85E-01	5.38E+00	6.11E+00	NA	NA	NA						
MW-44-102	Q1-2011	020	80	13.5	2/18/2011	10:44	3.93E+02	2.90E+02	2.97E+02	2.63E-01	1.86E+00	2.15E+00	2.22E-01	4.96E+00	5.47E+00	-2.93E-01	6.02E+00	6.58E+00	NA	NA	NA						
MW-45-

TABLE 3
FIRST QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER, Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-49-42	Q2-2010	020	38.1	-23.4	4/23/2010	14:39	2.76E+03	3.26E+02	1.43E+02	1.75E+01	2.28E+00	7.01E-01	-5.63E+00	6.62E+00	6.01E+00	-1.68E+00	7.58E+00	7.64E+00	-3.23E+00	2.18E+01	2.51E+01	2.47E+03	1.97E+01	ND	ND	ND	MW-49-42
MW-49-42	Q3-2010	021	38.1	-23.4	8/11/2010	11:00	2.27E+03	2.72E+02	1.30E+02	1.85E+01	1.67E+00	3.91E-01	4.80E+00	7.88E+00	9.85E+00	-2.34E+00	8.76E+00	9.06E+00	-1.91E+00	1.65E+01	1.96E+01						
MW-49-42	Q4-2010	022	38.1	-23.4	11/11/2010	14:13	2.39E+03	2.73E+02	4.02E+02	1.99E+01	1.65E+00	1.12E+00	8.48E-01	6.79E+00	9.79E+00	3.75E+00	5.42E+00	1.30E+01	4.00E+00	8.14E+00	1.80E+01						
MW-49-42	Q1-2011	023	38.1	-23.4	1/28/2011	13:00	2.45E+03	5.38E+02	3.86E+02	2.30E+01	4.02E+00	2.02E+00	-1.07E+00	5.74E+00	6.21E+00	-2.45E+00	5.50E+00	5.32E+00	-3.26E+00	1.86E+01	2.18E+01						
MW-49-65	Q2-2010	020	60	-45.4	4/23/2010	15:17	1.55E+03	2.63E+02	1.50E+02	1.04E+01	1.85E+00	6.37E-01	6.11E+00	1.36E+01	9.18E+00	-2.53E-01	1.17E+01	1.35E+01	-1.29E+01	1.96E+01	2.32E+01	1.55E+03	1.21E+01	ND	ND	ND	MW-49-65
MW-49-65	Q3-2010	021	60	-45.4	8/11/2010	11:19	1.32E+03	2.16E+02	1.28E+02	1.24E+01	1.44E+00	4.49E-01	-1.12E+01	1.22E+01	1.43E+01	-2.58E-01	9.88E+00	1.11E+01	-6.74E-01	1.80E+01	2.13E+01						
MW-49-65	Q4-2010	022	60	-45.4	11/11/2010	14:18	1.37E+03	2.34E+02	3.97E+02	1.41E+01	1.45E+00	1.34E+00	6.99E+00	6.88E+00	1.07E+01	3.39E-01	5.37E+00	1.18E+01	-3.41E+00	9.31E+00	2.09E+01						
MW-49-65	Q1-2011	023	60	-45.4	1/28/2011	13:15	1.94E+03	5.02E+02	3.85E+02	1.15E+01	3.28E+00	2.06E+00	-6.30E-01	4.96E+00	5.21E+00	7.15E-01	5.20E+00	5.81E+00	-9.08E+00	1.83E+01	2.20E+01						
MW-50-42	Q2-2010	021	42	-27.1	4/30/2010	12:34	1.36E+03	2.46E+02	1.68E+02	4.36E+00	1.33E+00	8.88E-01	8.49E-01	7.56E+00	8.38E+00	-1.97E+00	5.09E+00	5.04E+00	-1.48E+01	2.25E+01	2.61E+01	7.37E+02	5.49E+00	ND	ND	ND	MW-50-42
MW-50-42	Q3-2010	022	42	-27.1	8/4/2010	13:11	1.61E+02	1.25E+02	1.28E+02	8.43E+00	1.42E+00	5.63E-01	-1.94E+00	8.65E+00	9.25E+00	1.30E-01	8.05E+00	9.05E+00	0.00E+00	1.59E+01	1.88E+01						
MW-50-42	Q4-2010	023	42	-27.1	11/12/2010	12:10	8.67E+02	1.83E+02	1.22E+02	3.73E+00	1.31E+00	9.89E-01	2.40E+00	5.71E+00	6.76E+00	2.73E+00	5.58E+00	6.94E+00	-7.36E+00	1.79E+01	2.15E+01						
MW-50-42	Q1-2011	024	42	-27.1	2/25/2011	12:36	5.61E+02	3.88E+02	3.85E+02	5.42E+00	2.34E+00	1.91E+00	-1.29E-01	5.46E+00	5.88E+00	-9.07E-01	4.42E+00	4.42E+00	-7.19E+00	1.82E+01	2.18E+01						
MW-50-66	Q2-2010	026	60	-45.1	4/30/2010	14:25	2.76E+03	3.21E+02	1.68E+02	2.99E+01	3.01E+00	8.81E-01	-1.86E+00	5.84E+00	6.18E+00	3.85E-01	5.38E+00	6.13E+00	-1.14E+01	2.19E+01	2.52E+01	3.44E+03	2.65E+01	ND	ND	ND	MW-50-66
MW-50-66	Q3-2010	027	60	-45.1	8/4/2010	16:38	3.51E+03	3.33E+02	1.34E+02	2.65E+01	2.28E+00	4.80E-01	3.52E+00	8.29E+00	9.99E+00	9.22E-01	9.18E+00	1.06E+01	2.07E+00	1.56E+01	1.81E+01						
MW-50-66	Q4-2010	028	60	-45.1	11/12/2010	12:30	3.72E+03	3.30E+02	1.20E+02	2.33E+01	2.71E+00	9.50E-01	-1.39E+00	6.21E+00	6.79E+00	-1.67E+00	6.95E+00	7.30E+00	3.25E-01	1.88E+01	2.18E+01						
MW-50-66	Q1-2011	029	60	-45.1	2/25/2011	12:36	3.76E+03	6.18E+02	3.83E+02	2.61E+01	4.02E+00	2.13E+00	2.94E+00	7.20E+00	8.24E+00	6.79E-01	8.00E+00	9.10E+00	-2.80E+00	1.81E+01	2.12E+01						
MW-51-40	Q2-2010	015	39.7	28	4/8/2010	13:58	9.55E+01	1.32E+02	1.44E+02	-1.04E-01	7.30E-01	8.98E-01	8.94E-01	8.25E+00	9.56E+00	-1.94E+00	9.18E+00	9.55E+00	NA	NA	NA	1.59E+02	ND	ND	ND	NA	MW-51-40
MW-51-40	Q3-2010	016	39.7	28	8/25/2010	16:29	1.70E+02	1.07E+02	1.03E+02	-4.31E-02	3.11E-01	4.19E-01	-2.48E+00	6.53E+00	6.17E+00	1.46E+00	5.21E+00	6.37E+00	NA	NA	NA						
MW-51-40	Q4-2010	017	39.7	28	11/30/2010	12:54	1.48E+02	1.41E+02	1.44E+02	1.46E-01	6.05E-01	7.12E-01	1.54E+00	4.28E+00	4.95E+00	1.72E+00	4.17E+00	4.95E+00	NA	NA	NA						
MW-51-40	Q1-2011	018	39.7	28	3/8/2011	10:18	1.02E+02	2.34E+02	2.67E+02	1.07E+00	1.51E+00	1.61E+00	-7.97E+00	1.21E+01	1.36E+01	2.42E+00	7.30E+00	8.76E+00	NA	NA	NA						
MW-51-79	Q2-2010	015	78.7	-11	4/8/2010	14:21	6.44E+01	1.33E+02	1.51E+02	4.88E-01	8.07E-01	9.02E-01	4.35E+00	8.89E+00	1.11E+01	4.52E+00	1.00E+01	1.28E+01	NA	NA	NA	1.10E+02	ND	ND	ND	NA	MW-51-79
MW-51-79	Q3-2010	016	78.7	-11	8/25/2010	16:47	1.10E+02	9.84E+01	1.01E+02	5.81E-01	8.23E-01	8.92E-01	5.29E+00	6.13E+00	7.76E+00	1.58E+00	6.71E+00	7.88E+00	NA	NA	NA						
MW-51-79	Q4-2010	017	78.7	-11	11/30/2010	13:08	3.11E+01	1.21E+02	1.44E+02	-1.22E-01	4.32E-01	5.24E-01	-8.30E-01	4.13E+00	4.54E+00	9.98E-01	4.02E+00	4.66E+00	NA	NA	NA						
MW-51-79	Q1-2011	018	78.7	-11	3/8/2011	10:34	1.36E+02	2.46E+02	2.70E+02	-2.03E-01	1.22E+00	1.53E+00	2.42E+00	5.42E+00	6.52E+00	-2.74E+00	7.36E+00	6.45E+00	NA	NA	NA						
MW-51-104	Q2-2010	013	103.7	-36	4/8/2010	10:42	1.10E+02	1.34E+02	1.45E+02	1.26E-01	7.62E-01	8.99E-01	-5.36E-01	8.43E+00	9.34E+00	2.15E+00	7.96E+00	9.79E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-104
MW-51-104	Q3-2010	014	103.7	-36	8/25/2010	13:18	1.33E+02	1.37E+02	1.44E+02	7.62E-01	8.15E-01	8.20E-01	8.90E-01	5.75E+00	6.63E+00	-2.70E-01	4.96E+00	5.47E+00	NA	NA	NA						
MW-51-104	Q4-2010	015	103.7	-36	11/30/2010	9:55	8.54E+01	1.33E+02	1.47E+02	3.74E-01	7.18E-01	8.12E-01	-1.43E-01	3.99E+00	4.55E+00	2.19E-01	4.56E+00	5.05E+00	NA	NA	NA						
MW-51-104	Q1-2011	016	103.7	-36	3/8/2011	12:10	5.76E+01	3.10E+02	3.55E+02	8.91E-01	1.47E+00	1.60E+00	2.54E+00	7.20E+00	8.14E+00	9.02E-01	5.50E+00	6.24E+00	NA	NA	NA						
MW-51-135	Q2-2010	013	135.2	-67.5	4/8/2010	11:06	5.86E+01	1.31E+02	1.50E+02	-2.09E-02	5.99E-01	7.85E-01	-7.04E-03	8.73E+00	9.88E+00	-4.95E-01	1.04E+01	1.19E+01	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-135
MW-51-135	Q3-2010	014	135.2	-67.5	8/25/2010	13:21	1.36E+02	1.41E+02	1.47E+02	-2.33E-01	4.44E-01	6.70E-01	-6.64E-01	6.15E+00	6.80E+00	1.74E+00	6.62E+00	7.77E+00	NA	NA	NA						
MW-51-135	Q4-2010	015	135.2	-67.5	11/30/2010	9:57	9.53E+01	1.33E+02	1.45E+02	4.21E-01	7.13E-01	7.98E-01	-5.11E-01	4.18E+00	4.61E+00	-2.98E-01	4.20E+00	4.58E+00	NA	NA	NA						
MW-51-135	Q1-2011	016	135.2	-67.5	3/8/2011	12:44	8.29E+01	2.24E+02	2.62E+02	8.62E-01	1.31E+00	1.42E+00	8.60E-02	6.02E+00	6.77E+00	2.37E+00	5.96E+00	7.38E+00	NA	NA	NA						
MW-51-163	Q2-2010	013	162.7	-95	4/8/2010	11:31	5.35E+01	1.27E+02	1.46E+02	-7.65E-02	6.06E-01	8.13E-01	-2.95E+00	8.55E+00	8.74E+00	-1.50E+00	1.04E+01	1.10E+01	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-163
MW-51-163	Q3-2010	014	162.7	-95	8/25/2010	13:51	8.26E+01	9.75E+01	1.05E+02	-1.08E-01	3.98E-01	5.31E-01	3.91E+00	6.72E+00	8.11E+00	8.67E-01	6.32E+00	7.26E+00	NA	NA	NA						
MW-51-163	Q4-2010	015	162.7	-95	11/30/2010	10:02	9.01E+01	1.31E+02	1.44E+02	-3.11E-01	6.98E-01	9.94E-01	1.23E+00	8.07E+00	4.14E+00	3.30E-01	3.94E+00	4.43E+00	NA	NA	NA						
MW-51-163	Q1-2011	016	162.7	-95	3/8/2011	13:01	0.00E+00	1.96E+02	2.63E+02	-5.97E-01	1.39E+00	1.98E+00	2.81E+00	6.54E+00	7.66E+00	5.35E-01	7.76E+00	8.69E+00	NA	NA	NA						
MW-51-189	Q2-2010	013	189.2	-121.5	4/8/2010	11:16	5.35E+01	1.27E+02	1.46E+02	3.25E-01	7.35E-01	8.47E-01	-2.07E+00	8.19E+00	8.51E+00	3.45E-01	7.39E+00	8.29E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-51-189
MW-51-189	Q3-2010	014	189.2	-121.5	8/25/2010	13:13	5.86E+01	9.38E+01	1.04E+02	4.40E-02	5.97E-01	7.65E-01	2.87E+00	5.64E+00	6.69E+00	-8.03E-01	5.85E+00	6.25E+00	NA	NA	NA						
MW-51-189	Q4-2010	015	189.2	-121.5	11/30/2010	9:56	6.91E+01	1.29E+02	1.46E+02	1.93E-01	7.99E-01	9.81E-01	-7.45E-01	4.98E+00	4.51E+00	-3.16E-01	4.61E+00	5.06E+00	NA	NA	NA						
MW-51-189*	Q1-2011	016	189.2	-121.5	3/8/2011	12:30	-1.50E+01	1.93E+02	2.68E+02	-3.06E-01	1.46E+00	1.97E+00	3.77E+01*	1.47E+01	6.28E+00	2.28E-01	5.28E+00	5.79E+00	NA	NA	NA						
MW-52-11	Q2-2010	005	10	6.8	5/5/2010	12:26	3.73E+02	1.74E+02	1.83E+02	1.89E-01	4.77E-01	5.62E-01	2.14E+00	5.99E+00	6.97E+00	-2.04E+00	5.91E+00	6.08E+00	NA	NA	NA	3.73E+02	ND	ND	ND	NA	MW-52-11
MW-52-18	Q2-2010	005	17.5	-2.6	5/5/2010	16:19	3.01E+02	1.71E+02	1.83E+02	8.08E-02	4.19E-01	5.26E-01	1.60E+00	5.61E+00	6.44E+00	9.40E-01	5.42E+00	6.22E+00	NA	NA	NA	3.01E+02	ND	ND	ND	NA	MW-52-18
MW-52-48	Q2-2010	005	48	-33.1	5/5/2010	16:43	1.60E+02	1.65E+02	1.82E+02	6.40E-01	6.58E-01	6.90E-01	-6.17E-01	6.04E+00	6.70E+00	-1.90E-01	5.13E+00	5.67E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-48
MW-52-64	Q2-2010	005	64	-49.1	5/5/2010	12:52	7.62E+01	1.61E+02	1.81E+02	-2.23E-01	7.02E-01	9.13E-01	-1.12E+00	5.21E+00	4.96E+00	1.49E+00	4.05E+00	4.98E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-64
MW-52-122	Q2-2010	005	122	-107.1	5/5/2010	14:57	6.46E+01	1.64E+02	1.84E+02	1.59E-01	4.66E-01	5.60E-01	3.04E-02	5.33E+00	6.01E+00	-3.25E+00	6.25E+00	6.14E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-122
MW-52-162	Q2-2010	005	161.5	-146.6	5/5/2010	12:39	2.60E+02	1.70E+02	1.83E+02	-7.86E-02	4.15E-01	5.66E-01	-1.54E+00	5.52E+00	5.96E+00	3.03E+00	5.68E+00	7.13E+00	NA	NA	NA	2.60E+02	ND	ND	ND	NA	MW-52-162
MW-52-181	Q2-2010	005	181	-166.1	5/5/2010	12:47	2.18E+02	1.70E+02	1.84E+02	2.80E-01	4.29E-01	4.67E-01	-2.64E-01	5.64E+00	6.37E+00	-2.38E+00	6.40E+00	6.61E+00	NA	NA	NA	2.18E+02	ND	ND	ND	NA	MW-52-181
MW-53-82	Q2-2010	015	75	-4.7	4/15/2010	15:14	4.71E+03	6.56E+02	3.96E+02	4.06E-01	7.37E-01	8.29E-01	4.40E+00	1.27E+01	1.51E+01	-4.95E+00	1.13E+01	1.13E+01	1.39E+00	1.89E+01	2.19E+01	2.54E+03	ND	ND	ND	ND	MW-53-82
MW-53-82	Q3-2010	016	75	-4.7	7/30/2010	12:32	2.25E+03	2.66E+02	1.27E+02	3.34E-01	3.83E-01	4.00E-01	-3.03E+00	8.36E+00	8.46E+00	-1.90E+00	8.00E+00	8.03E+00	-1.45E+01	1.77E+01	2.23E+01						
MW-53-82	Q4-2010	017	75	-4.7	10/27/2010	12:07	2.59E+03	2.79E+02	1.10E+02	8.07E-01	7.90E-01	8.26E-01	-3.74E-02	5.82E+00	6.57E+00	1.14E-01	6.23E+00	7.00E+00	NA	NA	NA						
MW-53-82	Q1-2011	018	75	-4.7	3/3/2011	11:53	5.95E+02	3.76E+02	3.73E+02	1.61E+00	1.82E+00	1.91E+00	3.61E+00	6.18E+00	7.60E+00	-1.88E+00	7.02E+00	7.25E+00	-7.63E+00	1.59E+01	1.85E+01						
MW-53-120	Q2-2010	019	109.8	-39.5	4/15/2010	14:36	4.10E+03	6.14E+02	3.86E+02	3.32E+01	2.69E+00	9.06E-01	-6.92E+00	8.73E+00	8.19E+00	2.24E-01	8.74E+00	9.97E+00	7.53E+00	1.96E+01	2.22E+01	3.92E+03	3.05E+01	ND	ND	ND	MW-53-120
MW-53-120	Q3-2010	020	109.8	-39.5	7/30/2010	14:36	3.81E+03	3.38E+02	1.28E+02	2.97E+01	2.22E+00	4.77E-01	2.10E+00	7.32E+00	8.49E+00	-2.43E+00	8.14E+00	8.95E+00	3.59E+00	1.91E+01	2.21E+01						
MW-53-120	Q4-2010	021	109.8	-39.5	10/27/2010	12:48	3.91E+03	3.38E+02	1.11E+02	2.96E+01	2.91E+00	7.02E-01	2.32E+00	5.07E+00	6.00E+00	-9.52E-01	5.46E+00	5.76E+00	NA	NA	NA						
MW-53-120	Q1-2011	022	109.8	-39.5	3/3/2011	12:00	3.84E+03	7.18E+02	3.89E+02	2.95E+01	3.76E+00	1.13E+00	2.30E+00	7.32E+00	8.49E+00	-2.43E+00	8.14E+00	8.13E+00	1.00E+01	1.70E+01	1.87E+01						
MW-54-37	Q2-2010	013	36.5	-23.4	5/3/2010	14:09	1.18E+03	2.25E+02	1.38E+02	4.71E+00	1.26E+00	6.67E-01	-3.67E+00	8.43E+00	8.56E+00	1.69E+00	9.49E+00	1.14E+01	3.61E+00	2.07E+01	2.36E+01	1.29E+03	4.53E+00	ND	ND	ND	MW-54-37
MW-54-37	Q3-2010	014	36.5	-23.4	8/4/2010	14:32	1.21E+03	2.10E+02	1.30E+02	4.00E+00	8.07E-01	3.32E-01	-4.96E-01	7.38E+00	8.14E+00	-3.97E+00	9.63E+00	9.58E+00	-3.50E+00	1.50E+01	1.80E+01						
MW-54-37	Q4-2010	015	36.5	-23.4	11/23/2010	14:47	1.45E+03	2.27E+02	1.26E+02	4.51E+00	1.42E+00	9.84E-01	-2.09E+00	5.46E+00	5.80E+00	-6.89E-01	6.35E+00	6.93E+00	-2.56E+00	1.81E+01	2.15E+01						
MW-54-37	Q1-2011	016	36.5	-23.4	2/1/2011	14:10	1.33E+03	4.86E+02	3.78E+02	4.88E+00	1.77E+00	1.26E+00	-1.42E+00	5.54E+00	5.67E+00	3.12E-01	6.42E+00	7.04E+00	-2.81E+00	1.59E+01	1.82E+01						
MW-54-58	Q2-2010	013	57.5	-44.4	5/3/2010	14:23	1.11E+03	2.25E+02	1.42E+02	1.44E+00	8.33E-01	6.81E-01	6.00E-01	1.10E+01	1.30E+01	-4.85E-01	8.46E+00	9.38E+00	6.55E+00	1.99E+01	2.26E+01	9.14E+02	1.79E+00	ND	ND	ND	MW-54-58
MW-54-58	Q3-2010	014	57.5	-44.4	8/4/2010	14:35	7.67E+02	1.79E+02	1.28E+02	1.36E+00	6.88E-01	6.20E-01	-3.95E+00	9.51E+00	9.85E+00	8.15E-01	1.14E+01	1.32E+01	-5.38E-01	1.44E+01	1.70E+01						
MW-54-58	Q4-2010	015	57.5	-44.4	11/23/2010	14:55	8.21E+02	1.80E+02	1.23E+02	2.67E+00	1.13E+00	9.76E-01	3.83E+00	6.50E+00	7.88E+00	2.75E+00	6.57E+00	8.00E+00	-3.94E+00	1.86E+01	2.21E+01						
MW-54-58	Q1-2011	016	57.5	-44.4	2/1/2011	14:22	9.58E+02	4.56E+02	3.92E+02	1.68E+00	1.34E+00	1.28E+00	-4.20E-02	7.14E+00	7.94E+00	-2.21E+00	6.84E+00	6.82E+00	-4.89E+00	1.66E+01	1.92E+01						
MW-54-123	Q2-2010	013	123	-109.9	5/3/2010	15:08	9.16E+02	2.04E+02	1.37E+02	2.25E+00	1.12E+00	8.35E-01	-3.24E+00	8.00E+00	8.03E+00	5.74E-01	9.62E+00	1.09E+01	-6.51E+00	1.94E+01	2.25E+01	8.98E+02	3.86E+00	ND	ND	ND	MW-54-123
MW-54-123	Q3-2010	014	123	-109.9	8/4/2010	14:49	7.83E+02	1.80E+02	1.28E+02	2.98E+00	7.55E-01	4.15E-01	1.53E+00	9.99E+00	1.16E+01	-9.37E-01	8.21E+00	8.72E+00	-5.12E+00	1.64E+01	1.97E+01						
MW-54-123	Q4-2010	015	123	-109.9	11/23/2010	15:12	8.12E+02	1.80E+02	1.22E+02	7.65E+00	1.46E+00	9.15E-01	2.19E+00	6.74E+00	7.78E+00	-1.25E+00	6.18E+00	6.62E+00	9.26E+00	1.91E+01	2.15E+01						
MW-54-123	Q1-2011	016	123	-109.9	2/1/2011	14:11	1.08E+03	4.68E+02	3.90E+02	2.56E+00	1.39E+00	1.08E+00	-3.56E-01	6.02E+00	6.69E+00	-3.66E-03	5.16E+00	5.75E+00	2.50E+00	1.66E+01	1.87E+01						
MW-54-144	Q2-2010	013	144	-130.9	5/3/2010	11:41	1.28E+03	2.40E+02	1.45E+02	1.37E+01	2.04E+00	6.93E-01	-3.08E+00	7.11E+00	7.03E+00	-4.60E+00	8.03E+00	6.97E+00	-6.93E+00	2.11E+01	2.46E+01	1.35E+03	1.14E+01	ND	ND	ND	MW-54-144
MW-54-144	Q3-2010	014	144	-130.9	8/4/2010	11:44	1.44E+03	2.28E+02	1.33E+02	1.17E+01	1.42E+00	4.70E-01	8.96E+00	1.13E+01	1.44E+01	1.72E+00	8.79E+00	1.06E+01	1.78E+00	1.89E+01	2.21E+01						
MW-54-144	Q4-2010	015	144	-130.9	11/23/2010	12:30	1.34E+03	2.15E+02	1.21E+02	1.08E+01	1.36E+00	5.83E-01	1.02E+00	7.82E+00	8.59E+00	-3.87E+00	6.48E+00	5.93E+00	2.30E+00	1.91E+01	2.21E+01						
MW-54-144	Q1-2011	016	144	-130.9	2/1/2011	12:34	1.35E+03	4.96E+02	3.87E+02	9.31E+00	2.24E+00	1.06E+00	-9.04E-01	6.14E+00	6.70E+00	-6.36E-01	6.20E+00	6.74E+00	-4.27E+00	1.58E+01	1.82E+01						
MW-54-173	Q2-2010	013	172.5	-159.4	5/3/2010	11:47	2.03E+03	2.84E+02	1.42E+02	6.28E+00	1.42E+00	5.94E-01	-3.87E-01	8.87E+00	9.74E+00	2.77E+00	7.82E+00	9.75E+00	-1.68E+00	2.03E+01	2.33E+01	1.68E+03	5.68E+00	ND	ND	ND	MW-54-173
MW-54-173	Q3-2010	014	172.5	-159.4	8/4/2010	12:09	1.53E+03	2.31E+02	1.30E+02	5.97E+00	1.02E+00	3.24E-01	-7.48E+00	8.07E+00	7.10E+00	-4.86E-01	9.46E+00	1.08E+01	-1.31E+00	1.68E+01	1.99E+01						
MW-54-173	Q4-2010	015	172.5	-159.4	11/23/2010	12:25	1.51E+03	2.28E+02	1.24E+02	4.65E+00	1.28E+00	8.17E-01	-1.84E+00	7.05E+00	7.31E+00	-1.82E+00	6.23E+00	6.51E+00	2.22E+00	1.84E+01	2.14E+01						
MW-54-173	Q1-2011	016	172.5	-159.4	2/1/2011	12:29	1.66E+03	5.26E+02	3.81E+02	5.81E+00	1.88E+00	1.10E+00	-2.87E-01	8.00E+00	8.79E+00	1.01E+00	1.06E+01	1.20E+01	-5.49E+00	1.77E+01	2.05E+01						
MW-54-190	Q2-2010	013	190	-176.9	5/3/2010	12:01	1.71E+03	2.67E+02	1.44E+02	2.22E+01	2.61E+00	6.32E-01	3.80E+00	1.05E+01	1.25E+01	-3.30E+00	1.11E+01	1.14E+01	-6.89E+00	2.24E+01	2.60E+01	1.78E+03	1.85E+01	ND	ND	ND	MW-54-190
MW-54-190	Q3-2010	014	190	-176.9	8/4/2010	12:34	1.60E+03	2.33E+02	1.28E+02	1.57E+01	1.51E+00	2.87E-01	-1.62E+00	8.25E+00	8.88E+00	-1.20E+00	8.80E+00	9.41E+00	-3.22E+00	1.84E+01	2.21E+01						
MW-54-190	Q4-2010	015	190	-176.9	11/23/2010	12:22	1.93E+03	2.55E+02	1.27E+02	1.92E+01	1.89E+00	7.12E-01	-9.64E-01	6.04E+00	6.61E+00	-2.29E+00	6.71E+00	6.79E+00	-3.18E-01	1.81E+01	2.14E+01						
MW-54-190	Q1-2011	016	190	-176.9	2/1/2011	12:25	1.89E+03	5.56E+02	3.90E+02	1.68E+01	3.36E+00	1.28E+00	4.59E-01	6.34E+00	7.14E+00	-3.55E+00	5.96E+00	5.21E+00	1.71E+00	1.67E+01	1.89E+01						
MW-55-24	Q2-2010	014	16	2.3	4/21/2010	14:08	1.62E+03	4.65E+02	3.90E+02	1.94E+01	2.09E+00	8.38E-01	-1.91E+00	7.13E+00	7.46E+00	6.66E-01	9.22E+00	1.03E+01	-7.52E-01	1.79E+01	2.07E+01	1.31E+03	1.24E+01	ND	ND	ND	MW-55-24
MW-55-24	Q3-2010	015	16	2.3	8/6/2010	13:11	1.21E+03	2.12E+02	1.30E+02	8.64E+00	1.22E+00	4.51E-01	1.13E+00	8.94E+00	1.04E+01	8.02E-01	8.22E+00	9.59E+00	1.17E+01	1.64E+01	1.81E+01						
MW-55-24	Q4-2010	016	16	2.3	11/1/2010	14:10	1.39E+03	2.09E+02	1.65E+02	1.08E+01	1

TABLE 3
FIRST QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER, Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-58-65	Q2-2010	010	54	-39.4	4/30/2010	13:51	3.59E+02	1.64E+02	1.72E+02	7.38E-02	5.17E-01	6.40E-01	1.50E+00	8.09E+00	9.07E+00	3.34E-01	5.75E+00	6.60E+00	NA	NA	NA	4.20E+02	ND	ND	ND	NA	MW-58-65
MW-58-65	Q4-2010	011	54	-39.4	11/11/2010	13:53	4.81E+02	1.88E+02	1.45E+02	7.15E-01	7.72E-01	8.31E-01	2.61E-01	3.71E+00	4.18E+00	3.74E+00	4.41E+00	5.49E+00	NA	NA	NA						
MW-60-35	Q2-2010 Mid	013	34.9	-22.4	5/10/2010	15:58	2.85E+02	1.46E+02	1.35E+02	2.89E-02	5.05E-01	6.56E-01	-1.78E+00	7.56E+00	8.03E+00	-1.43E+00	9.12E+00	9.76E+00	4.12E-01	2.24E+01	2.56E+01	2.60E+02	ND	ND	ND	ND	MW-60-35
MW-60-35	Q3-2010	014	34.9	-22.4	8/16/2010	14:43	2.35E+02	1.42E+02	1.41E+02	3.19E-01	6.48E-01	7.39E-01	3.02E-01	5.73E+00	6.47E+00	-1.36E+00	6.23E+00	6.68E+00	-4.52E+00	2.14E+01	2.52E+01						
MW-60-35	Q4-2010	015	34.9	-22.4	11/18/2010	13:25	2.44E+02	1.85E+02	4.00E+02	-5.33E-01	6.54E-01	1.73E+00	9.47E-01	4.80E+00	1.08E+01	-4.28E-01	4.56E+00	9.75E+00	-1.11E+01	8.47E+00	1.92E+01						
MW-60-35	Q1-2011	016	34.9	-22.4	2/11/2011	12:17	3.20E+02	3.72E+02	3.88E+02	9.73E-01	1.63E+00	1.78E+00	2.69E+00	6.24E+00	7.46E+00	1.22E-01	3.76E+00	4.24E+00	-1.61E+00	1.62E+01	1.84E+01						
MW-60-53	Q2-2010 Mid	013	53.4	-40.9	5/10/2010	16:31	3.45E+02	1.58E+02	1.41E+02	-9.87E-02	4.95E-01	6.82E-01	8.10E-01	7.58E+00	8.81E+00	-2.08E+00	8.49E+00	9.02E+00	-5.02E+00	2.07E+01	2.40E+01	3.02E+02	ND	ND	ND	ND	MW-60-53
MW-60-53	Q3-2010	014	53.4	-40.9	8/16/2010	15:34	2.58E+02	1.50E+02	1.60E+02	-2.84E-02	4.87E-01	6.04E-01	-8.42E+00	7.92E+00	7.70E+00	-2.64E+00	6.03E+00	6.02E+00	-8.48E+00	1.98E+01	2.37E+01						
MW-60-53	Q4-2010	015	53.4	-40.9	11/18/2010	12:22	2.49E+02	1.83E+02	3.96E+02	-4.58E-01	4.20E-01	1.32E+00	4.54E-01	4.11E+00	9.15E+00	2.23E+00	3.57E+00	8.75E+00	1.10E+01	8.93E+00	1.96E+01						
MW-60-53	Q1-2011	016	53.4	-40.9	2/11/2011	10:57	3.19E+02	3.70E+02	3.87E+02	7.44E-01	1.52E+00	1.70E+00	-2.03E+00	5.88E+00	6.16E+00	1.39E+00	7.96E+00	8.33E+00	-1.39E+00	1.50E+01	1.72E+01						
MW-60-72	Q2-2010 Mid	013	72.4	-59.9	5/10/2010	12:11	3.01E+02	1.52E+02	1.40E+02	1.57E-02	5.49E-01	7.10E-01	-3.66E+00	1.29E+01	1.58E+01	-7.77E+00	1.16E+01	1.10E+01	-6.97E+00	2.07E+01	2.41E+01	3.01E+02	ND	ND	ND	ND	MW-60-72
MW-60-72	Q3-2010	014	72.4	-59.9	8/17/2010	11:59	2.33E+01	1.23E+02	1.44E+02	1.97E-01	5.90E-01	6.91E-01	-5.91E-01	5.40E+00	6.06E+00	-1.59E+00	6.08E+00	6.57E+00	1.19E+00	2.04E+01	2.37E+01						
MW-60-72	Q4-2010	015	72.4	-59.9	11/16/2010	13:17	-2.51E+01	1.68E+02	3.98E+02	5.83E-02	5.15E-01	1.33E+00	2.12E+00	5.34E+00	1.26E+01	-3.92E+00	5.67E+00	1.09E+01	-1.14E+01	8.32E+00	1.89E+01						
MW-60-72	Q1-2011	016	72.4	-59.9	2/10/2011	12:54	3.64E+02	3.76E+02	3.84E+02	2.41E-01	1.45E+00	1.70E+00	-5.10E-02	9.12E+00	1.01E+01	2.27E+00	8.84E+00	1.07E+01	2.12E+00	1.54E+01	1.75E+01						
MW-60-135	Q2-2010 Mid	013	134.9	-122.4	5/10/2010	12:21	4.18E+02	1.80E+02	1.65E+02	-9.46E-02	6.05E-01	8.55E-01	1.55E+00	7.70E+00	9.03E+00	6.68E-03	8.37E+00	9.36E+00	-8.62E+00	2.04E+01	2.38E+01	3.34E+02	ND	ND	ND	ND	MW-60-135
MW-60-135	Q3-2010	014	134.9	-122.4	8/17/2010	12:09	1.87E+02	1.39E+02	1.43E+02	-2.74E-01	5.38E-01	7.27E-01	-3.46E+00	8.41E+00	9.07E+00	-1.52E+00	6.30E+00	6.70E+00	8.77E-01	2.11E+01	2.45E+01						
MW-60-135	Q4-2010	015	134.9	-122.4	11/16/2010	13:22	2.41E+02	1.82E+02	3.96E+02	-4.96E-02	7.62E-01	1.88E+00	9.16E-01	5.37E+00	1.20E+01	1.02E+00	4.53E+00	1.03E+01	8.67E-01	8.52E+00	1.90E+01						
MW-60-135	Q1-2011	016	134.9	-122.4	2/10/2011	13:04	3.98E+02	3.78E+02	3.83E+02	1.14E+00	1.82E+00	1.98E+00	1.72E+00	6.72E+00	7.79E+00	2.24E-01	7.44E+00	8.25E+00	-3.56E+00	1.52E+01	1.76E+01						
MW-60-154	Q2-2010 Mid	013	154.4	-141.9	5/10/2010	12:32	4.38E+02	1.85E+02	1.69E+02	3.52E-01	6.25E-01	7.01E-01	-1.33E+00	8.40E+00	9.22E+00	1.61E-01	7.65E+00	8.61E+00	-5.15E+00	2.13E+01	2.46E+01	4.36E+02	ND	ND	ND	ND	MW-60-154
MW-60-154	Q3-2010	014	154.4	-141.9	8/17/2010	12:18	2.93E+02	1.50E+02	1.45E+02	-2.33E-01	5.00E-01	6.61E-01	-4.41E-01	6.04E+00	6.67E+00	1.95E+00	6.78E+00	8.02E+00	-1.16E+00	2.13E+01	2.48E+01						
MW-60-154	Q4-2010	015	154.4	-141.9	11/16/2010	13:40	4.68E+02	1.94E+02	3.98E+02	3.29E-01	8.30E-01	1.94E+00	-5.28E+00	4.02E+00	7.52E+00	-2.29E-01	5.09E+00	1.11E+01	-4.54E+00	7.93E+00	1.78E+01						
MW-60-154	Q1-2011	016	154.4	-141.9	2/10/2011	12:53	5.44E+02	4.02E+02	3.87E+02	2.32E-02	8.50E-01	1.07E+00	-4.12E+00	9.26E+00	8.97E+00	9.91E-01	7.86E+00	9.12E+00	4.61E+00	1.52E+01	1.71E+01						
MW-60-176	Q2-2010 Mid	013	175.9	-163.4	5/10/2010	13:29	9.93E+02	2.24E+02	1.63E+02	-3.09E-01	4.52E-01	6.99E-01	-5.66E-01	8.13E+00	9.07E+00	9.92E-01	8.25E+00	9.76E+00	0.00E+00	2.04E+01	2.34E+01	9.40E+02	ND	ND	ND	ND	MW-60-176
MW-60-176	Q3-2010	014	175.9	-163.4	8/17/2010	12:51	8.13E+02	1.91E+02	1.44E+02	-6.59E-01	6.48E-01	9.01E-01	1.23E-01	6.43E+00	7.32E+00	1.35E+00	5.80E+00	6.97E+00	0.00E+00	2.13E+01	2.48E+01						
MW-60-176	Q4-2010	015	175.9	-163.4	11/16/2010	14:06	8.33E+02	2.10E+02	3.97E+02	9.07E-01	9.42E-01	2.10E+00	-1.97E+00	4.38E+00	9.04E+00	2.85E+00	4.70E+00	1.12E+01	-6.40E+00	7.91E+00	1.78E+01						
MW-60-176	Q1-2011	016	175.9	-163.4	2/10/2011	10:31	1.12E+03	4.68E+02	3.85E+02	2.58E-01	1.49E+00	1.74E+00	4.88E+00	1.13E+01	6.69E+00	-1.75E+00	6.70E+00	6.74E+00	7.24E+00	1.62E+01	1.79E+01						
MW-62-18	Q2-2010	013	13.5	1.2	4/13/2010	15:17	2.04E+02	1.34E+02	1.42E+02	2.74E-02	6.16E-01	7.97E-01	-1.48E+00	4.05E+00	4.37E+00	6.69E-01	5.38E+00	4.96E+00	NA	NA	NA	2.04E+02	ND	ND	ND	NA	MW-62-18
MW-62-18	Q3-2010	014	13.5	1.2	8/3/2010	13:00	1.14E+02	1.32E+02	1.44E+02	6.60E-01	6.55E-01	6.80E-01	3.08E+00	8.40E+00	1.03E+01	5.07E+00	1.02E+01	1.32E+01	NA	NA	NA						
MW-62-18	Q4-2010	015	13.5	1.2	11/9/2010	11:57	7.48E+01	1.71E+02	3.86E+02	-1.05E-02	6.10E-01	1.54E+00	2.87E+00	4.59E+00	1.07E+01	-6.86E-01	4.79E+00	1.01E+01	NA	NA	NA						
MW-62-18	Q1-2011	016	13.5	1.2	2/24/2011	12:49	1.81E+02	3.60E+02	4.00E+02	-3.86E-01	1.71E+00	2.13E+00	2.12E-01	4.74E+00	5.18E+00	3.58E+00	5.46E+00	6.78E+00	NA	NA	NA						
MW-62-37	Q2-2010	013	34.5	-19.8	4/13/2010	15:22	2.59E+02	2.07E+02	2.26E+02	5.46E-01	7.33E-01	7.81E-01	-2.42E+00	3.86E+00	4.07E+00	1.34E+00	4.04E+00	4.80E+00	NA	NA	NA	2.25E+02	ND	ND	ND	NA	MW-62-37
MW-62-37	Q3-2010	014	34.5	-19.8	8/3/2010	12:52	1.91E+02	1.43E+02	1.47E+02	-1.52E-02	5.47E-01	6.85E-01	-9.69E-01	8.78E+00	9.70E+00	-5.33E+00	9.12E+00	7.92E+00	NA	NA	NA						
MW-62-37	Q4-2010	015	34.5	-19.8	11/9/2010	11:56	6.09E+01	1.70E+02	3.85E+02	7.62E-01	6.69E-01	1.47E+00	-8.46E-02	4.49E+00	9.91E+00	3.83E+00	4.28E+00	1.07E+01	NA	NA	NA						
MW-62-37	Q1-2011	016	34.5	-19.8	2/24/2011	12:52	3.05E+02	3.76E+02	4.00E+02	5.14E-01	1.84E+00	2.13E+00	1.07E+00	6.06E+00	6.86E+00	-2.84E+00	6.38E+00	6.28E+00	NA	NA	NA						
MW-62-53	Q2-2010	012	53.1	-40.3	4/13/2010	15:27	3.25E+02	1.44E+02	1.47E+02	-1.84E-02	5.67E-01	7.67E-01	1.33E+00	3.35E+00	3.87E+00	-1.52E+00	5.03E+00	4.08E+00	NA	NA	NA	2.42E+02	ND	ND	ND	NA	MW-62-53
MW-62-53	Q3-2010	013	53.1	-40.3	8/3/2010	12:20	1.59E+02	1.40E+02	1.47E+02	3.13E-01	5.61E-01	6.32E-01	2.99E+00	1.11E+01	1.33E+01	2.39E-01	7.18E+00	8.24E+00	NA	NA	NA						
MW-62-53	Q4-2010	014	53.1	-40.3	11/9/2010	12:49	2.05E+02	1.77E+02	3.88E+02	8.32E-02	6.79E-01	1.59E+00	-4.23E+00	4.83E+00	9.52E+00	-2.68E+00	5.26E+00	1.04E+01	NA	NA	NA						
MW-62-53	Q1-2011	016	53.1	-40.3	2/24/2011	12:57	3.08E+02	3.78E+02	4.03E+02	8.98E-01	1.94E+00	2.18E+00	-2.62E-01	4.72E+00	5.23E+00	-1.84E+00	5.58E+00	5.81E+00	NA	NA	NA						
MW-62-71	Q2-2010	013	71.1	-58.3	4/13/2010	13:45	3.77E+02	2.16E+02	2.30E+02	-2.24E-01	5.64E-01	8.12E+00	-6.51E-01	4.44E+00	4.86E+00	-3.24E+00	5.89E+00	4.62E+00	NA	NA	NA	4.14E+02	ND	ND	ND	NA	MW-62-71
MW-62-71	Q3-2010	014	71.1	-58.3	8/3/2010	11:30	3.25E+02	1.70E+02	1.77E+02	2.44E-01	3.75E-01	4.12E-01	-2.03E+00	8.37E+00	8.99E+00	1.86E+00	9.87E+00	1.16E+01	NA	NA	NA						
MW-62-71	Q4-2010	015	71.1	-58.3	11/9/2010	11:02	4.17E+02	1.83E+02	3.82E+02	-6.74E-02	6.02E-01	1.52E+00	-6.58E-01	3.90E+00	8.41E+00	-4.59E+00	5.63E+00	1.09E+01	NA	NA	NA						
MW-62-71	Q1-2011	016	71.1	-58.3	2/24/2011	12:40	5.38E+02	4.06E+02	4.03E+02	1.28E-01	1.22E+00	1.48E+00	4.10E+00	1.18E+01	6.67E+00	-2.36E-01	5.00E+00	5.47E+00	NA	NA	NA						
MW-62-92	Q2-2010	013	91.6	-78.8	4/13/2010	13:38	5.96E+02	1.55E+02	1.44E+02	1.77E-01	6.88E-01	8.34E-01	1.16E+00	3.72E+00	4.24E+00	7.23E-03	3.75E+00	4.13E+00	NA	NA	NA	4.76E+02	ND	ND	ND	NA	MW-62-92
MW-62-92	Q3-2010	014	91.6	-78.8	8/3/2010	11:32	3.18E+02	1.68E+02	1.76E+02	4.11E-01	5.37E-01	5.80E-01	-3.42E+00	8.13E+00	8.38E+00	-4.99E-01	7.59E+00	8.36E+00	NA	NA	NA						
MW-62-92	Q4-2010	015	91.6	-78.8	11/9/2010	11:15	4.82E+02	1.88E+02	3.86E+02	-9.75E-01	7.72E-01	1.95E+00	-2.96E+00	5.42E+00	1.17E+01	1.77E+00	4.84E+00	1.12E+01	NA	NA	NA						
MW-62-92	Q1-2011	016	91.6	-78.8	2/24/2011	12:39	5.09E+02	4.00E+02	4.02E+02	9.56E-01	1.85E+00	2.06E+00	1.68E+00	5.38E+00	6.27E+00	-1.45E+00	5.68E+00	5.86E+00	NA	NA	NA						
MW-62-138	Q2-2010	013	138.1	-125.3	4/13/2010	18:02	6.54E+02	1.59E+02	1.46E+02	1.28E+00	7.41E-01	6.91E-01	-7.33E-01	6.39E+00	5.98E+00	-2.36E+00	6.71E+00	5.83E+00	NA	NA	NA	5.87E+02	1.63E+00	ND	ND	NA	MW-62-138
MW-62-138	Q3-2010	014	138.1	-125.3	8/3/2010	14:09	5.91E+02	1.82E+02	1.76E+02	1.47E+00	7.40E-01	6.56E-01	3.83E+00	7.26E+00	8.95E+00	-1.73E+00	7.35E+00	7.39E+00	NA	NA	NA						
MW-62-138	Q4-2010	015	138.1	-125.3	11/9/2010	14:31	3.31E+02	2.07E+02	4.46E+02	-1.05E-01	6.18E-01	1.57E+00	-1.42E+00	4.04E+00	8.57E+00	2.51E+00	4.68E+00	1.11E+01	NA	NA	NA						
MW-62-138	Q1-2011	016	138.1	-125.3	2/24/2011	14:54	5.17E+02	4.00E+02	4.01E+02	2.15E+00	1.77E+00	1.75E+00	-1.67E+00	4.72E+00	4.94E+00	1.88E+00	7.04E+00	8.19E+00	NA	NA	NA						
MW-62-182	Q2-2010	013	182.1	-169.3	4/13/2010	18:18	4.77E+02	1.52E+02	1.46E+02	2.86E-01	6.55E-01	7.61E-01	9.81E-01	3.93E+00	4.57E+00	3.69E-01	4.09E+00	4.65E+00	NA	NA	NA	4.10E+02	ND	ND	ND	NA	MW-62-182
MW-62-182	Q3-2010	014	182.1	-169.3	8/3/2010	14:02	2.78E+02	1.65E+02	1.75E+02	2.87E-01	7.05E-01	8.30E-01	-5.53E+00	1.24E+01	1.51E+01	-9.25E-01	8.00E+00	8.64E+00	NA	NA	NA						
MW-62-182	Q4-2010	015	182.1	-169.3	11/9/2010	14:43	4.76E+02	1.88E+02	3.87E+02	1.02E+00	6.77E-01	1.46E+00	-2.35E+00	4.16E+00	8.56E+00	1.99E+00	5.26E+00	1.21E+01	NA	NA	NA						
MW-62-182	Q1-2011	016	182.1	-169.3	2/24/2011	15:07	3.55E+02	3.84E+02	4.03E+02	-1.46E-01	1.45E+00	1.94E+00	-1.95E+00	6.24E+00	6.60E+00	5.86E-01	6.60E+00	7.33E+00	NA	NA	NA						
MW-63-18	Q2-2010	013	14.9	0.7	4/26/2010	13:22	3.16E+02	1.55E+02	1.47E+02	-7.37E-02	6.62E-01	8.66E-01	3.73E-01	5.22E+00	5.91E+00	3.24E+00	6.03E+00	7.50E+00	NA	NA	NA	3.34E+02	ND	ND	ND	NA	MW-63-18
MW-63-18	Q3-2010	014	14.9	0.7	8/10/2010	12:08	1.62E+02	1.58E+02	1.73E+02	-1.55E-02	3.48E-01	4.72E-01	-6.04E-01	7.20E+00	8.11E+00	-2.17E+00	6.42E+00	6.45E+00	NA	NA	NA						
MW-63-18	Q4-2010	015	14.9	0.7	11/2/2010	12:22	1.97E+02	1.18E+02	1.13E+02	1.31E-01	6.87E-01	8.18E-01	1.81E+00	5.46E+00	6.40E+00	3.45E+00	6.55E+00	8.07E+00	NA	NA	NA						
MW-63-18	Q1-2011	016	14.9	0.7	3/2/2011	11:10	4.90E+02	3.58E+02	3.55E+02	-4.34E-01	1.50E+00	2.03E+00	1.82E+00	6.78E+00	7.90E+00	2.40E+00	7.38E+00	8.82E+00	NA	NA	NA						
MW-63-34	Q2-2010	013	31.5	-17.3	4/26/2010	13:21	2.89E+02	1.53E+02	1.47E+02	-3.04E-01	7.18E-01	9.93E-01	-5.64E-01	5.55E+00	5.88E+00	-1.09E+00	5.19E+00	5.37E+00	NA	NA	NA	2.79E+02	ND	ND	ND	NA	MW-63-34
MW-63-34	Q3-2010	014	31.5	-17.3	8/10/2010	11:44	1.89E+02	1.64E+02	1.78E+02	2.21E-01	3.59E-01	3.95E-01	2.60E+00	9.29E+00	1.06E+01	3.10E+00	7.21E+00	9.27E+00	NA	NA	NA						
MW-63-34	Q4-2010	015	31.5	-17.3	11/2/2010	13:04	3.41E+02	1.35E+02	1.14E+02	3.11E-01	5.72E-01	6.45E-01	1.16E-01	5.66E+00	6.29E+00	-2.31E+00	6.33E+00	6.51E+00	NA	NA	NA						
MW-63-34	Q1-2011	016	31.5	-17.3	3/2/2011	10:50	2.98E+02	2.86E+02	2.62E+02	-4.29E-01	1.57E+00	2.11E+00	7.43E-02	7.96E+00	8.82E+00	-2.10E+00	8.42E+00	8.59E+00	NA	NA	NA						
MW-63-50	Q2-2010	013	49.5	-37.2	4/26/2010	12:06	4.13E+02	1.62E+02	1.45E+02	2.38E-01	5.82E-01	6.82E-01	-5.57E+00	1.01E+01	1.12E+01	-4.30E+00	6.74E+00	6.45E+00	NA	NA	NA	3.62E+02	ND	ND	ND	NA	MW-63-50
MW-63-50	Q3-2010	014	49.5	-37.2	8/10/2010	14:32	2.72E+02	1.65E+02	1.75E+02	-2.47E-02	5.47E-01	6.90E-01	-1.32E+00	7.10E+00	7.82E+00	7.73E-01	7.74E+00	8.96E+00	NA	NA	NA						
MW-63-50	Q4-2010	015	49.5	-37.2	11/2/2010	15:07	3.29E+02	1.31E+02	1.12E+02	2.27E-01	6.23E-01	7.23E-01	-2.98E-02	7.72E+00	8.42E+00	2.76E+00	8.00E+00	9.78E+00	NA	NA	NA						
MW-63-50	Q1-2011	016	49.5	-37.2	3/2/2011	14:21	4.35E+02	3.40E+02	3.44E+02	1.73E-01	1.62E+00	2.03E+00	1.13E+00	6.50E+00	7.48E+00	3.64E+00	7.02E+00	8.70E+00	NA	NA	NA						
MW-63-93	Q2-2010	014	93	-80.7	4/26/2010	12:42	3.03E+02	1.55E+02	1.47E+02	-2.90E-02	5.61E-01	7.42E-01	-6.91E-01	5.55E+00	6.23E+00	-3.69E+00	5.52E+00	5.35E+00	NA	NA	NA	2.46E+02	ND	ND	ND	NA	MW-63-93
MW-63-93	Q3-2010	015	93	-80.7	8/10/2010	15:10	1.95E+02	1.61E+02	1.74E+02	-1.91E-01	4.38E-01	6.16E-01	1.24E+00	6.64E+00	7.70E+00	2.61E-01	7.58E+00	8.46E+00	NA	NA	NA						
MW-63-93	Q4-2010	016	93	-80.7	11/2/2010	15:08	2.39E+02	1.21E+02	1.11E+02	3.29E-01	5.72E-01	6.42E-01	-4.18E-02	4.95E+00	5.64E+00	3.38E+00	5.80E+00	7.11E+00	NA	NA	NA						
MW-63-93	Q1-2011	017	93	-80.7	3/2/2011	14:14	2.69E+02	3.00E+02	2.94E+02	3.30E-01	1.79E+00	2.17E+00	-1.51E+00	8.78E+00	9.05E+00	3.38E+00	7.56E+00	9.56E+00	NA	NA	NA						
MW-63-112	Q2-2010	013	111.5	-99.2	4/26/2010	12:39	4.47E+02	1.64E+02	1.42E+02	4.81E-01	5.84E-01	6.06E-01	4.15E+00	6.75E+00	8.37E+00	4.44E+00	7.86E+00	9.87E+00	NA	NA	NA	3.64E+02	ND	ND	ND	NA	MW-63-112
MW-63-112	Q3-2010	014	111.5	-99.2	8/10/2010	14:52	3.71E+02	1.73E+02	1.78E+02	2.83E-01	4.37E-01	4.78E-01	-3.00E+00	7.68E+00	7.90E+00	-5.28E+00	9.73E+00	9.11E+00	NA	NA	NA						
MW-63-112	Q4-2010	015	111.5	-99.2	11/2/2010	15:05	3.01E+02	1.29E+02	1.13E+02	6.02E-02	6.51E-01	6.51E-01	-2.54E+00	6.29E+00	6.56E+00	1.90E+00	6.72E+00	7.95E+00	NA	NA	NA						
MW-63-112	Q1-2011	016	111.5	-99.2	3/2/2011	14:15	3.38E+02	3.18E+02	2.96E+02	1.48E-01	1.60E+00	2.00E+00	-3.72E-01	6.70E+00	7.21E+00	1.19E+00	6.36E+00	7.21E+00	NA	NA	NA						
MW-63-121	Q2-2010	013	121	-108.7	4/26/2010	12:59	6.06E+02	1.80E+02	1.46E+02	4.17E-01	6.09E-01	6.57E-01	3.57E+00	6.06E+00	7.40E+00	1.16E+00	6.13E+00	7.15E+00	NA	NA	NA	5.42E+02	ND	ND	ND	NA	MW-63-121
MW-63-121	Q3-2010	014	121	-108.7	8/10/2010	11:28	5.39E+02	1.80E+02	1.77E+02	3.67E-01	5.93E-01	6.58E-01	-9.48E-01	8.12E+00	8.95E+00	-6.58E-01	8.76E+00	9.58E+00	NA	NA	NA						
MW-63-121	Q4-2010	015	121	-108.7	11/2/2010	11:46	5.20E+02	1.49E+02	1.10E+02	6.38E-01	7.57E-01	8.11E-01	1.17E+00	6.66E+00	7.68E+00	-4.06E+00	7.17E+00	6.83E+00	NA	NA	NA						
MW-63-121	Q1-2011	016	121	-108.7	3/2/2011	11:10	5.03E+02	3.54E+02	2.94E+02	-6.82E-02	1.55E+00	2.03E+00	-6.26E-01	6.72E+00	7.20E+00	3.49E-01	6.00E+00	6.67E+00	NA	NA	NA						
MW-63-163	Q2-2010	013	162.5	-150.2	4/26/2010	14:30	5.29E+02	1.70E+02	1.43E+02	1.98E-01	5.64E-01	6.75E-01	-1.45E+00	7.71E+00	8.86E+00	-2.98E+00	6.17E+00	5.91E+00	NA	NA	NA	4.98E+02	ND	ND	ND	NA	MW-63-163
MW-63-163	Q3-2010	014	162.5	-150.2	8/10/2010	11:21	4.13E+02	1.74E+02	1.78E+02	2.45E-01	4.43E-01	4.98E-01	-6.87E-01	8.55E+00	9.17E+00	-5.25E-01	8.23E+00	9.24E+00	NA	NA	NA						
MW-63-163	Q4-2010	015	162.5	-150.2	11/2/2010	11:49	4.44E+02	1.41E+02	1.10E+02	7.71E-01	8.38E-01	8.77E-01	-3.99E+00	9.88E+00	1.10E+01	2.94E+00	6.12E+00	7.63E+00	NA	NA	NA						
MW-63-163	Q1-2011	016	162.5	-150.2	3/2/2011	10:27	6.05E+02	3.76E+02	2.95E+02	1.37E+00	1.99E+00	2.12E+00	3.09E+00	5.40E+00	6.62E+00	-2.05E+00	7.72E+00	7.12E+00	NA	NA	NA						
MW-63-174	Q2-2010	013	174	-161.7	4/26/2010	14:28	4.98E+02	1.71E+02	1.46E+02	-1.69E-02	5.53E-01	7.24E-01	2.68E+00	4.74E+00	5.86E+00	-4.68E+00	5.26E+00	4.32E+00	NA	NA	NA	3.77E+02	ND	ND	ND	NA	MW-63-174
MW-63-174	Q3-2010	014	174	-161.7	8/10/2010	11:40	3.33E+02	1.65E+02	1.71E+02	3.54E-01	5.43E-01	6.01E-01	-3.32E+00	7.07E+00	6.89E+00	-1.41E+00	7.84E+00	8.11E+00	NA	NA	NA						
MW-63-174	Q4-2010	015

TABLE 3
FIRST QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER, Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-67-173	Q2-2010	013	172.3	-159.8	5/6/2010	16:03	6.78E+02	2.03E+02	1.66E+02	-1.35E-01	4.87E-01	7.07E-01	-3.30E+00	9.64E+00	1.02E+01	-8.48E-01	1.00E+01	1.11E+01	-7.30E+00	2.01E+01	2.37E+01	6.58E+02	ND	ND	ND	ND	MW-67-173
MW-67-173	Q3-2010	014	172.3	-159.8	8/9/2010	11:07	6.72E+02	1.71E+02	1.27E+02	7.70E-02	4.44E-01	5.35E-01	-7.06E-01	1.34E+01	1.68E+01	6.44E-01	8.97E+00	1.04E+01	-1.44E+00	1.14E+01	1.34E+01						
MW-67-173	Q4-2010	015	172.3	-159.8	11/10/2010	12:04	6.25E+02	2.01E+02	3.97E+02	-9.99E-01	6.33E-01	1.86E+00	4.02E-01	7.80E+00	1.12E+01	-1.17E+00	4.83E+00	1.03E+01	-1.65E+00	8.09E+00	1.81E+01						
MW-67-173	Q1-2011	016	172.3	-159.8	2/7/2011	14:13	4.47E+02	4.48E+02	4.65E+02	-2.38E-01	1.68E+00	2.12E+00	-4.75E-01	5.28E+00	5.83E+00	7.55E-01	6.38E+00	5.76E+00	-7.05E-01	1.88E+01	2.18E+01						
MW-67-219	Q2-2010	012	218.8	-206.3	5/6/2010	11:51	1.20E+03	2.40E+02	1.66E+02	1.78E-01	6.31E-01	7.71E-01	2.27E+00	8.87E+00	1.05E+01	2.35E+00	7.38E+00	9.29E+00	-7.98E+00	1.95E+01	2.31E+01	1.03E+03	ND	ND	ND	ND	MW-67-219
MW-67-219	Q3-2010	013	218.8	-206.3	8/9/2010	13:33	1.11E+03	2.01E+02	1.25E+02	9.94E-02	5.32E-01	6.41E-01	-7.99E-01	8.14E+00	9.12E+00	-6.19E+00	9.03E+00	8.33E+00	2.34E+00	1.21E+01	1.39E+01						
MW-67-219	Q4-2010	014	218.8	-206.3	11/10/2010	13:40	1.15E+03	2.24E+02	3.96E+02	3.53E-01	7.28E-01	1.78E+00	-2.80E-01	3.60E+00	7.62E+00	2.49E-01	3.62E+00	7.89E+00	-4.41E+00	8.84E+00	1.98E+01						
MW-67-219	Q1-2011	015	218.8	-206.3	1/31/2011	14:48	6.41E+02	4.18E+02	4.20E+02	-1.08E+00	1.42E+00	1.97E+00	9.72E-01	5.80E+00	6.44E+00	2.44E+00	5.46E+00	6.55E+00	-4.58E+00	1.81E+01	2.14E+01						
MW-67-276	Q2-2010	012	275.3	-262.8	5/6/2010	12:20	1.09E+03	2.33E+02	1.65E+02	-1.16E-01	5.38E-01	7.47E-01	-1.34E+00	7.98E+00	8.70E+00	2.02E+00	9.16E+00	1.09E+01	9.78E+00	2.03E+01	2.27E+01	9.77E+02	ND	ND	ND	ND	MW-67-276
MW-67-276	Q3-2010	013	275.3	-262.8	8/9/2010	13:36	9.33E+02	1.86E+02	1.22E+02	4.00E-01	4.66E-01	4.98E-01	2.56E+00	7.23E+00	8.80E+00	-2.39E+00	8.22E+00	8.27E+00	9.94E+00	1.28E+01	1.42E+01						
MW-67-276	Q4-2010	014	275.3	-262.8	11/10/2010	14:16	1.01E+03	2.18E+02	3.96E+02	-7.85E-01	5.64E-01	1.77E+00	1.94E+00	4.26E+00	9.92E+00	-5.48E+00	4.42E+00	7.40E+00	5.46E+00	8.55E+00	1.89E+01						
MW-67-276	Q1-2011	015	275.3	-262.8	1/31/2011	14:31	8.75E+02	4.18E+02	3.87E+02	-2.57E-02	1.66E+00	2.03E+00	-2.56E+00	8.76E+00	8.16E+00	6.49E-01	6.48E+00	7.20E+00	-7.18E-01	1.92E+01	2.22E+01						
MW-67-323	Q2-2010	012	322.3	-309.8	5/6/2010	12:30	4.44E+02	1.83E+02	1.67E+02	-1.63E-01	4.58E-01	6.67E-01	-2.50E+00	7.72E+00	7.87E+00	2.97E-01	8.21E+00	9.30E+00	-1.13E+01	1.96E+01	2.33E+01	4.38E+02	ND	ND	ND	ND	MW-67-323
MW-67-323	Q3-2010	013	322.3	-309.8	8/9/2010	13:23	4.32E+02	1.48E+02	1.23E+02	6.38E-01	6.31E-01	6.53E-01	1.47E+00	6.88E+00	8.02E+00	3.28E-01	6.72E+00	7.56E+00	-4.51E+00	1.37E+01	1.63E+01						
MW-67-323	Q4-2010	014	322.3	-309.8	11/10/2010	14:03	3.88E+02	1.89E+02	3.94E+02	1.89E-01	8.21E-01	2.01E+00	2.70E+00	4.61E+00	1.06E+01	3.11E-01	5.07E+00	1.12E+01	-3.22E+00	7.93E+00	1.78E+01						
MW-67-323	Q1-2011	015	322.3	-309.8	1/31/2011	15:04	3.38E+02	3.70E+02	3.90E+02	2.58E-01	1.71E+00	2.03E+00	2.47E-01	5.70E+00	6.35E+00	8.12E-03	5.80E+00	6.35E+00	-5.93E+00	1.90E+01	2.25E+01						
MW-67-340	Q2-2010	012	339.8	-327.3	5/6/2010	12:24	6.57E+02	2.00E+02	1.65E+02	-2.13E-01	4.66E-01	7.01E-01	-2.61E+00	7.77E+00	8.17E+00	3.62E-01	8.78E+00	1.00E+01	-5.47E+00	1.94E+01	2.28E+01	5.58E+02	ND	ND	ND	ND	MW-67-340
MW-67-340	Q3-2010	013	339.8	-327.3	8/9/2010	13:20	4.86E+02	1.55E+02	1.25E+02	-3.81E-02	5.00E-01	6.29E-01	1.20E+00	7.44E+00	8.75E+00	-2.42E+00	6.98E+00	7.06E+00	2.60E+00	1.45E+01	1.67E+01						
MW-67-340	Q4-2010	014	339.8	-327.3	11/10/2010	13:53	5.31E+02	1.97E+02	3.95E+02	-8.93E-01	5.00E-01	1.64E+00	1.72E+00	4.50E+00	1.03E+01	-2.97E+00	3.90E+00	7.25E+00	2.25E+00	8.84E+00	1.97E+01						
MW-67-340	Q1-2011	015	339.8	-327.3	1/31/2011	14:53	2.75E+02	3.58E+02	3.83E+02	-7.06E-01	1.51E+00	1.99E+00	4.30E-01	6.34E+00	7.02E+00	-1.15E+00	6.54E+00	6.88E+00	-5.79E+00	1.85E+01	2.20E+01						
MW-107	Q2-2010	009	32.7	110.1	4/22/2010	10:11	9.67E+01	1.64E+02	1.83E+02	-7.61E-02	5.23E-01	6.74E-01	9.25E-01	6.08E+00	6.99E+00	-1.88E+00	7.25E+00	7.56E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-107
MW-111	Q2-2010	032	16.5	2.4	4/21/2010	14:48	3.35E+04	1.07E+03	1.91E+02	1.48E+00	7.26E-01	6.28E-01	6.79E+00	6.54E+00	4.32E+00	1.70E+00	4.37E+00	5.18E+00	NA	NA	NA	4.12E+04	1.64E+00	6.79E+00	ND	NA	MW-111
MW-111	Q3-2010	033	16.5	2.4	8/27/2010	15:21	3.86E+04	1.13E+03	1.28E+02	6.44E-01	8.07E-01	8.55E-01	-8.83E-01	6.30E+00	6.59E+00	1.88E+00	5.70E+00	6.84E+00	NA	NA	NA						
MW-111	Q3-2010 Mid	034	16.5	2.4	9/10/2010	14:09	4.69E+04	1.37E+03	1.40E+02	1.80E+00	1.00E+00	8.02E-01	-5.04E+00	6.84E+00	6.88E+00	-5.62E-01	6.84E+00	7.62E+00	NA	NA	NA						
MW-111	Q4-2010	035	16.5	2.4	11/1/2010	14:55	4.59E+04	1.34E+03	1.27E+02	3.47E-01	5.90E-01	6.60E-01	-1.99E-01	5.63E+00	6.38E+00	5.49E+00	5.91E+00	7.25E+00	NA	NA	NA						
U3-4D	Q2-2010	024	25.6	-10.8	4/12/2010	12:49	1.07E+03	2.06E+02	1.77E+02	-4.68E-02	5.46E-01	7.39E-01	-5.85E+00	9.33E+00	8.95E+00	-2.13E+00	8.04E+00	7.89E+00	NA	NA	NA	7.74E+02	ND	ND	ND	NA	U3-4D
U3-4D	Q3-2010	025	25.6	-10.8	7/23/2010	13:21	6.84E+02	1.86E+02	1.77E+02	-1.56E-01	4.60E-01	6.46E-01	2.21E+00	7.56E+00	8.91E+00	-1.01E+00	7.61E+00	8.14E+00	NA	NA	NA						
U3-4D	Q4-2010	026	25.6	-10.8	10/28/2010	14:04	7.12E+02	1.68E+02	1.13E+02	2.26E-01	4.89E-01	5.61E-01	2.75E+00	5.75E+00	6.97E+00	1.33E+00	7.82E+00	9.00E+00	NA	NA	NA						
U3-4D	Q1-2011	027	25.6	-10.8	2/17/2011	14:41	6.28E+02	4.14E+02	4.05E+02	-8.34E-02	1.55E+00	1.95E+00	1.24E+00	4.72E+00	5.29E+00	8.61E-01	4.84E+00	5.47E+00	NA	NA	NA						
U3-4S	Q3-2010	001			7/23/2010	14:12	3.74E+02	1.74E+02	1.79E+02	3.76E-01	4.15E-01	4.21E-01	9.00E-01	8.51E+00	9.30E+00	1.89E+00	7.75E+00	9.37E+00	NA	NA	NA	3.63E+02	ND	ND	ND	NA	U3-4S
U3-4S	Q4-2010	002			10/29/2010	11:40	3.51E+02	1.32E+02	1.10E+02	3.86E-01	5.82E-01	6.43E-01	1.64E+00	5.59E+00	6.52E+00	-2.02E+00	5.91E+00	6.14E+00	NA	NA	NA						
U3-T1	Q2-2010	028	5.7	2.8	5/5/2010	16:54	5.00E+02	1.79E+02	1.84E+02	6.48E-02	4.95E-01	5.97E-01	-3.25E+00	8.98E+00	1.04E+01	-8.61E-01	6.62E+00	7.16E+00	NA	NA	NA	4.61E+02	ND	ND	ND	NA	U3-T1
U3-T1	Q3-2010	029	5.7	2.8	7/26/2010	12:15	3.84E+02	1.74E+02	1.78E+02	1.20E-02	3.91E-01	4.99E-01	5.07E+00	7.68E+00	9.77E+00	-6.61E-01	6.96E+00	7.49E+00	NA	NA	NA						
U3-T1	Q4-2010	030	5.7	2.8	10/29/2010	16:04	3.04E+02	1.28E+02	1.10E+02	4.84E-02	6.36E-01	7.68E-01	-8.56E-01	6.04E+00	6.70E+00	1.59E+00	5.73E+00	6.79E+00	NA	NA	NA						
U3-T1	Q1-2011	031	5.7	2.8	2/22/2011	11:11	6.55E+02	4.08E+02	3.92E+02	1.62E+00	1.96E+00	2.02E+00	1.80E+00	1.05E+01	6.14E+00	2.12E+00	6.42E+00	7.54E+00	NA	NA	NA						
U3-T2	Q2-2010	033	5.7	2.6	5/7/2010	13:05	9.75E+02	1.95E+02	1.83E+02	6.31E-01	6.31E-01	6.58E-01	-2.27E+00	5.70E+00	5.99E+00	-1.66E+00	6.62E+00	6.97E+00	NA	NA	NA	1.40E+03	ND	ND	ND	NA	U3-T2
U3-T2	Q3-2010	034	5.7	2.6	7/26/2010	14:26	8.76E+02	1.92E+02	1.74E+02	5.34E-01	6.12E-01	6.47E-01	-2.12E+00	7.50E+00	7.69E+00	2.29E+00	7.21E+00	8.84E+00	NA	NA	NA						
U3-T2	Q4-2010	035	5.7	2.6	10/29/2010	11:22	1.47E+03	2.19E+02	1.11E+02	4.22E-01	6.79E-01	7.56E-01	-6.11E-02	5.42E+00	6.11E+00	3.00E+00	5.47E+00	6.89E+00	NA	NA	NA						
U3-T2	Q1-2011	036	5.7	2.6	2/22/2011	14:30	2.27E+03	4.92E+02	3.62E+02	1.82E+00	2.04E+00	2.05E+00	3.65E+00	6.08E+00	7.29E+00	5.97E-01	7.12E+00	7.85E+00	NA	NA	NA						
U1-CSS	Q2-2010	014	14	6.1	5/3/2010	15:58	1.88E+03	2.79E+02	1.70E+02	8.95E+00	1.81E+00	8.92E-01	4.61E-01	5.87E+00	6.66E+00	3.94E+00	5.22E+00	6.88E+00	-1.79E+01	2.18E+01	2.53E+01	2.07E+03	1.04E+01	ND	ND	ND	U1-CSS
U1-CSS	Q4-2010	015	14	6.1	11/8/2010	14:56	2.26E+03	2.72E+02	1.26E+02	1.18E+01	1.45E+00	6.84E-01	2.29E+00	5.01E+00	5.93E+00	2.07E+00	5.61E+00	6.70E+00	3.16E-01	1.81E+01	2.13E+01						
U1-NCD	Q3-2010	008			7/15/2010	9:10	1.35E+04	4.41E+02	1.58E+02	5.06E+01	3.21E+00	7.59E-01	1.14E+04	1.42E+03	1.40E+01	7.51E-01	5.21E+00	6.03E+00	2.90E+02	3.39E+01	2.40E+01	8.42E+03	4.47E+01	1.17E+04	ND	2.61E+02	U1-NCD
U1-NCD	Q4-2010	009			10/20/2010	13:40	3.34E+03	3.23E+02	1.27E+02	3.88E+01	2.31E+00	6.39E-01	1.20E+04	1.47E+03	9.98E+00	-1.14E+00	4.96E+00	5.42E+00	2.31E+02	3.19E+01	2.23E+01						
U1-SFDS	Q3-2010	009			7/7/2010	8:45	6.44E+02	1.80E+02	1.45E+02	1.88E+01	2.10E+00	6.82E-01	2.09E+01	1.26E+01	7.48E+00	1.64E+00	7.91E+00	9.44E+00	3.42E+00	2.24E+01	2.58E+01	5.63E+02	1.53E+01	1.44E+01	ND	ND	U1-SFDS
U1-SFDS	Q4-2010	010			10/20/2010	8:45	4.82E+02	1.56E+02	1.26E+02	1.17E+01	1.83E+00	8.74E-01	7.99E+00	7.54E+00	5.78E+00	-8.31E-01	5.24E+00	5.67E+00	9.71E-01	1.86E+01	2.18E+01						
I-2	Q3-2010	001			8/2/2010	14:39	6.21E+01	1.53E+02	1.73E+02	-2.56E-01	3.72E-01	5.25E-01	7.04E+00	7.80E+00	1.02E+01	9.34E-02	6.54E+00	7.19E+00	NA	NA	NA	ND	ND	ND	ND	NA	I-2
I-2	Q4-2010	002			11/17/2010	14:25	1.74E+02	1.71E+02	3.78E+02	2.25E-01	6.25E-01	1.50E+00	-4.50E-01	5.04E+00	1.10E+01	3.35E+00	5.94E+00	1.40E+01	NA	NA	NA						
MH-5 VCFD[7]	Q2-2010 Mid	009			5/17/2010	10:15	4.33E+02	1.73E+02	1.79E+02	3.66E-01	5.84E-01	6.48E-01	2.13E+00	6.00E+00	7.18E+00	4.52E-01	6.63E+00	7.65E+00	NA	NA	NA	2.94E+03	ND	ND	ND	NA	MH-5 VCFD[7]
MH-5 VCFD	Q3-2010	010			8/5/2010	14:45	7.32E+02	1.89E+02	1.77E+02	5.37E-01	5.67E-01	5.84E-01	7.26E-01	7.72E+00	8.69E+00	-2.26E+00	6.93E+00	7.07E+00	NA	NA	NA						
MH-5 VCFD	Q3-2010	011			8/30/2010	13:30	9.96E+03	5.48E+02	1.26E+02	1.25E-01	3.21E-01	3.81E-01	1.50E+00	5.58E+00	6.48E+00	8.08E-01	6.51E+00	7.50E+00	NA	NA	NA						
MH-5 VCFD	Q3-2010 Mid	012			9/10/2010	15:30	8.80E+02	1.89E+02	1.25E+02	3.60E-01	7.11E-01	7.21E-01	6.45E+00	6.35E+00	7.44E+00	1.23E+00	5.71E+00	6.85E+00	NA	NA	NA						
MH-5 VCFD	Q4-2010	013			11/24/2010	11:10	4.60E+02	1.86E+02	1.47E+02	1.36E-01	7.57E-01	8.85E-01	1.75E+00	3.45E+00	4.02E+00	5.48E-01	3.79E+00	4.28E+00	NA	NA	NA						
MH-5 VCFD	Q1-2011	014			2/28/2011	9:47	5.17E+03	6.58E+02	3.66E+02	1.90E+00	1.99E+00	1.94E+00	3.45E-01	5.64E+00	6.19E+00	-1.28E+00	6.18E+00	6.45E+00	NA	NA	NA						
LAF-002	Q2-2010 Mid	013		-22.3	5/11/2010	13:44	-4.21E+01	1.32E+02	1.63E+02	6.55E-01	7.37E-01	7.78E-01	-1.49E+00	6.90E+00	7.60E+00	1.64E+00	6.08E+00	7.34E+00	-6.88E+00	2.21E+01	2.54E+01	ND	ND	ND	ND	ND	LAF-002
LAF-002	Q4-2010	014		-22.3	11/22/2010	14:41	1.02E+02	1.13E+02	1.21E+02	1.96E-01	4.62E-01	5.40E-01	-6.13E-01	6.13E+00	6.83E+00	-1.60E+00	5.88E+00	6.15E+00	3.65E+00	1.77E+01	2.05E+01						
B-1[7]	Q2-2010	008			4/23/2010	16:44	8.15E+02	1.91E+02	1.85E+02	2.22E-01	5.20E-01	6.03E-01	9.79E+00	7.91E+00	6.38E+00	5.59E-01	6.24E+00	7.21E+00	NA	NA	NA	5.25E+03	ND	1.82E+01	ND	NA	B-1[7]
B-1	Q3-2010	009			8/17/2010	15:40	1.40E+04	6.48E+02	1.27E+02	1.25E-01	6.43E-01	7.91E-01	2.27E+01	1.06E+01	5.87E+00	2.96E+00	6.00E+00	7.45E+00	NA	NA	NA						
B-1	Q4-2010	010			11/17/2010	11:10	2.37E+03	2.72E+02	3.86E+02	6.87E-01	7.68E-01	1.72E+00	1.89E+01	6.46E+00	7.93E+00	8.39E-01	4.32E+00	9.74E+00	NA	NA	NA						
B-1	Q1-2011	011			2/14/2011	15:44	3.82E+03	5.88E+02	3.65E+02	5.41E-02	1.70E+00	2.14E+00	2.15E+01	1.22E+01	6.75E+00	-1.81E+00	7.00E+00	7.25E+00	NA	NA	NA						
B-6[7]	Q2-2010 Mid	008			5/18/2010	9:40	4.48E+01	1.62E+02	1.84E+02	-1.02E-01	4.47E-01	5.71E-01	5.39E-01	5.58E+00	6.34E+00	2.39E-01	5.50E+00	6.27E+00	NA	NA	NA	8.39E+02	ND	ND	ND	NA	B-6[7]
B-6	Q3-2010	009			8/5/2010	13:43	1.49E+02	1.62E+02	1.79E+02	1.12E-01	8.02E-01	9.78E-01	2.32E+00	6.57E+00	8.03E+00	-9.21E-02	8.23E+00	9.37E+00	NA	NA	NA						
B-6	Q4-2010	010			11/8/2010	11:45	1.05E+02	1.33E+02	1.43E+02	1.43E-01	6.60E-01	7.68E-01	0.00E+00	5.04E+00	6.20E+00	-3.20E-01	4.70E+00	5.29E+00	NA	NA	NA						
B-6	Q1-2011	011			2/28/2011	11:27	8.39E+02	3.90E+02	3.65E+02	6.28E-01	1.78E+00	2.05E+00	4.45E+00	5.82E+00	7.02E+00	-1.35E+00	6.50E+00	6.88E+00	NA	NA	NA						

Notes:
1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. All analytical results from the last 12 months from each location are provided. Monitoring locations are sampled quarterly, bi-annually, or annually, and as necessary during the year.
3. Sampling depths within sampling intervals (i.e. location of pump intake) have been located adjacent to a transmissive zone where possible.
4. Averages provided are analytical result averages of all valid samples (including mid-quarter and confirmatory samples) collected from each monitoring location from the second quarter of 2010 (Q2-2010) to the first quarter of 2011 (Q1-2011) including the post Q1-2011 samples. Monitoring locations are sampled quarterly, bi-annually, or annually and additional samples are collected when necessary. Therefore, some results provided are the average of more than 4 samples. For quarters in which samples were reanalyzed due to potential false positives, both results were used to calculate averages if subsequent results confirmed the validity of the original sample/analysis. For cases in which reanalysis discredited the validity of the original sample result, the replacement results were used to calculate the average. If analytical results resulted in resampling, and the resample result discredited the validity of the original sample result of a particular radionuclide, the original sample results were not used for any radionuclides and only the resample result was used. For cases in which an aliquot of the original sample was reanalyzed, if the result of the aliquot confirmed the original result, then the aliquot result and the original result were averaged and the average of the two was used to calculate the rolling average. If the aliquot result indicated the original result was false, then only the aliquot result was used to calculate the rolling average.
5. NA indicates that the constituent was not analyzed.
6. ND indicates that all of the analytical results used to calculate the average were less than MDC and/or 3 times the 1 sigma uncertainty.
7. These locations are storm drains or foundation drains.
8. Mid-quarter samples were collected and analyzed to evaluate the potential effect of certain operations on groundwater quality.
9. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.

* The Q1 2011 MW-40-100, MW-40-127 and MW-51-189 Cs-137 results were verified by re-analysis. However, based on the available chemistry and Site hydrogeologic data, these values do not appear to be representative of the groundwater conditions at these sampling intervals.

See Page 5 for Notes

TABLE 3
SECOND QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[2]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-30-69	Q3-2010	033	69.3	6.4	7/28/2010	12:33	1.28E+05	3.72E+03	1.80E+02	9.14E-02	5.26E-01	6.35E-01	-5.08E-01	9.69E+00	1.09E+01	1.67E+00	7.46E+00	9.20E+00	NA	NA	NA	1.16E+05	2.40E+00	ND	ND	NA	MW-30-69
MW-30-69	Q3-2010	034	69.3	6.4	8/20/2010	15:08	1.11E+05	3.24E+03	2.02E+02	3.53E-01	7.80E-01	9.08E-01	-3.14E+00	5.22E+00	5.12E+00	-2.41E+00	5.25E+00	5.03E+00	NA	NA	NA						
MW-30-69	Q3-2010 Mid	035	69.3	6.4	9/8/2010	12:35	1.23E+05	3.65E+03	4.47E+02	1.93E-01	4.41E-01	5.14E-01	-1.10E+00	4.42E+00	4.87E+00	1.40E+00	4.72E+00	5.73E+00	NA	NA	NA						
MW-30-69	Q4-2010	036	69.3	6.4	11/5/2010	11:56	1.25E+05	1.88E+03	4.34E+02	9.69E-01	8.79E-01	1.94E+00	-3.68E+00	3.94E+00	7.79E+00	-5.01E+00	5.09E+00	9.47E+00	NA	NA	NA						
MW-30-69	Q1-2011	037	69.3	6.4	2/9/2011	12:17	1.01E+05	2.18E+03	2.98E+02	1.62E+00	1.93E+00	2.00E+00	1.87E+00	5.80E+00	6.74E+00	-1.13E-01	5.88E+00	6.44E+00	NA	NA	NA						
MW-30-69	Q1-2011 Mid	038	69.3	6.4	3/31/2011	11:38	1.08E+05	3.40E+03	4.72E+02	-6.11E-01	1.63E+00	2.15E+00	2.48E+00	7.96E+00	9.14E+00	-1.41E+00	6.70E+00	6.46E+00	NA	NA	NA						
MW-30-69	Q2-2011	039	69.3	6.4	5/5/2011	12:08	1.13E+05	3.48E+03	3.99E+02	2.40E+00	1.37E+00	1.23E+00	2.46E+00	8.92E+00	1.03E+01	2.21E+00	9.58E+00	1.16E+01	NA	NA	NA						
MW-30-69	Q2-2011 Mid	040	69.3	6.4	7/11/2011	12:05	1.19E+05	4.23E+03	2.83E+02	-6.14E-02	7.62E-01	1.00E+00	3.56E+00	1.07E+01	1.24E+01	2.40E+00	1.19E+01	1.40E+01	NA	NA	NA						
MW-30-84	Q3-2010	024	83.8	-8.1	7/28/2010	13:07	9.26E+03	5.09E+02	1.01E+02	4.48E-01	7.63E-01	8.52E-01	-1.46E+00	9.30E+00	1.02E+01	-3.03E-01	9.79E+00	1.08E+01	NA	NA	NA	9.12E+03	ND	ND	ND	NA	MW-30-84
MW-30-84	Q3-2010	025	83.8	-8.1	8/20/2010	16:51	1.00E+04	5.57E+02	1.29E+02	5.65E-01	8.70E-01	9.53E-01	3.22E+00	6.27E+00	7.54E+00	-3.97E+00	6.69E+00	6.20E+00	NA	NA	NA						
MW-30-84	Q3-2010 Mid	026	83.8	-8.1	9/8/2010	13:14	1.01E+04	4.32E+02	2.10E+02	3.18E-01	6.20E-01	7.05E-01	-1.48E+00	6.18E+00	6.74E+00	-4.19E-01	7.65E+00	8.58E+00	NA	NA	NA						
MW-30-84	Q4-2010	027	83.8	-8.1	11/5/2010	12:35	1.02E+04	4.80E+02	3.87E+02	5.25E-01	7.56E-01	1.70E+00	-3.07E+00	4.23E+00	8.38E+00	-5.22E+00	4.86E+00	8.20E+00	NA	NA	NA						
MW-30-84	Q1-2011	028	83.8	-8.1	2/9/2011	12:57	9.20E+03	8.86E+02	3.79E+02	1.12E+00	1.82E+00	1.98E+00	5.89E-01	4.74E+00	5.22E+00	1.09E+00	5.76E+00	6.49E+00	NA	NA	NA						
MW-30-84	Q1-2011 Mid	029	83.8	-8.1	3/31/2011	12:03	9.04E+03	1.06E+03	4.74E+02	-4.78E-01	1.66E+00	2.13E+00	5.00E-01	1.12E+01	1.21E+01	-3.04E+00	9.48E+00	9.12E+00	NA	NA	NA						
MW-30-84	Q2-2011	030	83.8	-8.1	5/5/2011	12:58	7.57E+03	9.46E+02	3.92E+02	1.64E-01	1.15E+00	1.40E+00	3.00E+00	8.04E+00	9.35E+00	4.65E-02	7.14E+00	7.76E+00	NA	NA	NA						
MW-30-84	Q2-2011 Mid	031	83.8	-8.1	7/11/2011	12:45	7.55E+03	1.08E+03	2.82E+02	-3.75E-01	9.75E-01	1.29E+00	2.17E-01	7.89E+00	8.89E+00	1.39E+01	1.16E+01	1.59E+01	NA	NA	NA						
MW-31-49	Q3-2010	025	48.8	26.8	7/27/2010	14:43	5.46E+04	1.59E+03	1.21E+02	3.05E-01	4.71E-01	5.22E-01	2.74E+00	1.17E+01	1.40E+01	2.23E+00	8.03E+00	9.96E+00	NA	NA	NA	2.90E+04	ND	ND	ND	NA	MW-31-49
MW-31-49	Q3-2010	026	48.8	26.8	8/23/2010	12:11	4.11E+03	3.56E+02	1.23E+02	1.62E-01	7.89E-01	9.57E-01	-1.21E+00	5.42E+00	5.91E+00	-3.35E-02	5.19E+00	5.80E+00	NA	NA	NA						
MW-31-49	Q3-2010 Mid	027	48.8	26.8	9/7/2010	13:49	1.04E+05	3.02E+03	1.68E+02	-1.15E-01	2.82E-01	4.23E-01	3.35E+00	5.52E+00	6.68E+00	2.16E+00	5.97E+00	7.20E+00	NA	NA	NA						
MW-31-49	Q4-2010	028	48.8	26.8	11/3/2010	11:55	3.35E+04	9.81E+02	1.15E+02	-3.04E-02	4.26E-01	5.51E-01	-2.82E+00	8.51E+00	8.97E+00	2.22E+00	8.87E+00	1.06E+01	NA	NA	NA						
MW-31-49	Q1-2011	029	48.8	26.8	2/9/2011	13:12	1.06E+03	3.40E+02	2.98E+02	-5.51E-01	1.76E+00	2.14E+00	1.39E+00	5.22E+00	6.02E+00	4.84E-01	5.26E+00	5.91E+00	NA	NA	NA						
MW-31-49	Q1-2011 Mid	030	48.8	26.8	3/30/2011	12:33	4.31E+03	7.84E+02	4.65E+02	1.77E+00	2.04E+00	2.16E+00	-2.34E+00	7.80E+00	8.17E+00	-5.38E-01	9.18E+00	1.00E+01	NA	NA	NA						
MW-31-49	Q2-2011	031	48.8	26.8	4/18/2011	12:53	1.08E+03	5.20E+02	4.66E+02	4.98E-01	1.81E+00	2.09E+00	-1.82E+00	8.82E+00	9.22E+00	6.17E+00	8.70E+00	1.13E+01	NA	NA	NA						
MW-31-63	Q3-2010	025	63.3	12.3	7/27/2010	15:54	6.17E+04	1.80E+03	1.27E+02	5.31E-01	6.45E-01	6.89E-01	-1.81E+00	8.27E+00	8.91E+00	1.22E+00	7.33E+00	8.70E+00	NA	NA	NA	3.72E+04	ND	ND	ND	NA	MW-31-63
MW-31-63	Q3-2010	026	63.3	12.3	8/23/2010	13:11	6.69E+04	1.95E+03	1.60E+02	4.60E-01	7.62E-01	8.48E-01	1.77E+00	6.11E+00	7.13E+00	-1.67E+00	6.17E+00	6.44E+00	NA	NA	NA						
MW-31-63	Q3-2010 Mid	027	63.3	12.3	9/7/2010	15:28	4.65E+04	1.41E+03	1.46E+02	3.99E-01	7.26E-01	8.18E-01	4.05E-01	4.75E+00	5.31E+00	-1.47E+00	5.45E+00	5.56E+00	NA	NA	NA						
MW-31-63	Q4-2010	028	63.3	12.3	11/3/2010	12:32	2.95E+04	9.02E+02	1.14E+02	3.31E-01	6.30E-01	7.13E-01	-2.24E+00	9.63E+00	1.02E+01	3.44E+00	8.40E+00	1.07E+01	NA	NA	NA						
MW-31-63	Q1-2011	029	63.3	12.3	2/9/2011	13:14	2.46E+04	1.10E+03	2.98E+02	4.29E-01	1.78E+00	2.08E+00	-1.42E+00	6.46E+00	6.81E+00	-2.31E+00	6.42E+00	6.26E+00	NA	NA	NA						
MW-31-63	Q1-2011 Mid	030	63.3	12.3	3/30/2011	13:13	1.33E+04	1.14E+03	4.53E+02	1.49E+00	1.87E+00	2.02E+00	8.76E-01	9.00E+00	9.97E+00	-1.92E-01	7.26E+00	7.92E+00	NA	NA	NA						
MW-31-63	Q2-2011	031	63.3	12.3	4/18/2011	13:21	1.81E+04	1.45E+03	4.67E+02	7.26E-01	1.84E+00	2.08E+00	-3.10E-01	7.62E+00	8.46E+00	1.76E+00	8.74E+00	1.03E+01	NA	NA	NA						
MW-31-85	Q3-2010	025	84.8	-9.2	7/27/2010	15:22	6.70E+03	4.34E+02	1.00E+02	3.55E-01	4.72E-01	5.04E-01	-3.98E+00	8.82E+00	9.22E+00	2.50E+00	8.43E+00	9.93E+00	NA	NA	NA	4.68E+03	ND	ND	ND	NA	MW-31-85
MW-31-85	Q3-2010	026	84.8	-9.2	8/23/2010	12:10	5.07E+03	3.96E+02	1.25E+02	6.61E-03	7.89E-01	9.16E-01	3.42E+00	4.95E+00	6.08E+00	1.52E+00	4.77E+00	5.71E+00	NA	NA	NA						
MW-31-85	Q3-2010 Mid	027	84.8	-9.2	9/7/2010	14:14	6.21E+03	5.24E+02	1.44E+02	-3.25E-01	4.45E-01	6.85E-01	-1.54E+00	5.68E+00	6.11E+00	2.71E+00	6.42E+00	7.29E+00	NA	NA	NA						
MW-31-85	Q4-2010	028	84.8	-9.2	11/3/2010	12:00	6.06E+03	4.16E+02	1.14E+02	2.41E-01	4.83E-01	5.47E-01	-1.36E+00	8.88E+00	9.62E+00	-2.66E-01	1.08E+01	1.19E+01	NA	NA	NA						
MW-31-85	Q1-2011	029	84.8	-9.2	2/9/2011	13:03	4.83E+03	6.84E+02	3.82E+02	3.26E-01	1.79E+00	2.18E+00	3.19E+00	5.96E+00	7.08E+00	3.14E+00	6.06E+00	7.39E+00	NA	NA	NA						
MW-31-85	Q1-2011 Mid	030	84.8	-9.2	3/30/2011	12:55	7.75E+02	4.66E+02	4.52E+02	9.37E-01	1.81E+00	2.00E+00	5.90E+00	1.31E+01	8.10E+00	6.43E+00	8.88E+00	1.17E+01	NA	NA	NA						
MW-31-85	Q2-2011	031	84.8	-9.2	4/18/2011	13:18	3.08E+03	6.96E+02	4.66E+02	-1.09E+00	1.46E+00	2.09E+00	-4.50E+00	9.34E+00	9.19E+00	3.84E+00	1.01E+01	1.22E+01	NA	NA	NA						
MW-32-48	Q3-2010	007			7/27/2010	12:52	3.69E+03	3.26E+02	9.94E+01	3.59E-01	8.37E-01	9.60E-01	1.54E-01	7.00E+00	8.04E+00	-3.86E+00	7.74E+00	7.51E+00	NA	NA	NA	4.80E+03	ND	ND	ND	NA	MW-32-48
MW-32-48	Q3-2010	008			8/24/2010	14:03	5.90E+03	3.51E+02	2.10E+02	3.55E-01	6.33E-01	7.09E-01	-4.34E-01	4.49E+00	5.04E+00	1.96E+00	4.95E+00	5.95E+00	NA	NA	NA						
MW-32-59	Q3-2010	019	58.8	18.3	7/27/2010	13:00	6.54E+04	1.91E+03	1.33E+02	1.50E-01	4.37E-01	5.21E-01	1.07E+00	1.02E+01	1.14E+01	3.80E+00	9.26E+00	1.21E+01	NA	NA	NA	2.90E+04	ND	ND	ND	NA	MW-32-59
MW-32-59	Q3-2010	020	58.8	18.3	8/24/2010	14:22	5.78E+03	3.48E+02	2.10E+02	-9.82E-02	6.14E-01	8.32E-01	3.21E+00	5.84E+00	7.14E+00	-2.01E+00	6.60E+00	6.75E+00	NA	NA	NA						
MW-32-59	Q3-2010 Mid	021	58.8	18.3	9/9/2010	13:57	7.44E+04	2.18E+03	1.67E+02	4.21E-01	7.20E-01	8.03E-01	1.68E+00	5.43E+00	6.39E+00	-1.58E+00	5.35E+00	5.54E+00	NA	NA	NA						
MW-32-59	Q4-2010	022	58.8	18.3	11/3/2010	12:08	1.58E+04	6.66E+02	1.16E+02	2.02E-01	6.15E-01	7.14E-01	6.67E+00	7.98E+00	1.03E+01	1.19E+00	9.11E+00	1.06E+01	NA	NA	NA						
MW-32-59	Q1-2011	023	58.8	18.3	3/1/2011	11:28	4.39E+03	6.42E+02	3.59E+02	1.25E+00	1.49E+00	1.55E+00	6.56E-01	5.82E+00	6.63E+00	-4.41E-01	7.00E+00	7.58E+00	NA	NA	NA						
MW-32-59	Q1-2011 Mid	024	58.8	18.3	3/31/2011	12:46	3.37E+04	1.96E+03	5.07E+02	-2.13E-01	1.15E+00	1.51E+00	8.24E-01	8.92E+00	9.96E+00	1.99E-02	1.02E+01	1.11E+01	NA	NA	NA						
MW-32-59	Q2-2011	025	58.8	18.3	4/27/2011	12:26	3.31E+03	6.36E+02	4.08E+02	4.03E-01	1.50E+00	1.74E+00	4.77E+00	8.64E+00	1.04E+01	-3.37E+00	9.58E+00	9.50E+00	NA	NA	NA						
MW-32-85	Q3-2010	022	85.3	85.3	7/27/2010	14:51	1.21E+04	5.81E+02	1.01E+02	3.80E-01	6.37E-01	7.07E-01	1.38E+00	7.47E+00	8.69E+00	2.30E+00	7.74E+00	9.52E+00	NA	NA	NA	1.33E+04	ND	ND	ND	NA	MW-32-85
MW-32-85	Q3-2010	023	85.3	85.3	8/24/2010	11:03	1.38E+04	4.94E+02	2.10E+02	-3.76E-01	4.75E-01	7.02E-01	-6.66E-01	5.96E+00	6.62E+00	-1.19E+00	5.22E+00	5.48E+00	NA	NA	NA						
MW-32-85	Q3-2010 Mid	024	85.3	85.3	9/9/2010	15:29	1.44E+04	6.57E+02	1.27E+02	1.34E-01	6.77E-01	8.36E-01	1.43E+00	6.27E+00	6.90E+00	-1.25E-01	5.49E+00	6.10E+00	NA	NA	NA						
MW-32-85	Q4-2010	025	85.3	85.3	11/3/2010	12:45	1.49E+04	6.48E+02	1.16E+02	3.80E-01	4.90E-01	5.36E-01	5.89E+00	9.60E+00	1.18E+01	-5.55E+00	8.71E+00	7.61E+00	NA	NA	NA						
MW-32-85	Q1-2011	026	85.3	85.3	3/1/2011	12:05	1.34E+04	1.41E+03	2.62E+02	3.81E-01	1.41E+00	1.63E+00	7.79E-01	8.26E+00	9.36E+00	4.73E+00	9.72E+00	1.24E+01	NA	NA	NA						
MW-32-85	Q1-2011 Mid	027	85.3	85.3	3/31/2011	13:18	1.32E+04	1.27E+03	5.07E+02	-1.62E-01	1.20E+00	1.56E+00	-6.56E-01	7.26E+00	7.61E+00	3.80E+00	8.28E+00	1.02E+01	NA	NA	NA						
MW-32-85	Q2-2011	028	85.3	85.3	4/27/2011	13:04	1.14E+04	1.19E+03	5.10E+02	1.58E+00	1.69E+00	1.75E+00	-1.23E+00	6.80E+00	7.31E+00	5.30E-01	1.02E+01	1.15E+01	NA	NA	NA						
MW-32-149	Q3-2010	019	149.3	-72.2	7/27/2010	15:34	3.81E+03	3.33E+02	1.01E+02	1.14E-01	3.57E-01	4.33E-01	7.24E-01	1.28E+01	1.64E+01	1.53E+00	8.88E+00	1.06E+01	NA	NA	NA	1.84E+03	ND	ND	ND	NA	MW-32-149
MW-32-149	Q3-2010	020	149.3	-72.2	8/24/2010	11:27	2.60E+03	2.70E+02	2.10E+02	1.04E-01	6.64E-01	8.13E-01	1.04E-01	6.51E+00	7.44E+00	2.67E-02	5.89E+00	6.71E+00	NA	NA	NA						
MW-32-149	Q3-2010 Mid	021	149.3	-72.2	9/9/2010	11:36	2.12E+03	2.70E+02	1.27E+02	2.27E-01	7.72E-01	9.22E-01	3.68E+00	7.83E+00	9.16E+00	1.24E+00	8.52E+00	1.00E+01	NA	NA	NA						
MW-32-149	Q4-2010	022	149.3	-72.2	11/3/2010	16:09	1.55E+03	2.24E+02	1.12E+02	4.08E-01	5.02E-01	5.49E-01	-1.00E+01	1.08E+01	1.15E+01	3.36E+00	7.71E+00	9.94E+00	NA	NA	NA						
MW-32-149	Q1-2011	023	149.3	-72.2	3/1/2011	13:37	1.06E+03	4.48E+02	2.68E+02	-7.01E-01	1.66E+00	2.15E+00	9.25E-01	5.42E+00	6.30E+00	2.06E+00	6.60E+00	7.93E+00	NA	NA	NA						
MW-32-149	Q1-2011 Mid	024	149.3	-72.2	3/31/2011	11:33	8.09E+02	5.34E+02	5.09E+02	-2.01E-01	1.10E+00	1.49E+00	2.52E+00	9.30E+00	1.09E+01	2.31E+00	9.92E+00	1.18E+01	NA	NA	NA						
MW-32-149	Q2-2011	025	149.3	-72.2	4/27/2011	11:12	8.69E+02	4.44E+02	4.11E+02	3.00E-01	1.43E+00	1.67E+00	2.12E+00	7.44E+00	8.59E+00	9.88E-01	7.76E+00	8.83E+00	NA	NA	NA						
MW-32-173	Q3-2010	017	172.8	-95.7	7/27/2010	15:17	2.47E+03	2.69E+02	9.88E+01	9.64E-02	3.38E-01	4.14E-01	-1.51E+00	8.71E+00	9.65E+00	-2.29E+00	7.04E+00	7.12E+00	NA	NA	NA	1.48E+03	ND	ND	ND	NA	MW-32-173
MW-32-173	Q3-2010	018	172.8	-95.7	8/24/2010	11:23	2.19E+03	2.60E+02	2.10E+02	-1.37E-01	3.98E-01	5.77E-01	2.92E+00	6.57E+00	7.82E+00	4.56E-01	6.55E+00	7.41E+00	NA	NA	NA						
MW-32-173	Q3-2010 Mid	019	172.8	-95.7	9/9/2010	11:29	1.98E+03	2.63E+02	1.28E+02	5.82E-01	8.34E-01	8.96E-01	1.67E+00	4.86E+00	5.81E+00	9.94E-01	4.84E+00	5.77E+00	NA	NA	NA						
MW-32-173	Q4-2010	020	172.8	-95.7	11/3/2010	15:53	1.40E+03	2.16E+02	1.14E+02	1.65E-02	4.38E-01	5.24E-01	3.87E+00	1.76E+01	9.62E+00	-2.94E+00	9.88E+00	1.01E+01	NA	NA	NA						
MW-32-173	Q1-2011	021	172.8	-95.7	3/1/2011	13:13	9.02E+02	4.12E+02	2.61E+02	-4.04E-01	1.12E+00	1.45E+00	5.99E+00	6.06E+00	7.73E+00	-2.04E+00	7.36E+00	7.55E+00	NA	NA	NA						
MW-32-173	Q1-2011 Mid	022	172.8	-95.7	3/31/2011	11:35	8.41E+02	5.22E+02	5.04E+02	2.46E-01	1.27E+00	1.54E+00	6.51E+00	1.58E+01	8.26E+00	2.19E+00	8.22E+00	9.98E+00	NA	NA	NA						
MW-32-173	Q2-2011	023	172.8	-95.7	4/27/2011	11:27	5.82E+02	4.98E+02	5.08E+02	6.37E-01	1.54E+00	1.74E+00	0.00E+00	2.00E+01	9.23E+00	2.47E-01	9.58E+00	1.07E+01	NA	NA	NA						
MW-32-190	Q3-2010	021	190.3	-113.7	7/27/2010	15:41	1.58E+03	2.21E+02	9.83E+01	-8.57E-02	3.52E-01	5.06E-01	6.23E-01	7.98E+00	9.16E+00	-2.62E+00	7.77E+00	7.60E+00	NA	NA	NA	1.53E+03	ND	ND	ND	NA	MW-32-190
MW-32-190	Q3-2010	022	190.3	-113.7	8/24/2010	11:37	1.69E+03	2.43E+02	2.09E+02	2.54E-01	7.84E-01	9.25E-01	-5.47E-01	4.84E+00	5.45E+00	9.00E-01	4.96E+00	5.87E+00	NA	NA	NA						
MW-32-190	Q3-2010 Mid	023	190.3	-113.7	9/9/2010	11:34	1.65E+03	2.48E+02	1.30E+02	-1.31E-01	5.85E-01	8.27E-01	-2.39E-01	9.87E+00	1.08E+01	2.00E+00	6.66E+00	7.98E+00	NA	NA	NA						
MW-32-190	Q4-2010	024	190.3	-113.7	11/3/2010	16:07	1.53E+03	2.28E+02	1.17E+02	-9.74E-02	4.35E-01	5.82E-01	2.12E+00	9.02E+00	1.07E+01	-2.40E+00	9.21E+00	9.36E+00	NA	NA	NA						
MW-32-190	Q1-2011	025	190.3	-113.7	3/1/2011	13:24	1.64E+03	5.32E+02	2.64E+02	7.65E-01	1.20E+00	1.29E+00	2.74E+00	5.52E+00	6.57E+00	4.88E+00	7.64E+00	8.75E+00	NA	NA	NA						
MW-32-190	Q1-2011 Mid	026	190.3	-113.7	3/31/2011	11:47	1.41E+03	5.76E+02	5.02E+02	-7.79E-01	1.15E+00	1.67E+00	8.78E-01	7.96E+00	9.01E+00	5.11E+00	1.04E+01	1.30E+01	NA	NA	NA						
MW-32-190	Q2-2011	027	190.3	-113.7	4/27/2011	11:17	1.21E+03	5.64E+02	5.10E+02	7.54E-01	1.13E+00	1.20E+00	8.61E-01	8.68E+00	9.74E+00	-6.60E+00	8.98E+00	6.37E+00	NA	NA	NA						
MW-33	Q3-2010	027	19.2	-0.4	8/30/2010	14:29	3.69E+03	3.42E+02	1.26E+02	3.24E-01	3.69E-01	7.72E-01	5.64E+00	6.38E+00	-3.08E-01	5.07E+00	5.60E+00	NA	NA	NA	3.78E+03	ND	ND	ND	NA	MW-33
MW-33	Q3-2010 Mid	028	19.2	-0.4	9/11/2010	13:28	3.86E+03	3.53E+02	1.27E+02	9.96E-03	7.38E-01	9.28E-01	-1.30E+00	4.86E+00	5.14E+00	1.12E+00	5.10E+00	5.95E+00	NA	NA	NA						
MW-36-24	Q3-2010	019	16.1	-4.3	7/29/2010	12:04	2.64E+02	1.17E+02	1.00E+02	2.45E-01	3.84E-01	4.23E-01	8.89E-01	9.88E+00	1.10E+01	-2.61E+00	1.19E+01	1.26E+01	NA	NA	NA	1.98E+03	ND	ND	ND	NA	MW-36-24
MW-36-24	Q4-2010	020	16.1	-4.3	11/4/2010	16:15	2.62E+03	2.82E+02	1.13E+02	3.79E-01	5.81E-01	6.42E-01	3.42E+00	9.88E+00	1.17E+01	-1.80E+00	1.16E+01	1.26E+01	NA	NA	NA						
MW-36-24	Q1-2011	021	16.1	-4.3	2/28/2011	12:37	2.56E+02	3.54E+02	3.81E+02	-8.87E-02	1.67E+00	2.08E+00	4.53E-01	5.26E+00	5.75E+00	-3.09E-01	4.74E+00	5.03E+00	NA	NA	NA						
MW-36-24	Q2-2011	022	16.1	-4.3	4/28/2011	14:34	3.07E+03	7.26E+02	5.19E+02	1.38E+00	1.53E+00	1.59E+00	-6.43E-01	7.68E+00	8.47E+00	2.82E+00	7.48E+00	9.35E+00	NA	NA	NA						
MW-36-41	Q3-2010	013	37	-25.2	7/29/2010	12:23	1.30E+04	7.52E+02	1.46E+02	1.88E+00	7.41E-01	5.17E-01	-1.84E+00	6.35E+00	6.48E+00	4.07E+00	6.12E+00	7.75E+00	NA	NA	NA	1.05E+04	3.21E+00	ND	ND	NA	MW-36-41
MW-36-41	Q4-2010	014	37	-25.2	11/4/2010	16:55	1.22E+04	5.75E+02	1.10E+02	3.54E+00	9.13E-01	6.12E-01	7.62E-01	8.76E+00	1.01E+01	3.09E+00	8.58E+00	1.06E+01	NA	NA	NA						
MW-36-41	Q1-2011	015	37	-25.2	2/28/2011	13:53	8.74E+03	6.88E+02	2.97E+02	4.11E+00	1.87E+00	1.57E+00	1.31E+00	5.26E+00	6.09E+00	1.58E+00	5.68E+00	6.65E+00	NA	NA	NA						
MW-36-41	Q2-2011	016	37	-25.2	4/28/2011	15:39	8.17E+03	1.04E+03	5.14E+02	3.31E+00	1.75E+00	1.36E+00	2.18E+00	9.26E+00	1.07E+01	-2.96E-01	1.04E+01	1.12E+01	NA	NA	NA						
MW-36-52	Q3-2010	018	49.7	-37.9	7/29/2010	12:24	7.07E+03	4.46E+02	1.00E+02	-1.52E-01	6.33E-01	8.23E-01	-1.63E+00	7.79E+00	8.33E+00	-1.74E+00	9.63E+00	1.03E+01	NA	NA	NA	5.78E+03	4.07E+00	ND	ND	NA	MW-36-52
MW-36-52	Q4-2010	019	49.7	-37.9	11/4/2010	15:55	7.08E+03	4.40E+02	1.10E+02	4.73E+00	1.11E+00	6.76E-01	1.15E-01	5.89E+00	6.52E+00	-2.28E+00	7.92E+00	7.79E+00	NA	NA	NA						
MW-36-52	Q1-2011	020	49.7	-37.9	2/28/2011	12:43	3.14E+03	4.92E+02	3.37E+02	1.33E+00	2.00E+00	2.14E+00	-6.00E+00	5.58E+00	4.80E+00	-2.66E+00	5.94E+00	5.65E+00	NA	NA	NA						
MW-36-52	Q2-2011	021	49.7	-37.9	4/28/2011	14:38	5.84E+03

TABLE 3
SECOND QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-39-67	Q3-2010	009	67	13	7/22/2010	14:26	2.86E+02	1.19E+02	9.90E+01	1.73E+00	6.00E-01	3.90E-01	2.94E+00	6.33E+00	7.80E+00	-5.65E+00	7.25E+00	5.04E+00	NA	NA	NA	4.48E+03	1.81E+00	ND	ND	NA	MW-39-67
MW-39-67	Q4-2010	010	67	13	11/15/2010	16:28	3.74E+02	1.86E+02	3.88E+02	1.96E+00	9.36E-01	1.94E+00	-1.74E+00	3.99E+00	8.40E+00	-3.17E+00	4.38E+00	8.38E+00	NA	NA	NA						
MW-39-67	Q2-2011	011	67	13	4/26/2011	14:52	1.09E+04	9.64E+02	4.18E+02	1.74E+00	1.49E+00	1.50E+00	-8.12E-01	8.22E+00	8.78E+00	-4.05E+00	9.42E+00	9.00E+00	NA	NA	NA						
MW-39-67	Q2-2011 Mid	012	67	13	7/15/2011	13:42	2.24E+03	6.12E+02	4.40E+02	2.55E-01	1.16E+00	1.34E+00	-1.15E-01	8.28E+00	9.19E+00	-2.42E-02	9.72E+00	1.12E+01	NA	NA	NA						
MW-39-84	Q3-2010	009	83.5	-3.5	7/22/2010	14:42	3.70E+02	1.30E+02	1.01E+02	8.43E-01	6.21E-01	5.85E-01	-3.32E+00	6.79E+00	6.90E+00	2.43E+00	6.95E+00	8.54E+00	NA	NA	NA	4.05E+02	8.43E-01	ND	ND	NA	MW-39-84
MW-39-84	Q4-2010	010	83.5	-3.5	11/15/2010	16:38	2.51E+02	2.10E+02	4.59E+02	1.80E+00	8.83E-01	1.86E+00	3.58E+00	4.41E+00	1.05E+01	7.47E+00	4.82E+00	1.24E+01	NA	NA	NA						
MW-39-84	Q2-2011	011	83.5	-3.5	4/26/2011	14:25	4.40E+02	4.02E+02	4.13E+02	-2.03E-01	1.15E+00	1.50E+00	-9.39E-01	7.42E+00	7.84E+00	-4.02E-01	6.92E+00	7.41E+00	NA	NA	NA						
MW-39-84	Q2-2011 Mid	012	83.5	-3.5	7/15/2011	14:33	3.55E+02	4.17E+02	4.40E+02	6.54E-01	1.15E+00	1.27E+00	-1.78E+00	1.43E+01	1.71E+01	-4.89E+00	9.45E+00	8.20E+00	NA	NA	NA						
MW-39-102	Q3-2010	009	101.5	-21.5	7/22/2010	14:52	2.39E+02	1.49E+02	1.49E+02	4.05E+00	9.93E-01	4.71E-01	-1.08E+00	6.35E+00	6.98E+00	-3.68E+00	5.55E+00	4.42E+00	NA	NA	NA	8.98E+03	4.05E+00	4.48E+01	ND	NA	MW-39-102
MW-39-102	Q4-2010	010	101.5	-21.5	11/15/2010	16:12	3.61E+02	1.83E+02	3.84E+02	1.40E+00	9.00E-01	1.93E+00	2.98E+00	3.38E+00	8.21E+00	-4.12E+00	3.52E+00	6.23E+00	NA	NA	NA						
MW-39-102	Q2-2011	011	101.5	-21.5	4/26/2011	14:33	1.43E+04	1.09E+03	4.19E+02	1.08E+00	1.85E+00	2.03E+00	4.48E+01	2.08E+01	9.86E+00	6.03E+00	7.96E+00	1.07E+01	NA	NA	NA						
MW-39-102	Q2-2011 Mid	012	101.5	-21.5	7/15/2011	14:02	1.24E+04	1.20E+03	4.36E+02	5.88E-01	1.09E+00	1.20E+00	3.70E+00	8.76E+00	1.02E+01	-6.84E-01	9.42E+00	9.35E+00	NA	NA	NA						
MW-39-124	Q3-2010	009	124	-44	7/22/2010	11:39	1.12E+02	1.34E+02	1.46E+02	2.25E+00	7.71E-01	5.01E-01	-1.11E+00	8.32E+00	9.28E+00	-4.37E-01	9.75E+00	1.10E+01	NA	NA	NA	ND	2.25E+00	9.13E+00	ND	NA	MW-39-124
MW-39-124	Q4-2010	010	124	-44	11/15/2010	12:46	3.73E+02	1.83E+02	3.86E+02	1.17E+00	8.85E-01	1.93E+00	-6.40E+00	6.71E+00	1.61E+01	-1.31E-01	4.98E+00	1.10E+01	NA	NA	NA						
MW-39-124	Q2-2011	011	124	-44	4/26/2011	13:01	1.51E+02	3.70E+02	4.15E+02	5.20E-01	1.37E+00	1.55E+00	9.13E+00	8.56E+00	8.57E+00	3.07E+00	7.52E+00	9.27E+00	NA	NA	NA						
MW-39-124	Q2-2011 Mid	012	124	-44	7/15/2011	11:44	2.30E+01	3.72E+02	4.39E+02	8.78E-01	1.19E+00	1.27E+00	-4.10E+00	1.13E+01	1.15E+01	-1.82E+00	9.51E+00	9.57E+00	NA	NA	NA						
MW-39-183	Q3-2010	009	182.5	-102.5	7/22/2010	11:38	1.07E+02	1.12E+02	1.19E+02	2.08E-01	4.19E-01	4.79E-01	-4.62E+00	8.88E+00	9.01E+00	-5.09E+00	9.62E+00	8.98E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-39-183
MW-39-183	Q4-2010	010	182.5	-102.5	11/15/2010	12:53	-8.02E+01	1.61E+02	3.88E+02	4.19E-01	7.56E-01	1.77E+00	1.45E+00	4.83E+00	1.10E+01	3.58E+00	4.93E+00	1.19E+01	NA	NA	NA						
MW-39-183	Q2-2011	011	182.5	-102.5	4/26/2011	11:35	1.15E+02	3.54E+02	4.02E+02	1.12E+00	1.56E+00	1.67E+00	6.46E+00	8.88E+00	1.09E+01	-1.52E+00	8.68E+00	8.94E+00	NA	NA	NA						
MW-39-183	Q2-2011 Mid	012	182.5	-102.5	7/15/2011	11:49	7.02E+01	3.75E+02	4.35E+02	3.45E-01	1.03E+00	1.19E+00	2.51E+00	1.08E+01	1.22E+01	-2.37E+00	1.30E+01	1.37E+01	NA	NA	NA						
MW-39-195	Q3-2010	009	195	-115	7/22/2010	12:10	9.26E+01	1.11E+02	1.20E+02	5.61E-01	5.70E-01	5.97E-01	7.86E-01	8.64E+00	9.43E+00	-9.78E-01	8.93E+00	9.62E+00	NA	NA	NA	5.62E+03	1.88E+00	ND	ND	NA	MW-39-195
MW-39-195	Q4-2010	010	195	-115	11/15/2010	13:25	2.16E+02	1.86E+02	4.09E+02	1.52E-01	7.35E-01	1.73E+00	-3.21E+00	4.09E+00	6.54E+00	8.70E+00	4.38E+00	1.20E+01	NA	NA	NA						
MW-39-195	Q2-2011	011	195	-115	4/26/2011	12:38	7.04E+03	8.04E+02	4.20E+02	1.88E+00	1.75E+00	1.79E+00	-2.03E+00	1.11E+01	1.28E+01	4.62E+00	8.70E+00	1.13E+01	NA	NA	NA						
MW-39-195	Q2-2011 Mid	012	195	-115	7/15/2011	11:13	4.19E+03	7.56E+02	4.35E+02	1.10E+00	1.78E+00	1.93E+00	2.79E+00	8.46E+00	9.76E+00	6.38E-01	1.01E+01	1.08E+01	NA	NA	NA						
MW-40-27	Q3-2010	012	26.7	46.5	8/26/2010	14:42	1.93E+02	1.26E+02	1.24E+02	2.23E-01	6.54E-01	7.73E-01	1.95E+00	4.50E+00	5.46E+00	-1.03E+00	4.72E+00	5.12E+00	NA	NA	NA	2.00E+02	ND	ND	ND	NA	MW-40-27
MW-40-27	Q4-2010	013	26.7	46.5	11/29/2010	15:23	2.06E+02	1.49E+02	1.44E+02	1.10E-01	7.98E-01	9.63E-01	3.16E-01	3.38E+00	3.76E+00	1.01E+00	3.63E+00	4.18E+00	NA	NA	NA						
MW-40-27	Q1-2011	014	26.7	46.5	3/8/2011	12:55	1.85E+02	2.56E+02	2.65E+02	1.58E-01	1.37E+00	1.61E+00	3.72E-01	6.78E+00	7.39E+00	2.83E+00	8.56E+00	9.99E+00	NA	NA	NA						
MW-40-27	Q2-2011	015	26.7	46.5	4/29/2011	13:29	1.77E+02	3.66E+02	4.07E+02	1.18E+00	1.74E+00	1.87E+00	1.91E+00	8.40E+00	9.77E+00	-9.20E-01	9.86E+00	1.15E+01	NA	NA	NA						
MW-40-27	Q2-2011 Mid	016	26.7	46.5	7/27/2011	15:12	3.69E+01	3.00E+02	3.43E+02	-4.37E-01	1.40E+00	1.93E+00	-2.18E+00	7.35E+00	7.64E+00	1.36E+00	9.03E+00	1.03E+01	NA	NA	NA						
MW-40-46	Q3-2010	013	46.2	27	8/26/2010	14:56	1.24E+02	1.22E+02	1.29E+02	-1.83E-01	5.11E-01	7.19E-01	7.02E-01	6.01E+00	6.90E+00	5.48E+00	6.17E+00	8.30E+00	NA	NA	NA	1.63E+02	ND**	ND	ND	NA	MW-40-46
MW-40-46	Q4-2010	014	46.2	27	11/29/2010	16:36	1.63E+02	1.47E+02	1.48E+02	6.60E-02	7.89E-01	9.38E-01	5.82E-01	3.82E+00	4.28E+00	2.06E+00	3.99E+00	4.74E+00	NA	NA	NA						
MW-40-46	Q1-2011	015	46.2	27	3/8/2011	12:58	2.48E+02	2.74E+02	2.63E+02	1.03E-01	8.58E-01	1.07E+00	2.82E+00	8.00E+00	9.18E+00	7.99E+00	8.74E+00	1.19E+01	NA	NA	NA						
MW-40-46**	Q2-2011	016	46.2	27	4/29/2011	13:31	7.82E+01	3.54E+02	4.05E+02	-1.35E-01**	1.88E+00	1.77E+00	-9.96E-01	8.46E+00	9.00E+00	-3.98E+00	9.84E+00	9.04E+00	NA	NA	NA						
MW-40-46	Q2-2011 Mid	017	46.2	27	7/27/2011	15:55	1.35E+02	3.09E+02	3.44E+02	-9.06E-01	1.26E+00	1.86E+00	2.28E+00	8.85E+00	1.01E+01	5.01E-01	9.30E+00	1.03E+01	NA	NA	NA						
MW-40-81	Q3-2010	013	80.7	-7.5	8/26/2010	11:05	9.08E+01	1.14E+02	1.24E+02	2.45E-01	5.25E-01	6.06E-01	-3.95E+00	5.24E+00	4.96E+00	-2.64E+00	4.68E+00	4.20E+00	NA	NA	NA	2.48E+02	ND	ND	ND	NA	MW-40-81
MW-40-81	Q4-2010	014	80.7	-7.5	11/29/2010	12:03	2.48E+02	1.58E+02	1.47E+02	1.13E-03	6.45E-01	7.85E-01	-9.67E-01	4.38E+00	4.79E+00	-4.37E-01	4.83E+00	5.28E+00	NA	NA	NA						
MW-40-81	Q1-2011	015	80.7	-7.5	3/8/2011	10:17	2.33E+02	2.68E+02	2.63E+02	8.50E-01	1.51E+00	1.67E+00	1.26E+00	1.06E+01	7.71E+00	-1.45E+00	6.08E+00	6.16E+00	NA	NA	NA						
MW-40-81	Q2-2011	016	80.7	-7.5	4/29/2011	11:08	3.39E+02	4.12E+02	4.36E+02	1.07E+00	1.58E+00	1.70E+00	3.05E+00	6.90E+00	8.51E+00	-2.66E-01	8.04E+00	8.83E+00	NA	NA	NA						
MW-40-81	Q2-2011 Mid	017	80.7	-7.5	7/27/2011	13:24	-1.18E+02	2.89E+02	3.48E+02	8.36E-01	1.70E+00	1.90E+00	-3.22E-01	6.48E+00	6.87E+00	-1.05E+00	8.67E+00	8.91E+00	NA	NA	NA						
MW-40-100*	Q3-2010	015	100.2	-27	8/26/2010	11:09	1.24E+02	1.37E+02	1.45E+02	-2.33E-01	3.95E-01	6.21E-01	8.87E-01	6.15E+00	7.12E+00	6.51E-01	5.61E+00	6.53E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-40-100
MW-40-100	Q4-2010	016	100.2	-27	11/29/2010	12:12	1.34E+02	1.40E+02	1.46E+02	-2.12E-01	6.70E-01	8.39E-01	-1.46E-01	4.05E+00	4.53E+00	3.11E-01	4.26E+00	4.81E+00	NA	NA	NA						
MW-40-100	Q1-2011	017	100.2	-27	3/8/2011	10:27	5.17E+01	2.14E+02	2.64E+02	2.52E-02	1.30E+00	1.58E+00	2.46E+01*	1.35E+01	7.66E+00	-1.40E+00	7.88E+00	8.30E+00	NA	NA	NA						
MW-40-100	Q2-2011	018	100.2	-27	4/29/2011	11:27	2.70E+02	4.06E+02	4.38E+02	2.46E-01	1.42E+00	1.67E+00	5.53E+00	7.14E+00	7.96E+00	9.23E+00	7.96E+00	9.80E+00	NA	NA	NA						
MW-40-100	Q2-2011 Mid	019	100.2	-27	7/27/2011	13:29	1.07E+02	3.12E+02	3.50E+02	-9.50E-01	1.41E+00	1.98E+00	2.29E+00	9.03E+00	1.04E+01	7.10E-01	1.08E+01	1.20E+01	NA	NA	NA						
MW-40-127*	Q3-2010	015	127.2	-54	8/26/2010	11:16	1.36E+02	1.40E+02	1.47E+02	2.23E-02	2.78E-01	3.67E-01	-5.02E+00	7.95E+00	8.28E+00	6.43E-01	6.48E+00	7.48E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-40-127
MW-40-127	Q4-2010	016	127.2	-54	11/29/2010	12:26	1.22E+02	1.38E+02	1.45E+02	7.34E-01	9.02E-01	9.73E-01	-1.53E-01	4.82E+00	5.43E+00	1.12E+00	4.38E+00	5.06E+00	NA	NA	NA						
MW-40-127	Q1-2011	017	127.2	-54	3/8/2011	10:41	1.33E+02	2.40E+02	2.64E+02	1.03E+00	1.40E+00	1.51E+00	5.07E+01*	1.64E+01	7.63E+00	3.45E-01	7.18E+00	7.96E+00	NA	NA	NA						
MW-40-127	Q2-2011	018	127.2	-54	4/29/2011	11:26	-2.27E+01	3.60E+02	4.32E+02	5.72E-01	1.78E+00	2.05E+00	-2.13E-01	8.26E+00	8.83E+00	-1.62E+00	9.68E+00	9.87E+00	NA	NA	NA						
MW-40-127	Q2-2011 Mid	019	127.2	-54	7/27/2011	13:56	1.56E+02	3.15E+02	3.50E+02	4.81E-01	1.64E+00	1.92E+00	1.48E+00	9.06E+00	1.03E+01	-8.00E+00	1.02E+01	7.94E+00	NA	NA	NA						
MW-40-162	Q3-2010	013	161.7	-88.5	8/26/2010	12:29	1.02E+02	1.36E+02	1.48E+02	5.09E-01	7.23E-01	7.75E-01	7.14E-01	6.23E+00	7.08E+00	3.52E+00	6.78E+00	8.38E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-40-162
MW-40-162	Q4-2010	014	161.7	-88.5	11/29/2010	12:45	6.40E+01	1.27E+02	1.45E+02	-5.51E-03	6.55E-01	7.94E-01	3.60E-01	4.34E+00	4.91E+00	3.43E-01	4.47E+00	5.03E+00	NA	NA	NA						
MW-40-162	Q1-2011	015	161.7	-88.5	3/8/2011	11:02	8.33E+01	2.24E+02	2.63E+02	-1.03E-01	1.07E+00	1.57E+00	-3.72E+00	6.12E+00	5.93E+00	-2.11E+00	6.42E+00	6.37E+00	NA	NA	NA						
MW-40-162	Q2-2011	016	161.7	-88.5	4/29/2011	12:26	1.05E+02	3.78E+02	4.33E+02	8.71E-01	1.34E+00	1.46E+00	4.54E+00	1.23E+01	1.42E+01	4.43E-01	9.50E+00	1.08E+01	NA	NA	NA						
MW-40-162	Q2-2011 Mid	017	161.7	-88.5	7/27/2011	14:40	5.54E+00	2.97E+02	3.44E+02	-8.61E-01	1.58E+00	1.98E+00	-2.44E+00	9.21E+00	8.54E+00	-6.93E-01	8.70E+00	9.41E+00	NA	NA	NA						
MW-41-40	Q3-2010	017	34.4	20.5	7/21/2010	13:41	2.79E+03	3.02E+02	1.47E+02	4.37E+00	1.02E+00	6.33E-01	1.59E+00	5.82E+00	7.07E+00	-6.50E-01	7.18E+00	7.61E+00	NA	NA	NA	2.49E+03	4.95E+00	ND	ND	NA	MW-41-40
MW-41-40	Q4-2010	018	34.4	20.5	10/25/2010	16:06	2.43E+03	2.78E+02	1.17E+02	4.08E+00	1.16E+00	6.72E-01	3.32E+00	5.63E+00	6.87E+00	-1.99E+00	6.74E+00	6.96E+00	NA	NA	NA						
MW-41-40	Q1-2011	019	34.4	20.5	2/14/2011	14:05	2.03E+03	4.02E+02	2.98E+02	1.15E+01	2.68E+00	1.83E+00	4.60E+00	7.30E+00	8.61E+00	4.22E+00	7.36E+00	9.28E+00	NA	NA	NA						
MW-41-40	Q2-2011	020	34.4	20.5	4/20/2011	13:51	4.51E+03	7.36E+02	4.55E+02	2.32E+00	1.57E+00	1.44E+00	2.20E+00	9.22E+00	1.06E+01	3.02E+00	1.06E+01	1.25E+01	NA	NA	NA						
MW-41-40	Q2-2011 Mid	021	34.4	20.5	7/15/2011	12:30	6.99E+02	4.59E+02	4.41E+02	2.48E+00	1.35E+00	1.19E+00	-1.93E+00	1.09E+01	1.14E+01	-1.11E+00	8.94E+00	9.13E+00	NA	NA	NA						
MW-41-63	Q3-2010	016	59.5	-4.6	7/21/2010	13:41	5.18E+02	1.68E+02	1.43E+02	4.79E+00	1.09E+00	6.23E-01	-2.71E+00	8.29E+00	8.77E+00	1.61E+00	7.93E+00	9.59E+00	NA	NA	NA	7.45E+02	4.75E+00	ND	ND	NA	MW-41-63
MW-41-63	Q4-2010	017	59.5	-4.6	10/25/2010	12:59	5.06E+02	1.50E+02	1.14E+02	4.25E+00	1.19E+00	7.17E-01	1.06E+00	6.08E+00	7.07E+00	2.87E+00	5.85E+00	7.23E+00	NA	NA	NA						
MW-41-63	Q1-2011	018	59.5	-4.6	2/14/2011	13:37	1.23E+03	4.44E+02	3.80E+02	6.92E+00	2.46E+00	1.96E+00	1.24E+00	5.30E+00	6.03E+00	2.69E+00	6.06E+00	7.29E+00	NA	NA	NA						
MW-41-63	Q2-2011	019	59.5	-4.6	4/20/2011	13:13	7.58E+02	4.90E+02	4.72E+02	-7.72E-01	1.51E+00	2.03E+00	3.53E+00	8.52E+00	1.01E+01	4.02E+00	8.74E+00	1.09E+01	NA	NA	NA						
MW-41-63	Q2-2011 Mid	020	59.5	-4.6	7/15/2011	12:51	7.14E+02	4.56E+02	4.35E+02	3.03E+00	1.50E+00	1.30E+00	2.36E+00	7.71E+00	8.88E+00	4.47E-01	6.81E+00	7.51E+00	NA	NA	NA						
MW-42-49	Q3-2010	022	42.6	27.1	7/30/2010	11:38	1.69E+03	2.34E+02	1.24E+02	1.39E+01	1.53E+00	3.90E-01	1.87E+04	2.46E+03	2.50E+01	7.33E-01	6.64E+00	7.77E+00	1.77E+02	2.97E+01	2.18E+01	1.54E+03	1.52E+01	2.43E+04	ND	2.23E+02	MW-42-49
MW-42-49	Q4-2010	023	42.6	27.1	10/27/2010	12:23	1.28E+03	2.03E+02	1.64E+02	1.81E+01	2.31E+00	8.72E-01	2.39E+04	2.94E+03	2.93E+01	-1.67E+00	9.77E+00	1.03E+01	2.24E+02	2.66E+01	2.10E+01						
MW-42-49	Q1-2011	024	42.6	27.1	3/4/2011	11:37	1.49E+03	5.14E+02	3.88E+02	2.32E+01	3.34E+00	1.11E+00	3.30E+04	4.42E+03	2.75E+01	1.42E+00	6.78E+00	7.87E+00	3.02E+02	3.04E+01	2.00E+01						
MW-42-49	Q2-2011	025	42.6	27.1	4/21/2011	14:04	1.71E+03	5.88E+02	4.80E+02	5.45E+00	2.18E+00	1.45E+00	2.15E+04	2.88E+03	2.08E+01	3.41E+00	9.16E+00	1.09E+01	1.90E+02	2.72E+01	1.73E+01						
MW-42-78	Q3-2010	017	74	-4.3	7/30/2010	12:23	6.31E+02	1.71E+02	1.31E+02	2.78E-02	3.03E-01	3.85E-01	-1.17E-01	7.56E+00	8.30E+00	-7.43E-01	7.04E+00	7.42E+00	1.96E+00	1.31E+01	1.52E+01	6.17E+02	ND	ND	ND	ND	MW-42-78
MW-42-78	Q4-2010	018	74	-4.3	10/27/2010	13:56	6.13E+02	1.74E+02	1.64E+02	-1.14E-01	4.79E-01	5.87E-01	-1.09E+00	8.69E+00	9.51E+00	-5.11E+00	8.41E+00	7.24E+00	-4.24E+00	1.80E+01	2.09E+01						
MW-42-78	Q1-2011	019	74	-4.3	3/4/2011	10:58	5.98E+02	4.06E+02	3.84E+02	8.92E-01	1.47E+00	1.60E+00	-2.03E+00	6.72E+00	6.99E+00	8.03E-02	6.70E+00	7.41E+00	0.00E+00	1.73E+01	1.96E+01						
MW-42-78	Q2-2011	020	74	-4.3	4/21/2011	13:45	6.26E+02	4.78E+02	4.77E+02	4.25E-01	1.13E+00	1.32E+00	-9.71E-01	9.16E+00	9.83E+00	3.58E+00	8.56E+00	1.11E+01	5.89E-01	1.49E+01	1.72E+01						
MW-43-28	Q3-2010	016	23.5	25.3	7/20/2010	13:48	9.11E+01	1.33E+02	1.47E+02	-6.43E-02	3.80E-01	5.33E-01	5.80E+00	7.53E+00	9.76E+00	-1.44E+00	9.49E+00	1.01E+01	NA	NA	NA	1.95E+02	ND	ND	ND	NA	MW-43-28
MW-43-28	Q4-2010	017	23.5	25.3	10/25/2010	11:29	1.95E+02	1.17E+02	1.13E+02	-1.98E-01	5.01E-01	6.94E-01	3.36E+00	5.00E+00	6.09E+00	-5.01E-01	5.43E+00	5.84E+00	NA	NA	NA						
MW-43-28	Q1-2011	018	23.5	25.3	2/15/2011	13:08	2.54E+02	2.80E+02	2.99E+02	-1.06E+00	1.40E+00	2.00E+00	5.75E-02	1.26E+01	7.06E+00	-3.84E+00	6.84E+00	6.54E+00	NA	NA	NA						
MW-43-28	Q2-2011	019	23.5	25.3	4/21/2011	11:15	2.34E+02	4.30E+02	4.72E+02	1.46E+00	1.96E+00	2.04E+00	-9.31E-01	8.74E+00	9.22E+00	4.50E+00	8.60E+00	1.09E+01	NA	NA	NA						
MW-43-62	Q3-2010	016	51	-2.2	7/20/2010	15:07	5.97E+01	1.33E+02	1.51E+02	4.41E-01	4.75E-01	4.94E-01	-1.11E+00	7.96E+00	8.85E+00	-2.40E+00	8.22E+00	8.59E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-43-62
MW-43-62	Q4-2010	017	51	-2.2	10/25/2010	11:06	9.76E+01	1.05E+02	1.12E+02	3.69E-01	7.10E-01	8.03E-01	5.94E-01	6.27E+00	6.81E+00	-6.69E-01	5.37E+00	5.81E+00	NA	NA	NA						
MW-43-62	Q1-2011	018	51	-2.2	2/15/2011	13:15	1.82E+02	2.76E+02	3.00E+02	7.75E-01	1.74E+00	1.95E+00	6.59E-01	5.08E+00	5.56E+00	-2.37E-01	5.16E+00	5.52E+00	NA	NA	NA						
MW-43-62	Q2-2011	019	51	-2.2	4/21/2011	11:00	1.05E+02	4.12E+02	4.72E+02	-4.65E-01	1.67E+00	2.18E+00	-1.90E+00	9.08E+00	9.35E+00	-2.34E+00	8.70E+00	8.43E+00	NA	NA	NA						
MW-44-66	Q3-2010	017	62.4	31.1	7/22/2010	15:47	1.75E+02	1.41E+02	1.47E+02	2.76E-01	5.63E-01	6.43E-01	-3.76E+00	6.86E+00	6.84E+00	1.20E+00	8.52E+00	9.73E+00	NA	NA	NA	6.50E+02	ND	ND	ND	NA	MW-44-66
MW-44-66	Q4-2010	018	62.4	31.1	10/26/2010	14:46	3.10E+02	1.29E+02	1.11E+02	-1.07E-01	4.30E-01	5.95E-01	4.23E-01	6.24E+00	7.11E+00	-3.70E+00	7.37E+00	7.27E+00	NA	NA	NA						
MW-44-66	Q1-2011	019	62.4	31.1	2/18/2011	10:41	4.57E+02	3.90E+02	3.99E+02	-2.94E-01	1.59E+00	1.95E+00	1.74E+00	7.72E+00	8.56E+00	-1.40E+00	7.92E+00	8.46E+00	NA	NA	NA						
MW-44-66	Q2-2011	020	62.4	31.1	4/26/2011	13:17	6.87E+02	4.20E+02	4.03E+02	7.05E-01	1.52E+00	1.70E+00	-1.14E-01	9.36E+00	1.03E+01	3.29E+00	1.07E+01	1.31E+01	NA	NA	NA						
MW-44-66	Q2-2011 Mid	021	62.4	31.1	7/19/2011	15:39	1.62E+03	5.49E+02	4.32E+02	-7.04E-01	6.48E-01	1.06E+00	4.61E+00	9.66E+00	1.16E+01	-5.76E+00	1.11E+01	9.79E+00	NA	NA	NA						
MW-44-102	Q3-2010	018	80	13.5	7/21/2010	13:20	2.76E+02	1.49E+02	1.45E+02	4.11E-01	4.70E-01	4.80E-01	2.38E+00	1.02E+01	1.18E+01	1.83E+00	8.85E+00	9.25E+00	NA	NA	NA	4.85E+02	ND	ND	ND	NA	MW-44-102
MW-44-102	Q4-2010	019	80

TABLE 3
SECOND QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-46	Q3-2010	021	10.5	7.6	7/23/2010	13:10	1.92E+03	2.58E+02	1.46E+02	1.80E-01	5.63E-01	6.59E-01	1.28E-01	7.65E+00	8.12E+00	-1.36E+00	7.96E+00	8.34E+00	NA	NA	NA	3.17E+03	ND	ND	ND	NA	MW-46
MW-46	Q4-2010	022	10.5	7.6	10/28/2010	13:25	3.13E+03	3.08E+02	1.13E+02	3.76E-01	5.09E-01	5.49E-01	-2.05E+00	5.85E+00	5.88E+00	2.98E+00	6.81E+00	8.22E+00	NA	NA	NA						
MW-46	Q1-2011	023	10.5	7.6	2/23/2011	12:46	2.47E+03	5.70E+02	3.98E+02	1.12E+00	1.89E+00	2.06E+00	-2.22E+00	5.28E+00	5.28E+00	5.21E-01	5.10E+00	5.66E+00	NA	NA	NA						
MW-46	Q2-2011	024	10.5	7.6	4/25/2011	11:19	5.25E+03	7.54E+02	3.95E+02	1.48E+00	1.72E+00	1.80E+00	-2.48E+00	7.24E+00	7.06E+00	-4.44E+00	7.44E+00	6.77E+00	NA	NA	NA						
MW-46	Q2-2011 Mid	025	10.5	7.6	7/13/2011	13:29	3.08E+03	7.17E+02	2.86E+02	8.44E-01	1.19E+00	1.26E+00	3.71E+00	8.64E+00	1.04E+01	-9.54E-01	1.02E+01	1.08E+01	NA	NA	NA						
MW-47-56	Q2-2011 Mid	006	53.2	17.1	7/6/2011	15:32	3.52E+03	6.57E+02	4.48E+02	4.63E-01	1.08E+00	1.22E+00	-1.56E+00	1.11E+01	1.20E+01	1.45E-01	7.41E+00	8.25E+00	-1.99E+01	2.17E+01	2.50E+01	3.52E+03	ND	ND	ND	ND	MW-47-56
MW-47-80	Q2-2011 Mid	005	74	-3.7	7/6/2011	14:37	1.36E+05	3.36E+03	4.50E+02	1.95E+00	1.33E+00	1.22E+00	-1.57E+00	8.37E+00	8.73E+00	-3.43E+00	7.80E+00	7.13E+00	3.07E+00	2.59E+01	2.89E+01	1.36E+05	1.95E+00	ND	ND	ND	MW-47-80
MW-49-26	Q3-2010	021	19.1	-4.4	8/11/2010	11:27	3.03E+03	3.03E+02	1.27E+02	1.28E+01	1.44E+00	3.66E-01	-7.91E-01	1.14E+01	1.15E+01	-1.86E+00	1.10E+01	1.19E+01	3.27E-01	1.64E+01	1.92E+01	3.02E+03	1.28E+01	ND	ND	ND	MW-49-26
MW-49-26	Q4-2010	022	19.1	-4.4	11/11/2010	14:23	2.59E+03	3.00E+02	4.76E+02	-3.42E-01	9.56E-01	2.34E+00	4.62E+00	4.84E+00	1.15E+01	1.18E+00	3.96E+00	9.11E+00	-1.79E+00	1.02E+01	2.29E+01						
MW-49-26	Q1-2011	023	19.1	-4.4	1/28/2011	13:37	3.17E+03	6.00E+02	4.29E+02	1.30E+01	2.86E+00	2.01E+00	3.39E-01	1.04E+01	7.00E+00	-2.43E+00	6.42E+00	6.44E+00	-4.38E+00	1.87E+01	2.20E+01						
MW-49-26	Q2-2011	024	19.1	-4.4	4/15/2011	11:58	3.29E+03	7.18E+02	4.80E+02	1.26E+01	3.06E+00	1.91E+00	4.75E+00	1.07E+01	1.27E+01	4.03E+00	1.20E+01	1.47E+01	1.81E+00	1.50E+01	1.72E+01						
MW-49-42	Q3-2010	021	38.1	-23.4	8/11/2010	11:00	2.27E+03	2.72E+02	1.30E+02	1.85E+01	1.67E+00	3.91E-01	4.80E+00	7.88E+00	9.85E+00	-2.34E+00	8.76E+00	9.06E+00	-1.91E+00	1.65E+01	1.96E+01	2.25E+03	1.93E+01	ND	ND	ND	MW-49-42
MW-49-42	Q4-2010	022	38.1	-23.4	11/11/2010	14:13	2.39E+03	2.73E+02	4.02E+02	1.99E+01	1.65E+00	1.12E+00	8.48E-01	6.79E+00	9.79E+00	3.75E+00	5.42E+00	1.30E+01	4.00E+00	8.14E+00	1.80E+01						
MW-49-42	Q1-2011	023	38.1	-23.4	1/28/2011	13:00	2.45E+03	5.38E+02	3.86E+02	2.30E+01	4.02E+00	2.02E+00	-1.07E+00	5.74E+00	6.21E+00	-2.45E+00	5.50E+00	5.32E+00	-3.26E+00	1.86E+01	2.18E+01						
MW-49-42	Q2-2011	024	38.1	-23.4	4/15/2011	11:55	1.90E+03	6.04E+02	4.78E+02	1.57E+01	3.34E+00	2.07E+00	-6.72E+00	7.62E+00	6.17E+00	1.15E-01	7.72E+00	8.33E+00	6.68E+00	1.55E+01	1.73E+01						
MW-49-65	Q3-2010	021	60	-45.4	8/11/2010	11:19	1.32E+03	2.16E+02	1.28E+02	1.24E+01	1.44E+00	4.49E-01	-1.12E+01	1.22E+01	1.43E+01	-2.58E-01	9.88E+00	1.11E+01	-6.74E-01	1.80E+01	2.13E+01	1.75E+03	1.36E+01	ND	ND	ND	MW-49-65
MW-49-65	Q4-2010	022	60	-45.4	11/11/2010	14:18	1.37E+03	2.34E+02	3.97E+02	1.41E+01	1.45E+00	1.34E+00	6.99E+00	6.88E+00	1.07E+01	3.39E-01	5.37E+00	1.18E+01	-3.41E+00	9.31E+00	2.09E+01						
MW-49-65	Q1-2011	023	60	-45.4	1/28/2011	13:15	1.94E+03	5.02E+02	3.85E+02	1.15E+01	3.28E+00	2.06E+00	-6.30E-01	4.96E+00	5.21E+00	7.15E-01	5.20E+00	5.81E+00	-9.08E+00	1.83E+01	2.20E+01						
MW-49-65	Q2-2011	024	60	-45.4	4/15/2011	11:50	2.38E+03	6.48E+02	4.81E+02	1.62E+01	3.12E+00	1.60E+00	2.59E+00	9.66E+00	1.12E+01	4.62E-02	1.01E+01	1.10E+01	4.11E+00	1.49E+01	1.68E+01						
MW-50-42	Q3-2010	022	42	-27.1	8/4/2010	13:11	1.61E+02	1.25E+02	1.28E+02	8.43E+00	1.42E+00	5.63E-01	-1.94E+00	8.65E+00	9.25E+00	1.30E-01	8.05E+00	9.05E+00	0.00E+00	1.59E+01	1.88E+01	1.28E+03	6.02E+00	ND	ND	ND	MW-50-42
MW-50-42	Q4-2010	023	42	-27.1	11/12/2010	12:10	8.67E+02	1.83E+02	1.22E+02	3.73E+00	1.31E+00	9.89E-01	2.40E+00	5.71E+00	6.76E+00	2.73E+00	5.58E+00	6.94E+00	-7.36E+00	1.79E+01	2.15E+01						
MW-50-42	Q1-2011	024	42	-27.1	2/25/2011	12:36	5.61E+02	3.88E+02	3.85E+02	5.42E+00	2.34E+00	1.91E+00	-1.29E-01	5.46E+00	5.88E+00	-9.07E-01	4.42E+00	4.42E+00	-7.19E+00	1.82E+01	2.18E+01						
MW-50-42	Q2-2011	025	42	-27.1	5/3/2011	12:05	3.77E+03	5.58E+02	3.41E+02	9.53E+00	2.20E+00	1.04E+00	1.92E+00	9.44E+00	1.07E+01	5.79E-01	1.02E+01	1.16E+01	5.86E-01	1.69E+01	1.92E+01						
MW-50-42	Q2-2011 Mid	026	42	-27.1	7/25/2011	12:18	1.03E+03	4.89E+02	4.43E+02	3.01E+00	2.09E+00	2.02E+00	-1.11E+00	7.86E+00	8.36E+00	6.63E-02	8.16E+00	9.04E+00	3.81E+00	1.71E+01	1.91E+01						
MW-50-66	Q3-2010	027	60	-45.1	8/4/2010	16:38	3.51E+03	3.33E+02	1.34E+02	2.65E+01	2.28E+00	4.80E-01	3.52E+00	8.29E+00	9.99E+00	9.22E-01	9.18E+00	1.06E+01	2.07E+00	1.56E+01	1.81E+01	4.44E+03	2.57E+01	ND	ND	ND	MW-50-66
MW-50-66	Q4-2010	028	60	-45.1	11/12/2010	12:30	3.72E+03	3.30E+02	1.20E+02	2.33E+01	2.71E+00	9.50E-01	-1.39E+00	6.21E+00	6.79E+00	-1.67E+00	6.95E+00	7.30E+00	3.25E-01	1.88E+01	2.18E+01						
MW-50-66	Q1-2011	029	60	-45.1	2/25/2011	12:36	3.76E+03	6.18E+02	3.83E+02	2.61E+01	4.02E+00	2.13E+00	2.94E+00	7.20E+00	8.24E+00	6.79E-01	8.00E+00	9.10E+00	-2.80E+00	1.81E+01	2.12E+01						
MW-50-66	Q2-2011	030	60	-45.1	5/3/2011	12:07	4.73E+03	6.12E+02	3.45E+02	2.63E+01	3.30E+00	1.08E+00	0.00E+00	1.77E+01	9.05E+00	-2.32E+00	9.06E+00	9.12E+00	8.43E+00	1.70E+01	1.88E+01						
MW-50-66	Q2-2011 Mid	031	60	-45.1	7/25/2011	12:26	6.50E+03	8.73E+02	4.48E+02	2.61E+01	4.08E+00	1.35E+00	-4.59E-01	7.02E+00	7.74E+00	3.81E+00	8.55E+00	1.07E+01	1.02E+01	1.66E+01	1.81E+01						
MW-51-40	Q3-2010	016	39.7	28	8/25/2010	16:29	1.70E+02	1.07E+02	1.03E+02	-4.31E-02	3.11E-01	4.19E-01	-2.48E+00	6.17E+00	6.53E+00	1.46E+00	5.21E+00	6.37E+00	NA	NA	NA	1.59E+02	ND	ND	ND	NA	MW-51-40
MW-51-40	Q4-2010	017	39.7	28	11/30/2010	12:54	1.48E+02	1.41E+02	1.44E+02	1.46E-01	6.05E-01	7.12E-01	1.54E+00	4.28E+00	4.95E+00	1.72E+00	4.17E+00	4.95E+00	NA	NA	NA						
MW-51-40	Q1-2011	018	39.7	28	3/8/2011	10:18	1.02E+02	2.34E+02	2.67E+02	1.07E+00	1.51E+00	1.61E+00	-7.97E+00	1.21E+01	1.36E+01	2.42E+00	7.30E+00	8.76E+00	NA	NA	NA						
MW-51-40	Q2-2011	019	39.7	28	4/29/2011	10:41	3.63E+02	4.14E+02	4.35E+02	2.26E-01	1.37E+00	1.59E+00	-3.40E+00	9.48E+00	9.62E+00	6.20E+00	1.11E+01	1.40E+01	NA	NA	NA						
MW-51-79	Q3-2010	016	78.7	-11	8/25/2010	16:47	1.10E+02	9.84E+01	1.01E+02	5.81E-01	8.23E-01	8.92E-01	5.29E+00	6.13E+00	7.76E+00	1.58E+00	6.71E+00	7.88E+00	NA	NA	NA	1.10E+02	ND	ND	ND	NA	MW-51-79
MW-51-79	Q4-2010	017	78.7	-11	11/30/2010	13:08	3.11E+01	1.21E+02	1.44E+02	-1.22E-01	4.32E-01	5.24E-01	-8.30E-01	4.13E+00	4.54E+00	9.98E-01	4.02E+00	4.66E+00	NA	NA	NA						
MW-51-79	Q1-2011	018	78.7	-11	3/8/2011	10:34	1.36E+02	2.46E+02	2.70E+02	-2.03E-01	1.22E+00	1.53E+00	2.42E+00	5.42E+00	6.52E+00	-2.74E+00	7.36E+00	6.45E+00	NA	NA	NA						
MW-51-79	Q2-2011	019	78.7	-11	4/29/2011	10:57	1.17E+02	3.82E+02	4.33E+02	1.03E+00	1.67E+00	1.82E+00	-4.93E-01	7.56E+00	8.23E+00	-8.38E-01	8.08E+00	8.53E+00	NA	NA	NA						
MW-51-104	Q3-2010	014	103.7	-36	8/25/2010	13:18	1.33E+02	1.37E+02	1.44E+02	7.62E-01	8.15E-01	8.20E-01	8.90E-01	5.75E+00	6.63E+00	-2.70E-01	4.96E+00	5.47E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-104
MW-51-104	Q4-2010	015	103.7	-36	11/30/2010	9:55	8.54E+01	1.33E+02	1.47E+02	3.74E-01	7.18E-01	8.12E-01	-1.43E-01	3.99E+00	4.55E+00	2.19E-01	4.56E+00	5.05E+00	NA	NA	NA						
MW-51-104	Q1-2011	016	103.7	-36	3/8/2011	12:10	5.76E+01	3.10E+02	3.55E+02	8.91E-01	1.47E+00	1.60E+00	2.54E+00	7.20E+00	8.14E+00	9.02E-01	5.50E+00	6.24E+00	NA	NA	NA						
MW-51-104	Q2-2011	017	103.7	-36	4/29/2011	12:35	1.97E+02	3.90E+02	4.32E+02	1.41E+00	1.45E+00	1.48E+00	-1.90E+00	1.08E+01	1.25E+01	-6.79E-01	1.10E+01	1.20E+01	NA	NA	NA						
MW-51-135	Q3-2010	014	135.2	-67.5	8/25/2010	13:21	1.36E+02	1.41E+02	1.47E+02	-2.33E-01	4.44E-01	6.70E-01	-6.64E-01	6.15E+00	6.80E+00	1.74E+00	6.62E+00	7.77E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-135
MW-51-135	Q4-2010	015	135.2	-67.5	11/30/2010	9:57	9.53E+01	1.33E+02	1.45E+02	4.21E-01	7.13E-01	7.98E-01	-5.11E-01	4.18E+00	4.61E+00	-2.98E-01	4.20E+00	4.58E+00	NA	NA	NA						
MW-51-135	Q1-2011	016	135.2	-67.5	3/8/2011	12:44	8.29E+01	2.24E+02	2.62E+02	8.62E-01	1.31E+00	1.42E+00	8.60E-02	6.02E+00	6.77E+00	2.37E+00	5.96E+00	7.38E+00	NA	NA	NA						
MW-51-135	Q2-2011	017	135.2	-67.5	4/29/2011	13:16	0.00E+00	3.66E+02	4.35E+02	1.14E+00	1.52E+00	1.63E+00	2.52E+00	1.01E+01	1.17E+01	-5.69E-01	9.00E+00	9.56E+00	NA	NA	NA						
MW-51-163	Q3-2010	014	162.7	-95	8/25/2010	13:51	8.26E+01	9.75E+01	1.05E+02	-1.08E-01	3.98E-01	5.31E-01	3.91E+00	6.72E+00	8.11E+00	8.67E-01	6.32E+00	7.26E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-163
MW-51-163	Q4-2010	015	162.7	-95	11/30/2010	10:02	9.01E+01	1.31E+02	1.44E+02	-3.11E-01	6.98E-01	9.94E-01	1.23E+00	8.07E+00	4.14E+00	3.30E-01	3.94E+00	4.43E+00	NA	NA	NA						
MW-51-163	Q1-2011	016	162.7	-95	3/8/2011	13:01	0.00E+00	1.96E+02	2.63E+02	-5.97E-01	1.39E+00	1.98E+00	2.81E+00	6.54E+00	7.66E+00	5.35E-01	7.76E+00	8.69E+00	NA	NA	NA						
MW-51-163	Q2-2011	017	162.7	-95	4/29/2011	13:19	4.68E+01	3.66E+02	4.30E+02	5.27E-01	1.45E+00	1.65E+00	2.26E+00	8.40E+00	9.72E+00	9.25E-01	7.72E+00	8.87E+00	NA	NA	NA						
MW-51-189	Q3-2010	014	189.2	-121.5	8/25/2010	13:13	5.86E+01	9.38E+01	1.04E+02	4.40E-02	5.97E-01	7.65E-01	2.87E+00	5.64E+00	6.69E+00	-8.01E-01	5.85E+00	6.25E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-51-189
MW-51-189	Q4-2010	015	189.2	-121.5	11/30/2010	9:56	6.91E+01	1.29E+02	1.46E+02	1.93E-01	7.99E-01	9.81E-01	-7.45E-01	4.51E+00	4.98E+00	-3.16E-01	4.61E+00	5.06E+00	NA	NA	NA						
MW-51-189*	Q1-2011	016	189.2	-121.5	3/8/2011	12:30	-1.50E+01	1.93E+02	2.68E+02	-3.06E-01	1.46E+00	1.97E+00	3.77E+01*	1.47E+01	6.28E+00	2.28E-01	5.28E+00	5.79E+00	NA	NA	NA						
MW-51-189	Q2-2011	017	189.2	-121.5	4/29/2011	12:52	2.32E+02	3.96E+02	4.33E+02	1.28E+00	1.50E+00	1.57E+00	-8.07E-01	5.82E+00	6.25E+00	-5.07E+00	9.48E+00	8.89E+00	NA	NA	NA						
MW-52-11	Q2-2011	006	10	6.8	4/22/2011	12:10	3.04E+02	4.08E+02	4.35E+02	1.29E-01	1.35E+00	1.60E+00	2.27E+00	1.02E+01	1.17E+01	5.08E+00	9.92E+00	1.24E+01	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-11
MW-52-11	Q2-2011 Mid	007	10	6.8	7/26/2011	12:32	3.99E+02	4.21E+02	4.21E+02	1.86E-01	1.49E+00	1.74E+00	1.71E+00	8.76E+00	9.71E+00	-2.27E+00	8.43E+00	8.63E+00	NA	NA	NA						
MW-52-18	Q2-2011	006	17.5	-2.6	4/22/2011	12:16	7.01E+01	3.76E+02	4.35E+02	1.37E+00	1.39E+00	1.42E+00	8.81E+00	1.29E+01	9.01E+00	-1.49E+00	9.44E+00	9.90E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-18
MW-52-18	Q2-2011 Mid	007	17.5	-2.6	7/26/2011	14:39	2.52E+02	3.87E+02	4.22E+02	1.06E+00	1.62E+00	1.76E+00	3.80E+00	6.45E+00	8.08E+00	-3.24E+00	8.10E+00	7.84E+00	NA	NA	NA						
MW-52-48	Q2-2011	006	48	-33.1	4/22/2011	12:18	1.06E+02	3.82E+02	4.36E+02	1.69E-01	1.37E+00	1.62E+00	-4.59E+00	7.58E+00	7.31E+00	1.35E+00	7.80E+00	9.17E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-48
MW-52-48	Q2-2011 Mid	007	48	-33.1	7/26/2011	15:08	7.68E+01	3.66E+02	4.21E+02	1.20E+00	1.46E+00	2.34E+00	9.60E+00	1.07E+01	-7.68E-01	8.73E+00	1.01E+01	NA	NA	NA	NA						
MW-52-64	Q2-2011	006	64	-49.1	4/22/2011	15:23	-2.26E+01	3.58E+02	4.32E+02	5.12E-01	1.13E+00	1.27E+00	1.87E+00	6.72E+00	7.70E+00	-8.05E+00	8.28E+00	6.18E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-64
MW-52-64	Q2-2011 Mid	007	64	-49.1	7/27/2011	10:45	1.35E+02	3.81E+02	4.31E+02	-4.58E-01	8.67E-01	1.27E+00	2.48E+00	7.17E+00	8.34E+00	6.66E-01	8.13E+00	9.05E+00	NA	NA	NA						
MW-52-122	Q2-2011	006	122	-107.1	4/22/2011	10:45	-2.27E+01	3.60E+02	4.33E+02	1.14E+00	1.17E+00	1.17E+00	3.48E+01	2.08E+01	9.71E+00	-1.96E+00	7.96E+00	7.90E+00	NA	NA	NA	ND	ND	3.48E+01	ND	NA	MW-52-122
MW-52-122	Q2-2011 Mid	007	122	-107.1	7/26/2011	13:36	-2.18E+01	3.48E+02	4.19E+02	1.05E-01	1.19E+00	1.47E+00	-5.49E+00	7.92E+00	8.02E-01	6.84E+00	7.89E+00	NA	NA	NA	NA						
MW-52-162	Q2-2011	006	161.5	-146.6	4/22/2011	10:18	1.85E+02	3.84E+02	4.29E+02	-7.50E-01	9.50E-01	1.42E+00	1.47E+00	8.40E+00	9.68E+00	1.95E-02	1.00E+01	1.10E+01	NA	NA	NA	5.16E+02	ND	ND	ND	NA	MW-52-162
MW-52-162	Q2-2011 Mid	007	161.5	-146.6	7/26/2011	11:33	5.16E+02	4.20E+02	4.22E+02	3.77E-03	1.21E+00	1.57E+00	4.29E-02	8.34E+00	9.09E+00	-2.32E+00	9.87E+00	1.00E+01	NA	NA	NA						
MW-52-181	Q2-2011	006	181	-166.1	4/22/2011	10:22	2.45E+02	3.96E+02	4.33E+02	1.18E+00	1.42E+00	1.48E+00	6.46E+01	2.68E+01	1.22E+01	-1.09E+00	1.22E+01	1.30E+01	NA	NA	NA	ND	ND	6.46E+01	ND	NA	MW-52-181
MW-52-181	Q2-2011 Mid	007	181	-166.1	7/26/2011	11:43	2.41E+02	3.87E+02	4.22E+02	3.57E-01	1.28E+00	1.54E+00	-1.99E+00	7.50E+00	7.52E+00	-1.27E+00	9.39E+00	9.97E+00	NA	NA	NA						
MW-53-82	Q3-2010	016	75	-4.7	7/30/2010	12:32	2.25E+03	2.66E+02	1.27E+02	3.34E-01	3.83E-01	4.00E-01	-3.03E+00	8.36E+00	8.46E+00	-1.90E+00	8.00E+00	8.03E+00	-1.45E+01	1.77E+01	2.23E+01	1.51E+03	ND	ND	ND	ND	MW-53-82
MW-53-82	Q4-2010	017	75	-4.7	10/27/2010	12:07	2.59E+03	2.79E+02	1.10E+02	8.07E-01	7.90E-01	8.26E-01	-3.74E-02	5.82E+00	6.57E+00	1.14E-01	6.23E+00	7.00E+00	NA	NA	NA						
MW-53-82	Q1-2011	018	75	-4.7	3/3/2011	11:53	5.95E+02	3.76E+02	3.73E+02	1.61E+00	1.82E+00	1.91E+00	3.61E+00	6.18E+00	7.60E+00	-1.88E+00	7.02E+00	7.25E+00	-7.63E+00	1.59E+01	1.85E+01						
MW-53-82	Q2-2011	019	75	-4.7	4/18/2011	12:45	6.24E+02	4.56E+02	4.50E+02	4.40E-01	1.45E+00	1.67E+00	-4.57E+00	9.82E+00	9.80E+00	3.12E+00	8.78E+00	1.07E+01	-5.86E-01	1.48E+01	1.72E+01						
MW-53-120	Q3-2010	020	109.8	-39.5	7/30/2010	14:36	3.81E+03	3.38E+02	1.28E+02	2.97E+01	2.22E+00	4.77E-01	2.09E+00	1.27E+01	1.37E+01	-4.76E-01	8.04E+00	8.95E+00	3.59E+00	1.91E+01	2.21E+01	3.92E+03	3.11E+01	ND	ND	ND	MW-53-120
MW-53-120	Q4-2010	021	109.8	-39.5	10/27/2010	12:48	3.91E+03	3.38E+02	1.11E+02	2.96E+01	2.91E+00	7.02E-01	2.32E+00	5.07E+00	6.00E+00	-9.52E-01	5.46E+00	5.76E+00	NA	NA	NA						
MW-53-120	Q1-2011	022	109.8	-39.5	3/3/2011	12:00	3.84E+03	7.18E+02	3.89E+02	2.95E+01	3.76E+00	1.13E+00	2.30E+00	7.32E+00	8.49E+00	-2.43E+00	8.14E+00	8.13E+00	1.00E+01	1.70E+01	1.87E+01						
MW-53-120	Q2-2011	023	109.8	-39.5	4/18/2011	11:52	4.11E+03	7.72E+02	4.75E+02	3.55E+01	4.56E+00	1.67E+00	1.38E+00	8.82E+00	9.99E+00	4.87E-01	9.24E+00	1.02E+01	1.76E+01	1.77E+01	1.87E+01						
MW-54-37	Q3-2010	014	36.5	-23.4	8/4/2010	14:32	1.21E+03	2.10E+02	1.30E+02	4.00E+00	8.07E-01	3.32E-01	-4.96E-01	7.38E+00	8.14E+00	-3.97E+00	9.63E+00	9.58E+00	-3.50E+00	1.50E+01	1.80E+01	7.41E+03	4.53E+00	ND	ND	ND	MW-54-37
MW-54-37	Q4-2010	015	36.5	-23.4	11/23/2010	14:47	1.45E+03	2.27E+02	1.26E+02	4.51E+00	1.42E+00	9.84E-01	-2.09E+00	5.46E+00	5.80E+00	-6.89E-01	6.35E+00	6.93E+00	-2.56E+00	1.81E+01	2.15E+01						
MW-54-37	Q1-2011	016	36.5	-23.4	2/1/2011	14:10	1.33E+03	4.86E+02	3.78E+02	4.88E+00	1.77E+00	1.26E+00	-1.42E+00	5.54E+00	5.67E+00	3.12E-01	6.42E+00	7.04E+00	-2.81E+00	1.59E+01	1.82E+01						
MW-54-37	Q2-2011	017	36.5	-23.4	4/12/2011	12:02	5.16E+03	8.40E+02	4.76E+02	4.91E+00	2.08E+00	1.69E+00	2.95E+00	8.26E+00	9.69E+00	2.50E+00	8.26E+00	9.96E+00	3.16E+00	1.45E+01	1.65E+01						
MW-54-37	Q2-2011 Mid	018	36.5	-23.4	7/18/2011	13:45	2.79E+04	1.67E+03	4.43E+02	4.34E+00	2.19E+00	1.85E+00	-1.17E+00	6.36E+00	6.58E+00	4.07E+00	9.21E+00	1.09E+01	1.56E+01	1.91E+01	2.07E+01						
MW-54-58	Q3-2010	014	57.5	-44.4	8/4/2010	14:35	7.67E+02	1.79E+02	1.28E+02	1.36E+00	6.88E-01	6.20E-01	-3.95E+00	9.51E+00	9.85E+00	8.15E-01	1.14E+01	1.32E+01	-5.38E-01	1.44E+01	1.70E+01	1.20E+03	1.80E+00	ND	ND	ND	MW-54-58
MW-54-58	Q4-2010	015	57.5	-44.4	11/23/2010	14:55	8.21E+02	1.80E+02	1.23E+02	2.67E+00	1.13E+00	9.76E-01	3.83E+00	6.50E+00	7.88E+00	2.75E+00	6.57E+00	8.00E+00	-3.94E+00	1.86E+01	2.21E+01						
MW-54-58	Q1-2011	016	57.5	-44.4	2/1/2011	14:22	9.58E+02	4.56E+02	3.92E+02	1.68E+00	1.34E+00	1.28E+00	-4.20E-02	7.14E+00	7.94E+00	-2

TABLE 3
SECOND QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-54-190	Q3-2010	014	190	-176.9	8/4/2010	12:34	1.60E+03	2.33E+02	1.28E+02	1.57E+01	1.51E+00	2.87E-01	-1.62E+00	8.25E+00	8.88E+00	-1.20E+00	8.80E+00	9.41E+00	-3.22E+00	1.84E+01	2.21E+01	1.97E+03	1.76E+01	ND	ND	ND	MW-54-190
MW-54-190	Q4-2010	015	190	-176.9	11/23/2010	12:22	1.93E+03	2.55E+02	1.27E+02	1.92E+01	1.89E+00	7.12E-01	-9.64E-01	6.04E+00	6.61E+00	-2.29E+00	6.71E+00	6.79E+00	-3.18E-01	1.81E+01	2.14E+01						
MW-54-190	Q1-2011	016	190	-176.9	2/1/2011	12:25	1.89E+03	5.56E+02	3.90E+02	1.68E+01	3.36E+00	1.28E+00	4.59E-01	6.34E+00	7.14E+00	-3.55E+00	5.96E+00	5.21E+00	1.71E+00	1.67E+01	1.89E+01						
MW-54-190	Q2-2011	017	190	-176.9	4/12/2011	10:01	2.07E+03	6.18E+02	4.78E+02	1.90E+01	3.38E+00	1.77E+00	3.33E+00	7.86E+00	9.23E+00	8.70E-01	9.00E+00	1.00E+01	3.35E-01	1.58E+01	1.82E+01						
MW-54-190	Q2-2011 Mid	018	190	-176.9	7/18/2011	12:14	2.37E+03	6.06E+02	4.45E+02	1.75E+01	2.85E+00	1.12E+00	2.24E+00	1.16E+01	1.29E+01	-2.72E+00	1.18E+01	1.22E+01	-3.86E+00	1.55E+01	1.74E+01						
MW-55-24	Q3-2010	015	16	2.3	8/6/2010	13:11	1.21E+03	2.12E+02	1.30E+02	8.64E+00	1.22E+00	4.51E-01	1.13E+00	8.94E+00	1.04E+01	8.02E-01	8.22E+00	9.59E+00	1.17E+01	1.64E+01	1.81E+01	1.21E+03	1.01E+01	ND	ND	ND	MW-55-24
MW-55-24	Q4-2010	016	16	2.3	11/1/2010	14:10	1.39E+03	2.09E+02	1.65E+02	1.08E+01	1.98E+00	9.92E-01	-2.29E-01	8.10E+00	9.04E+00	-4.71E+00	7.93E+00	6.54E+00	7.56E+00	1.88E+01	2.12E+01						
MW-55-24	Q1-2011	017	16	2.3	2/3/2011	14:13	1.02E+03	4.48E+02	4.20E+02	1.09E+01	2.82E+00	1.96E+00	-3.57E-01	4.92E+00	5.43E+00	4.75E+00	8.74E+00	7.44E+00	-5.31E+00	1.81E+01	2.14E+01						
MW-55-35	Q3-2010	014	32	-13.8	8/6/2010	13:15	1.89E+03	2.46E+02	1.25E+02	1.66E+01	1.65E+00	3.57E-01	-4.27E-01	8.60E+00	9.69E+00	4.31E+00	9.66E+00	1.22E+01	9.65E+00	1.62E+01	1.81E+01	1.72E+03	1.57E+01	ND	ND	ND	MW-55-35
MW-55-35	Q4-2010	015	32	-13.8	11/1/2010	14:26	1.57E+03	2.12E+02	1.62E+02	1.13E+01	1.97E+00	9.17E-01	-2.41E+00	8.88E+00	9.46E+00	5.36E-01	8.18E+00	9.32E+00	6.22E+00	1.79E+01	2.03E+01						
MW-55-35	Q1-2011	016	32	-13.8	2/3/2011	14:16	1.70E+03	4.84E+02	3.86E+02	1.93E+01	3.42E+00	2.05E+00	8.32E-01	5.82E+00	6.45E+00	1.03E+00	6.24E+00	7.03E+00	-2.16E+00	1.86E+01	2.17E+01						
MW-55-54	Q3-2010	015	47	-28.8	8/6/2010	12:50	9.74E+03	5.22E+02	1.28E+02	1.93E+01	1.88E+00	3.96E-01	-1.51E+00	7.77E+00	8.26E+00	1.82E+00	7.26E+00	8.71E+00	-1.77E-01	1.41E+01	1.65E+01	8.96E+03	1.92E+01	ND	ND	ND	MW-55-54
MW-55-54	Q4-2010	016	47	-28.8	11/1/2010	13:36	8.68E+03	3.95E+02	1.57E+02	1.93E+01	1.72E+00	6.48E-01	-3.03E+00	7.29E+00	7.24E+00	9.59E-01	7.50E+00	8.63E+00	1.12E-01	1.77E+01	2.04E+01						
MW-55-54	Q1-2011	017	47	-28.8	2/3/2011	14:17	8.46E+03	8.58E+02	3.89E+02	1.91E+01	3.78E+00	1.95E+00	3.62E+00	5.80E+00	7.00E+00	-6.59E-01	7.44E+00	7.93E+00	-8.13E+00	1.78E+01	2.14E+01						
MW-56-53	Q4-2010	009	52	18.3	11/15/2010	12:48	4.64E+02	1.88E+02	3.82E+02	1.27E+00	8.67E-01	1.86E+00	3.71E+00	4.39E+00	1.06E+01	-1.74E+00	4.89E+00	9.96E+00	NA	NA	NA	4.64E+02	ND	ND	ND	NA	MW-56-53
MW-56-53	Q2-2011	010	52	18.3	4/27/2011	12:08	1.18E+02	3.48E+02	3.97E+02	-3.07E-02	1.23E+00	1.60E+00	3.04E+00	8.50E+00	1.01E+01	-1.64E+00	8.42E+00	8.44E+00	NA	NA	NA						
MW-56-53	Q2-2011 Mid	011	52	18.3	7/6/2011	12:58	2.03E+02	2.75E+02	2.83E+02	-3.68E-01	7.89E-01	1.12E+00	3.72E+00	7.77E+00	9.45E+00	-4.34E+00	8.82E+00	9.56E+00	-4.67E+00	2.28E+01	2.56E+01						
MW-56-83	Q4-2010	011	74	-3.7	11/15/2010	14:37	2.74E+03	2.63E+02	3.84E+02	1.02E+00	7.08E-01	1.50E+00	-2.51E+00	3.87E+00	7.83E+00	-2.67E+00	3.90E+00	7.34E+00	NA	NA	NA	5.44E+04	2.66E+00	ND	ND	NA	MW-56-83
MW-56-83	Q2-2011	012	74	-3.7	4/27/2011	13:46	7.64E+04	2.40E+03	4.19E+02	3.87E+00	1.60E+00	1.28E+00	-1.05E+00	1.14E+01	1.33E+01	-1.27E+00	9.50E+00	1.01E+01	NA	NA	NA						
MW-56-83	Q2-2011 Mid	013	74	-3.7	7/6/2011	11:58	8.42E+04	3.54E+03	2.81E+02	1.45E+00	1.27E+00	1.19E+00	2.77E+00	2.01E+01	9.44E+00	4.20E-01	8.16E+00	9.20E+00	-1.36E+01	2.15E+01	2.46E+01						
MW-57-11	Q2-2011	007	10	5	5/4/2011	10:28	6.40E+03	6.84E+02	3.41E+02	3.11E+01	3.62E+00	1.04E+00	3.74E+00	8.32E+00	9.74E+00	2.05E+00	8.40E+00	9.72E+00	6.20E+00	1.66E+01	1.85E+01	6.88E+03	3.48E+01	ND	ND	ND	MW-57-11
MW-57-11	Q2-2011 Mid	008	10	5	7/18/2011	11:57	7.36E+03	9.18E+02	4.45E+02	3.87E+01	5.28E+00	2.11E+00	3.27E-01	8.88E+00	9.84E+00	-2.34E+00	9.18E+00	9.39E+00	-6.76E+00	1.48E+01	1.67E+01						
MW-57-20	Q2-2011	007	19	-4	5/4/2011	10:37	2.03E+04	1.15E+03	3.44E+02	1.74E+00	1.11E+00	9.49E-01	1.48E+00	7.52E+00	8.43E+00	-7.32E-01	9.22E+00	1.02E+01	-5.44E+00	1.64E+01	1.91E+01	2.92E+04	1.51E+00	ND	ND	ND	MW-57-20
MW-57-20	Q2-2011 Mid	008	19	-4	7/18/2011	12:09	3.81E+04	1.94E+03	4.43E+02	1.27E+00	1.08E+00	1.01E+00	-5.13E+00	7.71E+00	7.35E+00	9.16E-01	8.67E+00	9.92E+00	-5.69E+00	1.93E+01	2.20E+01						
MW-57-45	Q2-2011	008	40	-25	5/4/2011	11:03	1.35E+04	9.48E+02	3.43E+02	9.06E-01	9.74E-01	9.60E-01	7.40E+00	9.54E+00	1.21E+01	-1.84E+00	9.48E+00	9.59E+00	6.39E+00	1.78E+01	1.98E+01	1.94E+04	ND	ND	ND	ND	MW-57-45
MW-57-45	Q2-2011 Mid	009	40	-25	7/18/2011	12:36	2.53E+04	1.60E+03	4.47E+02	1.28E+00	1.32E+00	1.34E+00	-2.08E-01	8.16E+00	8.83E+00	-7.58E-01	9.39E+00	9.67E+00	-1.04E+01	1.53E+01	1.74E+01						
MW-58-26	Q4-2010	011	20	-5.4	11/11/2010	15:12	3.66E+02	1.73E+02	1.44E+02	4.13E-01	7.89E-01	8.92E-01	1.98E+00	3.81E+00	4.51E+00	2.98E+00	3.75E+00	4.70E+00	NA	NA	NA	9.83E+02	ND	ND	ND	NA	MW-58-26
MW-58-26	Q2-2011	012	20	-5.4	5/3/2011	9:58	7.22E+02	4.30E+02	4.21E+02	3.15E-01	1.13E+00	1.32E+00	2.29E+00	5.80E+00	6.89E+00	-6.42E+00	9.02E+00	8.00E+00	NA	NA	NA						
MW-58-26	Q2-2011 Mid	013	20	-5.4	7/5/2011	13:29	1.86E+03	5.46E+02	4.47E+02	-3.25E-01	1.10E+00	1.41E+00	7.41E-01	6.84E+00	7.61E+00	1.22E+00	7.32E+00	8.39E+00	-1.01E+01	1.99E+01	2.25E+01						
MW-58-65	Q4-2010	011	54	-39.4	11/11/2010	13:53	4.81E+02	1.88E+02	1.45E+02	7.15E-01	7.72E-01	8.31E-01	2.61E-01	3.71E+00	4.18E+00	3.74E+00	4.41E+00	5.49E+00	NA	NA	NA	6.04E+02	ND	ND	ND	NA	MW-58-65
MW-58-65	Q2-2011	012	54	-39.4	5/3/2011	10:11	3.29E+02	3.78E+02	3.97E+02	-4.47E-01	1.03E+00	1.44E+00	1.93E+00	5.92E+00	7.00E+00	-7.81E-01	7.04E+00	7.26E+00	NA	NA	NA						
MW-58-65	Q2-2011 Mid	013	54	-39.4	7/5/2011	13:30	7.26E+02	3.93E+02	2.83E+02	4.19E-01	9.12E-01	1.03E+00	5.29E+00	1.05E+01	1.25E+01	1.47E+00	7.53E+00	8.78E+00	3.44E-01	2.03E+01	2.27E+01						
MW-59-32	Q2-2011 Mid	005	27	-12.5	7/20/2011	9:59	1.56E+02	3.90E+02	4.38E+02	5.88E-01	1.14E+00	1.27E+00	-1.79E+00	7.92E+00	8.02E+00	-2.58E+00	9.78E+00	1.02E+01	-1.40E+01	1.82E+01	2.07E+01	ND	ND	ND	ND	ND	MW-59-32
MW-59-45	Q2-2011 Mid	005	42	-27.5	7/20/2011	9:59	5.24E+02	4.35E+02	4.43E+02	-1.01E+00	1.05E+00	1.49E+00	1.81E+00	8.52E+00	9.88E+00	2.79E+00	9.48E+00	1.15E+01	-1.12E+01	1.83E+01	2.08E+01	5.24E+02	ND	ND	ND	ND	MW-59-45
MW-59-68	Q2-2011 Mid	005	58	-43.5	7/20/2011	10:14	1.15E+02	3.90E+02	4.42E+02	1.10E-01	7.26E-01	9.01E-01	2.83E+00	9.33E+00	1.09E+01	8.22E-01	9.87E+00	1.06E+01	-1.57E+01	2.17E+01	2.47E+01	ND	ND	ND	ND	ND	MW-59-68
MW-60-35	Q3-2010	014	34.9	-22.4	8/16/2010	14:43	2.35E+02	1.42E+02	1.41E+02	3.19E-01	6.48E-01	7.39E-01	3.02E-01	5.73E+00	6.47E+00	-1.36E+00	6.23E+00	6.68E+00	-4.52E+00	2.14E+01	2.52E+01	2.35E+02	ND	ND	ND	ND	MW-60-35
MW-60-35	Q4-2010	015	34.9	-22.4	11/18/2010	13:25	2.44E+02	1.85E+02	4.00E+02	-5.33E-01	6.54E-01	1.73E+00	9.47E-01	4.80E+00	1.08E+01	-4.28E-01	4.56E+00	9.75E+00	-1.11E+01	8.47E+00	1.92E+01						
MW-60-35	Q1-2011	016	34.9	-22.4	2/11/2011	12:17	3.20E+02	3.72E+02	3.88E+02	9.73E-01	1.63E+00	1.78E+00	2.69E+00	6.24E+00	7.46E+00	1.22E-01	3.76E+00	4.24E+00	-1.61E+00	1.62E+01	1.84E+01						
MW-60-35	Q2-2011	017	34.9	-22.4	4/15/2011	11:36	2.03E+02	4.32E+02	4.80E+02	3.77E-01	1.66E+00	2.00E+00	2.46E+00	1.14E+01	8.95E+00	-8.48E-01	9.58E+00	1.03E+01	2.65E+00	1.42E+01	1.61E+01						
MW-60-53	Q3-2010	014	53.4	-40.9	8/16/2010	15:34	2.58E+02	1.50E+02	1.60E+02	-2.84E-02	4.87E-01	6.04E-01	-8.42E+00	7.92E+00	7.70E+00	-2.64E+00	6.03E+00	6.02E+00	-8.48E+00	1.98E+01	2.37E+01	2.58E+02	ND	ND	ND	ND	MW-60-53
MW-60-53	Q4-2010	015	53.4	-40.9	11/18/2010	12:22	2.49E+02	1.83E+02	3.96E+02	-4.58E-01	4.20E-01	1.32E+00	4.54E-01	4.11E+00	9.15E+00	2.23E+00	3.57E+00	8.75E+00	1.10E+01	8.93E+00	1.96E+01						
MW-60-53	Q1-2011	016	53.4	-40.9	2/11/2011	10:57	3.19E+02	3.70E+02	3.87E+02	7.44E-01	1.52E+00	1.70E+00	-2.03E+00	5.88E+00	6.16E+00	1.39E+00	7.96E+00	8.33E+00	-1.39E+00	1.50E+01	1.72E+01						
MW-60-53	Q2-2011	017	53.4	-40.9	4/15/2011	11:37	-5.87E+01	3.96E+02	4.80E+02	-1.18E-02	1.60E+00	2.04E+00	2.17E+00	9.90E+00	1.14E+01	-1.11E+00	8.68E+00	8.95E+00	-1.06E+00	1.43E+01	1.66E+01						
MW-60-72	Q3-2010	014	72.4	-59.9	8/17/2010	11:59	2.33E+01	1.23E+02	1.44E+02	1.97E-01	5.90E-01	6.91E-01	-5.91E-01	5.40E+00	6.06E+00	-1.59E+00	6.08E+00	6.57E+00	1.19E+00	2.04E+01	2.37E+01	ND	ND	ND	ND	ND	MW-60-72
MW-60-72	Q4-2010	015	72.4	-59.9	11/16/2010	13:17	-2.51E+01	1.68E+02	3.98E+02	5.83E-02	5.15E-01	1.33E+00	2.12E+00	5.34E+00	1.26E+01	-3.92E+00	5.67E+00	1.09E+01	-1.14E+01	8.32E+00	1.89E+01						
MW-60-72	Q1-2011	016	72.4	-59.9	2/10/2011	12:54	3.64E+02	3.76E+02	3.84E+02	2.41E-01	1.45E+00	1.70E+00	-5.10E-02	9.12E+00	1.01E+01	2.27E+00	8.84E+00	1.07E+01	2.12E+00	1.54E+01	1.75E+01						
MW-60-72	Q2-2011	017	72.4	-59.9	4/15/2011	13:12	2.19E+02	3.78E+02	4.13E+02	7.12E-01	1.72E+00	1.97E+00	-5.14E+00	6.54E+00	5.80E+00	-3.30E+00	1.14E+01	1.14E+01	-2.93E+00	1.39E+01	1.63E+01						
MW-60-135	Q3-2010	014	134.9	-122.4	8/17/2010	12:09	1.87E+02	1.39E+02	1.43E+02	-2.74E-01	5.38E-01	7.27E-01	-3.46E+00	8.41E+00	9.07E+00	-1.52E+00	6.30E+00	6.70E+00	8.77E-01	2.11E+01	2.45E+01	3.33E+02	ND	ND	ND	ND	MW-60-135
MW-60-135	Q4-2010	015	134.9	-122.4	11/16/2010	13:22	2.41E+02	1.82E+02	3.96E+02	-4.96E-02	7.62E-01	1.88E+00	9.16E-01	5.37E+00	1.20E+01	1.02E+00	4.53E+00	1.03E+01	8.67E-01	8.52E+00	1.90E+01						
MW-60-135	Q1-2011	016	134.9	-122.4	2/10/2011	13:04	3.98E+02	3.78E+02	3.83E+02	1.14E+00	1.82E+00	1.98E+00	1.72E+00	6.72E+00	7.79E+00	2.24E-01	7.44E+00	8.25E+00	-3.56E+00	1.52E+01	1.76E+01						
MW-60-135	Q2-2011	017	134.9	-122.4	4/15/2011	13:25	4.14E+02	4.02E+02	4.12E+02	6.52E-01	1.90E+00	2.16E+00	-6.83E+00	1.39E+01	1.63E+01	-2.48E+00	9.86E+00	1.01E+01	4.64E+00	1.47E+01	1.65E+01						
MW-60-154	Q3-2010	014	154.4	-141.9	8/17/2010	12:18	2.93E+02	1.50E+02	1.45E+02	-2.33E-01	5.00E-01	6.61E-01	-4.41E-01	6.04E+00	6.67E+00	1.95E+00	6.78E+00	8.02E+00	-1.16E+00	2.13E+01	2.48E+01	4.35E+02	ND	ND	ND	ND	MW-60-154
MW-60-154	Q4-2010	015	154.4	-141.9	11/16/2010	13:40	4.68E+02	1.94E+02	3.98E+02	3.29E-01	8.30E-01	1.94E+00	-5.28E+00	4.02E+00	7.52E+00	-2.29E-01	5.09E+00	1.11E+01	-4.54E+00	7.93E+00	1.78E+01						
MW-60-154	Q1-2011	016	154.4	-141.9	2/10/2011	12:53	5.44E+02	4.02E+02	3.87E+02	2.32E-02	8.50E-01	1.07E+00	-4.12E+00	9.26E+00	8.97E+00	9.91E-01	7.86E+00	9.12E+00	4.61E+00	1.52E+01	1.71E+01						
MW-60-154	Q2-2011	017	154.4	-141.9	4/15/2011	13:19	3.06E+02	3.96E+02	4.21E+02	-4.20E-01	1.53E+00	2.02E+00	-2.09E+00	7.62E+00	7.82E+00	-7.25E-01	6.50E+00	6.79E+00	1.62E+00	1.44E+01	1.64E+01						
MW-60-176	Q3-2010	014	175.9	-163.4	8/17/2010	12:51	8.13E+02	1.91E+02	1.44E+02	-6.59E-01	6.48E-01	9.01E-01	1.23E-01	6.43E+00	7.32E+00	1.35E+00	5.80E+00	6.97E+00	0.00E+00	2.13E+01	2.48E+01	9.16E+02	ND	ND	ND	ND	MW-60-176
MW-60-176	Q4-2010	015	175.9	-163.4	11/16/2010	14:06	8.33E+02	2.10E+02	3.97E+02	9.07E-01	9.42E-01	2.10E+00	-1.97E+00	4.38E+00	9.04E+00	2.85E+00	4.70E+00	1.12E+01	-6.40E+00	7.91E+00	1.78E+01						
MW-60-176	Q1-2011	016	175.9	-163.4	2/10/2011	10:31	1.12E+03	4.68E+02	3.85E+02	2.58E-01	1.49E+00	1.74E+00	4.88E+00	1.13E+01	6.69E+00	-1.75E+00	6.70E+00	6.74E+00	7.24E+00	1.62E+01	1.79E+01						
MW-60-176	Q2-2011	017	175.9	-163.4	4/15/2011	13:49	8.99E+02	4.66E+02	4.18E+02	-8.29E-01	1.41E+00	2.10E+00	-7.83E-02	9.90E+00	1.10E+01	-2.35E+00	1.02E+01	1.03E+01	-2.40E-01	1.40E+01	1.62E+01						
MW-62-18	Q3-2010	014	13.5	1.2	8/3/2010	13:00	1.14E+02	1.32E+02	1.44E+02	6.60E-01	6.55E-01	6.80E-01	3.08E+00	8.40E+00	1.03E+01	5.07E+00	1.02E+01	1.32E+01	NA	NA	NA	ND	1.26E+00	ND	ND	NA	MW-62-18
MW-62-18	Q4-2010	015	13.5	1.2	11/9/2010	11:57	7.48E+01	1.71E+02	3.86E+02	-1.05E-02	6.10E-01	1.54E+00	2.87E+00	4.59E+00	1.07E+01	-6.86E-01	4.79E+00	1.01E+01	NA	NA	NA						
MW-62-18	Q1-2011	016	13.5	1.2	2/24/2011	12:49	1.81E+02	3.60E+02	4.00E+02	-3.86E-01	1.71E+00	2.13E+00	2.12E-01	4.74E+00	5.18E+00	3.58E+00	5.46E+00	6.78E+00	NA	NA	NA						
MW-62-18	Q2-2011	017	13.5	1.2	4/13/2011	11:58	3.25E+02	4.56E+02	4.92E+02	7.82E-01	1.54E+00	1.71E+00	-4.38E+00	1.00E+01	1.09E+01	-4.07E-01	1.06E+01	1.16E+01	NA	NA	NA						
MW-62-18	Q2-2011 Mid	018	13.5	1.2	7/22/2011	11:35	2.00E+02	4.02E+02	4.45E+02	1.26E+00	1.24E+00	1.25E+00	4.94E+00	9.42E+00	1.14E+01	-1.79E+00	1.05E+01	1.08E+01	-3.83E+00	1.96E+01	2.20E+01						
MW-62-37	Q3-2010	014	34.5	-19.8	8/3/2010	12:52	1.91E+02	1.43E+02	1.47E+02	-1.52E-02	5.47E-01	6.85E-01	-9.69E-01	8.78E+00	9.70E+00	-5.33E+00	9.12E+00	7.92E+00	NA	NA	NA	1.91E+02	ND	ND	ND	NA	MW-62-37
MW-62-37	Q4-2010	015	34.5	-19.8	11/9/2010	11:56	6.09E+01	1.70E+02	3.85E+02	7.62E-01	6.69E-01	1.47E+00	-8.46E-02	4.49E+00	9.91E+00	3.83E+00	4.28E+00	1.07E+01	NA	NA	NA						
MW-62-37	Q1-2011	016	34.5	-19.8	2/24/2011	12:52	3.05E+02	3.76E+02	4.00E+02	5.14E-01	1.84E+00	2.13E+00	1.07E+00	6.06E+00	6.86E+00	-2.84E+00	6.38E+00	6.28E+00	NA	NA	NA						
MW-62-37	Q2-2011	017	34.5	-19.8	4/13/2011	12:10	1.56E+02	4.36E+02	4.91E+02	-1.97E-01	1.08E+00	1.37E+00	-4.48E+00	8.32E+00	7.76E+00	-1.68E+00	9.02E+00	9.05E+00	NA	NA	NA						
MW-62-37	Q2-2011 Mid	018	34.5	-19.8	7/22/2011	12:28	1.15E+02	3.90E+02	4.42E+02	1.03E+00	1.60E+00	1.73E+00	-3.64E+00	7.95E+00	8.03E+00	2.96E+00	1.10E+01	1.30E+01	-8.92E+00	1.85E+01	2.09E+01						
MW-62-53	Q3-2010	013	53.1	-40.3	8/3/2010	12:20	1.59E+02	1.40E+02	1.47E+02	3.13E-01	5.61E-01	6.32E-01	2.99E+00	1.11E+01	1.33E+01	2.39E+01	7.18E+00	8.24E+00	NA	NA	NA	1.59E+02	ND	ND	ND	NA	MW-62-53
MW-62-53	Q4-2010	014	53.1	-40.3	11/9/2010	12:49	2.05E+02	1.77E+02	3.88E+02	8.32E-02	6.79E-01	1.59E+00	-4.23E+00	4.83E+00	9.52E+00	-2.68E+00	5.26E+00	1.04E+01	NA	NA	NA						
MW-62-53	Q1-2011	015	53.1	-40.3	2/24/2011	12:57	3.08E+02	3.78E+02	4.03E+02	8.98E-01	1.94E+00	2.18E+00	-2.62E-01	4.72E+00	5.23E+00	-1.84E+00	5.58E+00	5.81E+00	NA	NA	NA						
MW-62-53	Q2-2011	016	53.1	-40.3	4/13/2011	11:32	1.57E+02	4.36E+02	4.92E+02	1.72E+00	1.79E+00	1.84E+00	5.42E-01	6.78E+00	7.51E+00	-3.00E-01	6.24E+00	6.58E+00	NA	NA	NA						
MW-62-53	Q2-2011 Mid	017	53.1	-40.3	7/22/2011	10:47	1.60E+02	3.96E+02	4.45E+02	-4.83E-01	1.07E+00	1.58E+00	4.34E+00	7.86E+00	9.52E+00	1.66E+00	8.85E+00	1.02E+01	-1.60E+01	1.79E+01	2.05E+01						
MW-62-71	Q3-2010	014	71.1	-58.3	8/3/2010	11:30	3.25E+02	1.70E+02	1.77E+02	2.44E-01	3.75E-01	4.12E-01	-2.03E+00	8.37E+00	8.99E+00	1.86E+00	9.87E+00	1.16E+01	NA	NA	NA	4.27E+02	ND	ND	ND	NA	MW-62-71
MW-62-71	Q4-2010	015	71.1	-58.3	11/9/2010	11:02	4.17E+02	1.83E+02	3.82E+02	-6.74E-02	6.02E-01	1.52E+00	-6.58E-01	3.90E+00	8.41E+00	-4.59E+00	5.63E+00	1.09E+01	NA	NA	NA						
MW-62-71	Q1-2011	016	71.1	-58.3	2/24/2011	12:40	5.38E+02	4.06E+02	4.03E+02	1.28E-01	1.22E+00	1.48E+00	4.10E+00	1.18E+01	6.67E+00	-2.36E-01	5.00E+00	5.47E+00	NA	NA	NA						
MW-62-71	Q2-2011	017	71.1	-58.3	4/13/2011	11:15	3.39E+02	4.72E+02	5.08E+02	9.04E-01	1.45E+00	1.58E+00	2.33E+00	7.96E+00	9.27E+00	-2.38E+00	8.50E+00	8.56E+00	NA	NA	NA						
MW-62-71	Q2-2011 Mid	018	71.1	-58.3	7/22/2011	10:12	4.21E+02	4.26E+02	4.44E+02	-3.90E-01	1.36E+00	1.90E+00	-7.29E-02	7.74E+00	8.31E+00	-7.90E-01	8.28E+00	8.59E+00	-6.70E+00	1.89E+01	2.13E+01						
MW-62-92	Q3-2010	014	91.6	-78.8	8/3/2010	11:32	3.18E+02	1.68E+02	1.76E+02	4.11E-01	5.37E-01	5.80E-01	-3.42E+00	8.13E+00	8.38E+00	-4.99E-01	7.59E+00	8.36E+00	NA	NA	NA	4.75E+02	ND	ND	ND	NA	MW-62-92
MW-62-92	Q4-2010	015	91.6	-78.8	11/9/2010	11:15	4.82E+02	1.88E+02	3.86E+02	-9.75E-01	7.72E-01	1.

TABLE 3
SECOND QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[2]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-63-34	Q3-2010	014	31.5	-17.3	8/10/2010	11:44	1.89E+02	1.64E+02	1.78E+02	2.21E-01	3.59E-01	3.95E-01	2.60E+00	9.29E+00	1.06E+01	3.10E+00	7.21E+00	9.27E+00	NA	NA	NA	2.76E+02	ND	ND	ND	NA	MW-63-34
MW-63-34	Q4-2010	015	31.5	-17.3	11/2/2010	13:04	3.41E+02	1.35E+02	1.14E+02	3.11E-01	5.72E-01	6.45E-01	1.16E-01	5.66E+00	6.29E+00	-2.31E+00	6.33E+00	6.51E+00	NA	NA	NA						
MW-63-34	Q1-2011	016	31.5	-17.3	3/2/2011	10:50	2.98E+02	2.86E+02	2.62E+02	-4.29E-01	1.57E+00	2.11E+00	7.43E-02	7.96E+00	8.82E+00	-2.10E+00	8.42E+00	8.59E+00	NA	NA	NA						
MW-63-34	Q2-2011	017	31.5	-17.3	4/19/2011	10:25	3.94E+02	4.60E+02	4.87E+02	-1.13E+00	1.22E+00	1.83E+00	4.36E+00	8.34E+00	9.94E+00	3.72E+00	8.28E+00	1.02E+01	NA	NA	NA						
MW-63-34	Q2-2011 Mid	018	31.5	-17.3	7/21/2011	10:08	3.04E+02	4.08E+02	4.39E+02	2.38E-01	1.17E+00	1.42E+00	-1.34E+00	9.03E+00	9.54E+00	1.66E-01	7.89E+00	8.63E+00	-1.26E+01	1.28E+01	1.47E+01						
MW-63-50	Q3-2010	014	49.5	-37.2	8/10/2010	14:32	2.72E+02	1.65E+02	1.75E+02	-2.47E-02	5.47E-01	6.90E-01	-1.32E+00	7.10E+00	7.82E+00	7.73E-01	7.74E+00	8.96E+00	NA	NA	NA	3.45E+02	ND	ND	ND	NA	MW-63-50
MW-63-50	Q4-2010	015	49.5	-37.2	11/2/2010	15:07	3.29E+02	1.31E+02	1.12E+02	2.27E-01	6.23E-01	7.23E-01	-2.98E-02	7.72E+00	8.42E+00	2.76E+00	8.00E+00	9.78E+00	NA	NA	NA						
MW-63-50	Q1-2011	016	49.5	-37.2	3/2/2011	14:21	4.35E+02	3.40E+02	3.44E+02	1.73E-01	1.62E+00	2.03E+00	1.13E+00	6.50E+00	7.48E+00	3.64E+00	7.02E+00	8.70E+00	NA	NA	NA						
MW-63-50	Q2-2011	017	49.5	-37.2	4/19/2011	11:25	1.68E+02	4.36E+02	4.89E+02	7.72E-01	1.39E+00	1.53E+00	-6.46E+00	9.76E+00	9.29E+00	3.72E+00	8.18E+00	1.03E+01	NA	NA	NA						
MW-63-50	Q2-2011 Mid	018	49.5	-37.2	7/21/2011	11:25	2.09E+02	3.99E+02	4.41E+02	-6.50E-01	8.58E-01	1.39E+00	2.46E-01	7.56E+00	8.55E+00	2.77E+00	8.64E+00	1.05E+01	-2.89E+00	1.51E+01	1.69E+01						
MW-63-93	Q3-2010	015	93	-80.7	8/10/2010	15:10	1.95E+02	1.61E+02	1.74E+02	-1.91E-01	4.38E-01	6.16E-01	1.24E+00	6.64E+00	7.70E+00	2.61E-01	7.58E+00	8.46E+00	NA	NA	NA	2.17E+02	ND	ND	ND	NA	MW-63-93
MW-63-93	Q4-2010	016	93	-80.7	11/2/2010	15:08	2.39E+02	1.21E+02	1.11E+02	3.29E-01	5.72E-01	6.42E-01	-4.18E-02	4.95E+00	5.64E+00	3.38E+00	5.80E+00	7.11E+00	NA	NA	NA						
MW-63-93	Q1-2011	017	93	-80.7	3/2/2011	14:14	2.69E+02	3.00E+02	2.94E+02	3.30E-01	1.79E+00	2.17E+00	-1.51E+00	8.78E+00	9.05E+00	3.38E+00	7.56E+00	9.56E+00	NA	NA	NA						
MW-63-93	Q2-2011	018	93	-80.7	4/19/2011	11:27	9.64E+01	4.42E+02	5.05E+02	-4.30E-02	1.14E+00	1.44E+00	3.31E+00	8.92E+00	1.03E+01	-4.35E-01	6.80E+00	7.25E+00	NA	NA	NA						
MW-63-93	Q2-2011 Mid	019	93	-80.7	7/21/2011	11:32	4.17E+02	4.20E+02	4.40E+02	-4.28E-01	1.06E+00	1.48E+00	-3.58E+00	8.10E+00	7.77E+00	-6.11E+00	7.92E+00	5.51E+00	6.50E-01	1.71E+01	1.90E+01						
MW-63-112	Q3-2010	014	111.5	-99.2	8/10/2010	14:52	3.71E+02	1.73E+02	1.78E+02	2.83E-01	4.37E-01	4.78E-01	-3.00E+00	7.68E+00	7.90E+00	-5.28E+00	9.73E+00	9.11E+00	NA	NA	NA	4.03E+02	ND	ND	ND	NA	MW-63-112
MW-63-112	Q4-2010	015	111.5	-99.2	11/2/2010	15:05	3.01E+02	1.29E+02	1.13E+02	6.02E-02	5.25E-01	6.51E-01	-2.54E+00	6.29E+00	6.56E+00	1.96E+00	6.72E+00	7.95E+00	NA	NA	NA						
MW-63-112	Q1-2011	016	111.5	-99.2	3/2/2011	14:15	3.38E+02	3.18E+02	2.96E+02	1.48E-01	1.60E+00	2.00E+00	-3.72E-01	6.70E+00	7.21E+00	1.19E+00	6.36E+00	7.21E+00	NA	NA	NA						
MW-63-112	Q2-2011	017	111.5	-99.2	4/19/2011	11:25	4.22E+02	4.68E+02	4.92E+02	-7.96E-01	1.00E+00	1.47E+00	4.96E+00	1.05E+01	1.25E+01	1.64E+00	1.17E+01	1.36E+01	NA	NA	NA						
MW-63-112	Q2-2011 Mid	018	111.5	-99.2	7/21/2011	11:46	6.01E+02	4.44E+02	4.44E+02	2.29E-01	1.13E+00	1.37E+00	-8.46E-01	1.06E+01	1.11E+01	6.03E+00	1.21E+01	1.54E+01	-1.22E+00	1.77E+01	1.98E+01						
MW-63-121	Q3-2010	014	121	-108.7	8/10/2010	11:28	5.39E+02	1.80E+02	1.77E+02	3.67E-01	5.93E-01	6.58E-01	-9.48E-01	8.12E+00	8.95E+00	-6.58E-01	8.76E+00	9.58E+00	NA	NA	NA	6.94E+02	ND	ND	ND	NA	MW-63-121
MW-63-121	Q4-2010	015	121	-108.7	11/2/2010	11:46	5.20E+02	1.49E+02	1.10E+02	6.38E-01	7.57E-01	8.11E-01	1.17E+00	6.66E+00	7.68E+00	-4.06E+00	7.17E+00	6.83E+00	NA	NA	NA						
MW-63-121	Q1-2011	016	121	-108.7	3/2/2011	11:10	5.03E+02	3.54E+02	2.94E+02	-6.82E-02	1.55E+00	2.03E+00	-6.26E-01	6.72E+00	7.20E+00	3.49E-01	6.00E+00	6.67E+00	NA	NA	NA						
MW-63-121	Q2-2011	017	121	-108.7	4/19/2011	9:54	5.77E+02	4.84E+02	4.91E+02	4.12E-01	1.18E+00	1.37E+00	-1.03E+00	6.92E+00	7.17E+00	-1.09E+01	9.86E+00	5.99E+00	NA	NA	NA						
MW-63-121	Q2-2011 Mid	018	121	-108.7	7/21/2011	9:58	1.33E+03	5.28E+02	4.45E+02	-3.05E-01	1.36E+00	1.74E+00	1.63E-03	7.44E+00	8.17E+00	-3.19E+00	1.05E+01	1.07E+01	1.12E+00	1.84E+01	2.05E+01						
MW-63-163	Q3-2010	014	162.5	-150.2	8/10/2010	11:21	4.13E+02	1.74E+02	1.78E+02	2.45E-01	4.43E-01	4.98E-01	-6.87E-01	8.55E+00	9.17E+00	-5.25E-01	8.23E+00	9.24E+00	NA	NA	NA	4.93E+02	ND	ND	ND	NA	MW-63-163
MW-63-163	Q4-2010	015	162.5	-150.2	11/2/2010	11:49	4.44E+02	1.41E+02	1.10E+02	7.71E-01	8.38E-01	8.77E-01	-3.99E+00	9.88E+00	1.10E+01	2.94E+00	6.12E+00	7.63E+00	NA	NA	NA						
MW-63-163	Q1-2011	016	162.5	-150.2	3/2/2011	10:27	6.05E+02	3.76E+02	2.95E+02	1.37E+00	1.99E+00	2.12E+00	3.09E+00	5.40E+00	6.62E+00	-2.05E+00	7.72E+00	7.12E+00	NA	NA	NA						
MW-63-163	Q2-2011	017	162.5	-150.2	4/19/2011	9:49	4.92E+02	4.84E+02	5.03E+02	1.11E+00	1.82E+00	2.00E+00	4.43E-01	8.94E+00	9.98E+00	4.78E+00	1.02E+01	1.26E+01	NA	NA	NA						
MW-63-163	Q2-2011 Mid	018	162.5	-150.2	7/21/2011	10:09	5.08E+02	4.26E+02	4.36E+02	-6.14E-01	1.01E+00	1.48E+00	-8.47E-01	7.47E+00	8.17E+00	4.07E-01	7.53E+00	8.66E+00	-8.69E+00	1.47E+01	1.67E+01						
MW-63-174	Q3-2010	014	174	-161.7	8/10/2010	11:40	3.33E+02	1.65E+02	1.71E+02	3.54E-01	5.43E-01	6.01E-01	-3.32E+00	7.07E+00	6.89E+00	-1.41E+00	7.84E+00	8.11E+00	NA	NA	NA	3.36E+02	ND	ND	ND	NA	MW-63-174
MW-63-174	Q4-2010	015	174	-161.7	11/2/2010	11:50	2.63E+02	1.26E+02	1.13E+02	-1.42E-01	4.59E-01	6.06E-01	-6.01E-01	6.03E+00	6.82E+00	2.17E-01	6.42E+00	7.11E+00	NA	NA	NA						
MW-63-174	Q1-2011	016	174	-161.7	3/2/2011	10:26	4.13E+02	3.30E+02	2.91E+02	8.20E-01	1.80E+00	2.03E+00	3.65E+00	6.96E+00	8.18E+00	2.34E+00	7.86E+00	9.20E+00	NA	NA	NA						
MW-63-174	Q2-2011	017	174	-161.7	4/19/2011	9:52	1.56E+02	4.48E+02	5.04E+02	-7.87E-01	9.72E-01	1.48E+00	-6.41E+00	8.32E+00	7.72E+00	-9.85E-01	8.58E+00	9.20E+00	NA	NA	NA						
MW-63-174	Q2-2011 Mid	018	174	-161.7	7/21/2011	9:57	4.14E+02	4.17E+02	4.36E+02	6.96E-01	1.85E+00	2.10E+00	-3.57E+00	8.10E+00	8.27E+00	4.67E-01	9.36E+00	1.09E+01	-2.55E+00	1.33E+01	1.49E+01						
MW-65-48	Q2-2011 Mid	002	43.3	26.356	7/7/2011	12:19	8.59E+01	2.43E+02	2.85E+02	5.73E-01	1.04E+00	1.15E+00	4.10E+00	9.03E+00	1.09E+01	-1.15E+00	1.12E+01	1.18E+01	-5.93E+00	2.39E+01	2.69E+01	ND	ND	ND	ND	ND	MW-65-48
MW-65-80	Q2-2011 Mid	003	71.4	-1.659	7/13/2011	10:12	8.54E+01	2.41E+02	2.84E+02	1.26E-01	9.24E-01	1.12E+00	-2.33E+00	9.12E+00	9.46E+00	2.88E+00	1.15E+01	1.34E+01	-1.27E+01	2.00E+01	2.29E+01	ND	ND	ND	ND	ND	MW-65-80
MW-66-21	Q3-2010	014	14.1	0	8/9/2010	12:30	1.07E+03	2.01E+02	1.29E+02	1.17E+00	5.52E-01	4.41E-01	-5.85E+00	9.45E+00	9.34E+00	-9.97E-01	8.07E+00	8.65E+00	3.11E+00	1.19E+01	1.37E+01	7.74E+02	1.17E+00	ND	ND	ND	MW-66-21
MW-66-21	Q4-2010	015	14.1	0	11/10/2010	15:13	3.22E+02	1.64E+02	3.46E+02	2.57E-01	7.74E-01	1.84E+00	6.04E+00	5.26E+00	1.28E+01	-1.91E-01	5.67E+00	1.26E+01	9.56E+00	8.45E+00	1.85E+01						
MW-66-21	Q1-2011	016	14.1	0	1/31/2011	16:26	4.77E+02	4.08E+02	4.24E+02	3.48E-01	1.73E+00	2.02E+00	-2.19E-01	5.00E+00	5.33E+00	9.80E-01	6.50E+00	7.23E+00	-1.06E+00	1.84E+01	2.14E+01						
MW-66-21	Q2-2011	017	14.1	0	4/14/2011	13:43	9.30E+01	3.88E+02	4.46E+02	6.73E-01	1.64E+00	1.85E+00	-4.70E+00	8.74E+00	8.45E+00	6.94E+00	9.82E+00	1.25E+01	1.81E+00	1.51E+01	1.72E+01						
MW-66-36	Q3-2010	013	33.6	-19.5	8/9/2010	11:47	3.08E+03	3.06E+02	1.24E+02	6.40E+00	1.07E+00	3.74E-01	-1.53E+00	8.82E+00	9.41E+00	4.62E+00	7.61E+00	1.02E+01	4.59E+00	1.58E+01	1.80E+01	3.19E+03	9.98E+00	ND	ND	ND	MW-66-36
MW-66-36	Q4-2010	014	33.6	-19.5	11/10/2010	12:13	3.13E+03	2.96E+02	3.96E+02	7.43E+00	1.03E+00	1.13E+00	5.42E+00	3.87E+00	9.67E+00	7.18E-01	4.34E+00	9.81E+00	-4.23E+00	9.63E+00	2.16E+01						
MW-66-36	Q1-2011	015	33.6	-19.5	1/31/2011	15:51	3.01E+03	6.78E+02	4.61E+02	1.55E+01	3.18E+00	2.11E+00	-1.13E+00	6.12E+00	6.49E+00	-8.31E-01	6.80E+00	7.15E+00	-4.89E+00	1.79E+01	2.12E+01						
MW-66-36	Q2-2011	016	33.6	-19.5	4/14/2011	12:53	3.52E+03	7.36E+02	4.79E+02	1.06E+01	2.88E+00	1.95E+00	1.50E-01	7.24E+00	8.14E+00	5.40E-01	7.92E+00	9.01E+00	6.10E-01	1.55E+01	1.79E+01						
MW-67-39	Q3-2010	014	38.3	-25.8	8/9/2010	10:43	3.37E+03	3.15E+02	1.22E+02	8.52E+00	1.21E+00	5.69E-01	-9.27E+00	1.08E+01	1.30E+01	-1.39E+00	8.28E+00	8.77E+00	-2.31E+00	1.43E+01	1.69E+01	3.63E+03	1.05E+01	ND	ND	ND	MW-67-39
MW-67-39	Q4-2010	015	38.3	-25.8	11/10/2010	11:49	3.56E+03	3.09E+02	3.95E+02	5.43E+00	8.85E-01	1.10E+00	1.04E+00	3.96E+00	8.88E+00	2.82E+00	4.30E+00	1.04E+01	-1.86E+00	9.87E+00	2.21E+01						
MW-67-39	Q1-2011	016	38.3	-25.8	2/7/2011	13:48	3.85E+03	7.60E+02	4.81E+02	1.57E+01	3.34E+00	1.83E+00	8.03E-02	6.18E+00	6.83E+00	6.64E-01	6.78E+00	7.57E+00	4.43E+00	1.97E+01	2.23E+01						
MW-67-39	Q2-2011	017	38.3	-25.8	4/14/2011	13:25	3.73E+03	7.14E+02	4.17E+02	1.25E+01	3.76E+00	2.10E+00	4.53E+00	8.78E+00	1.04E+01	3.71E+00	9.54E+00	1.14E+01	6.99E+00	1.47E+01	1.63E+01						
MW-67-105	Q3-2010	013	104.8	-92.3	8/9/2010	10:37	1.26E+03	2.10E+02	1.24E+02	2.61E+00	8.16E-01	6.26E-01	1.46E+00	6.24E+00	7.48E+00	1.75E+00	5.78E+00	7.28E+00	9.56E+00	1.69E+01	1.90E+01	1.12E+03	2.61E+00	ND	ND	ND	MW-67-105
MW-67-105	Q4-2010	014	104.8	-92.3	11/10/2010	11:42	1.14E+03	2.24E+02	3.95E+02	1.41E+00	8.12E-01	1.69E+00	-1.68E+00	3.59E+00	7.64E+00	-3.12E+00	4.14E+00	8.26E+00	1.24E+00	8.56E+00	1.90E+01						
MW-67-105	Q1-2011	015	104.8	-92.3	2/7/2011	13:57	9.94E+02	4.26E+02	3.86E+02	3.37E-01	1.64E+00	1.94E+00	2.40E+00	4.84E+00	5.67E+00	-1.22E+00	4.86E+00	4.81E+00	-4.59E+00	1.96E+01	2.31E+01						
MW-67-105	Q2-2011	016	104.8	-92.3	4/14/2011	13:43	1.10E+03	4.84E+02	4.12E+02	2.70E-01	1.72E+00	2.11E+00	-3.96E-01	9.66E+00	1.05E+01	-1.91E-01	7.24E+00	7.88E+00	5.71E+00	1.55E+01	1.73E+01						
MW-67-173	Q3-2010	014	172.3	-159.8	8/9/2010	11:07	6.72E+02	1.71E+02	1.27E+02	7.70E-02	4.44E-01	5.35E-01	-7.06E-01	1.34E+01	1.68E+01	6.44E-01	8.97E+00	1.04E+01	-1.44E+00	1.14E+01	1.34E+01	6.23E+02	ND	ND	ND	ND	MW-67-173
MW-67-173	Q4-2010	015	172.3	-159.8	11/10/2010	12:04	6.25E+02	2.01E+02	3.97E+02	-9.99E-01	6.33E-01	1.86E+00	4.02E-01	7.80E+00	1.12E+01	-1.17E+00	4.83E+00	1.03E+01	-1.65E+00	8.09E+00	1.81E+01						
MW-67-173	Q1-2011	016	172.3	-159.8	2/7/2011	14:13	4.47E+02	4.48E+02	4.65E+02	-2.38E-01	1.68E+00	2.12E+00	-4.75E-01	5.28E+00	5.83E+00	7.55E-01	6.38E+00	5.76E+00	-7.05E-01	1.88E+01	2.18E+01						
MW-67-173	Q2-2011	017	172.3	-159.8	4/14/2011	14:09	5.72E+02	4.20E+02	4.10E+02	-2.56E-01	1.69E+00	1.99E+00	5.04E+00	9.64E+00	1.17E+01	-9.27E+00	1.03E+01	6.85E+00	7.50E+00	1.23E+01	1.34E+01						
MW-67-219	Q3-2010	013	218.8	-206.3	8/9/2010	13:33	1.11E+03	2.01E+02	1.25E+02	9.94E-02	5.32E-01	6.41E-01	-7.99E-01	8.14E+00	9.12E+00	-6.19E+00	9.03E+00	8.33E+00	2.34E+00	1.21E+01	1.39E+01	9.93E+02	ND	ND	ND	ND	MW-67-219
MW-67-219	Q4-2010	014	218.8	-206.3	11/10/2010	13:40	1.15E+03	2.24E+02	3.96E+02	3.53E-01	7.28E-01	1.78E+00	-2.80E-01	3.60E+00	7.62E+00	2.49E-01	3.62E+00	7.89E+00	-4.41E+00	8.84E+00	1.98E+01						
MW-67-219	Q1-2011	015	218.8	-206.3	1/31/2011	14:48	6.41E+02	4.18E+02	4.20E+02	-1.08E+00	1.42E+00	1.97E+00	9.72E-01	5.80E+00	6.44E+00	2.44E+00	5.46E+00	6.55E+00	-4.58E+00	1.81E+01	2.14E+01						
MW-67-219	Q2-2011	016	218.8	-206.3	4/14/2011	10:49	1.07E+03	4.78E+02	4.12E+02	-7.57E-01	9.50E-01	1.53E+00	-2.70E+00	6.62E+00	6.47E+00	4.16E+00	9.78E+00	1.20E+01	2.95E+00	1.43E+01	1.62E+01						
MW-67-276	Q3-2010	013	275.3	-262.8	8/9/2010	13:36	9.33E+02	1.86E+02	1.22E+02	4.00E-01	4.66E-01	4.98E-01	2.56E+00	7.23E+00	8.80E+00	-2.39E+00	8.22E+00	8.27E+00	9.94E+00	1.28E+01	1.42E+01	9.70E+02	ND	ND	ND	ND	MW-67-276
MW-67-276	Q4-2010	014	275.3	-262.8	11/10/2010	14:16	1.01E+03	2.18E+02	3.96E+02	-7.85E-01	5.64E-01	1.77E+00	1.94E+00	4.26E+00	9.92E+00	-5.48E+00	4.42E+00	7.40E+00	5.46E+00	8.55E+00	1.89E+01						
MW-67-276	Q1-2011	015	275.3	-262.8	1/31/2011	14:31	8.75E+02	4.18E+02	3.87E+02	-2.57E-02	1.66E+00	2.03E+00	-2.56E+00	8.76E+00	8.16E+00	6.49E-01	6.48E+00	7.20E+00	-7.18E-01	1.92E+01	2.22E+01						
MW-67-276	Q2-2011	016	275.3	-262.8	4/14/2011	10:53	1.06E+03	4.84E+02	4.19E+02	3.46E-01	1.22E+00	1.45E+00	-5.30E+00	6.78E+00	6.12E+00	1.62E+00	1.02E+01	1.15E+01	5.62E-01	1.42E+01	1.63E+01						
MW-67-323	Q3-2010	013	322.3	-309.8	8/9/2010	13:23	4.32E+02	1.48E+02	1.23E+02	6.38E-01	6.31E-01	6.53E-01	1.47E+00	6.88E+00	8.02E+00	3.28E-01	6.72E+00	7.56E+00	-4.51E+00	1.37E+01	1.63E+01	4.29E+02	ND	ND	ND	ND	MW-67-323
MW-67-323	Q4-2010	014	322.3	-309.8	11/10/2010	14:03	3.88E+02	1.89E+02	3.94E+02	1.89E-01	8.21E-01	2.01E+00	2.70E+00	4.61E+00	1.06E+01	3.11E-01	5.07E+00	1.12E+01	-3.22E+00	7.93E+00	1.78E+01						
MW-67-323	Q1-2011	015	322.3	-309.8	1/31/2011	15:04	3.38E+02	3.70E+02	3.90E+02	2.58E-01	1.71E+00	2.03E+00	2.47E-01	5.70E+00	6.35E+00	8.12E-03	5.80E+00	6.35E+00	-5.93E+00	1.90E+01	2.25E+01						
MW-67-323	Q2-2011	016	322.3	-309.8	4/14/2011	11:33	4.26E+02	4.06E+02	4.13E+02	1.05E+00	1.52E+00	1.62E+00	2.02E+00	8.36E+00	9.62E+00	-1.12E+00	7.80E+00	8.21E+00	-2.21E-01	1.30E+01	1.50E+01						
MW-67-340	Q3-2010	013	339.8	-327.3	8/9/2010	13:20	4.86E+02	1.55E+02	1.25E+02	-3.81E-02	5.00E-01	6.29E-01	1.20E+00	7.44E+00	8.75E+00	-2.42E+00	6.98E+00	7.06E+00	2.60E+00	1.45E+01	1.67E+01	5.58E+02	ND	ND	ND	ND	MW-67-340
MW-67-340	Q4-2010	014	339.8	-327.3	11/10/2010	13:53	5.31E+02	1.97E+02	3.95E+02	-8.93E-01	5.00E-01	1.64E+00	1.72E+00	4.50E+00	1.03E+01	-2.97E+00	3.90E+00	7.25E+00	2.25E+00	8.84E+00	1.97E+01						
MW-67-340	Q1-2011	015	339.8	-327.3	1/31/2011	14:53	2.75E+02	3.58E+02	3.83E+02	-7.06E-01	1.51E+00	1.99E+00	4.30E-01	6.34E+00	7.02E+00	-1.15E+00	6.54E+00	6.88E+00	-5.79E+00	1.85E+01	2.20E+01						
MW-67-340	Q2-2011	016	339.8	-327.3	4/14/2011	11:17	6.56E+02	4.32E+02	4.13E+02	2.62E-01	1.16E+00	1.40E+00	5.89E+00	9.02E+00	1.12E+01	4.57E+00	9.02E+00	1.15E+01	7.58E+00	1.54E+01	1.71E+01						
MW-107	Q2-2011	010	32.7	110.1	5/2/2011	9:25	3.15E+02	3.76E+02	3.95E+02	8.29E-01	1.29E+00	1.40E+00	-3.56E+00	1.30E+01	1.65E+01	2.39E+00	6.84E+00	8.63E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-107
MW-108	Q2-2011 Mid	005	8.3	6.2	7/5/2011	15:08	1.24E+03	4.89E+02	2.90E+02	-9.21E-02	1.29E+00	1.55E+00	4.93E+00	9.84E+00	1.17E+01	-7.54E+00	8.49E+00	7.19E+00	-8.75E+00	2.32E+01	2.62E+01	1.24E+03	ND	ND	ND	ND	MW-108
MW-109	Q2-2011 Mid	005	8.5	6.1	7/5/2011	12:45	2.43E+03	6.36E+02	2.79E+02	2.60E-01	1.25E+00	1.45E+00	2.23E-01	8.67E+00	9.62E+00	-3.32E+00	7.74E+00	6.65E+00	3.57E+00	3.51E+01	3.92E+01	2.43E+03	ND	ND	ND	ND	MW-109
MW-111	Q3-2010	033	16.5	2.4	8/27/2010	15:21	3.86E+04	1.13E+03	1.28E+02	6.44E-01	8.07E-01	8.55E-01	-8.83E-01	6.30E+00	6.59E+00	1.88E+00	5.70E+00	6.84E+00	NA	NA	NA	4.38E+04	1.80E+00	ND	ND	NA	MW-111
MW-111	Q3-2010 Mid	034	16.5	2.4	9/10/2010	14:09	4.69E+04	1.37E+03	1.40E+02	1.80E+00	1.00E+00	8.02E-01	-5.04E+00	6.84E+00	6.88E+00	-5.62E-01	6.84E+00	7.62E+00	NA	NA	NA						
MW-111	Q4-2010	035	16.5	2.4	11/1/2010	14:55	4.59E+04	1.34E+03	1.27E+02	3.47E-01	5.90E-01	6.60E-01	-1.99E-01	5.63E+00	6.38E+00	5.49E+00	5.91E+00	7.75E+00	NA	NA	NA						
U3-3	Q2-2011 Mid	014			7/13/2011	12:28	6.73E+02	3.81E+02	2.81E+02	-3.49E-01	8.13E-01	1.19E+00	-4.64E-01	8.01E+00	8.64E+00	-3.52E+00	8.61E+00	8.20E+00	NA	NA	NA	6.73E+02	ND	ND	ND	NA	U3-3
U3-4D	Q3-2010	025	25.6	-10.8	7/23/2010	13:21	6.84E+02	1.86E+02	1.77E+02	-1.56E-01	4.60E-01	6.46E-01	2.21E+00	7.56E+00	8.91E+00	-1.01E+00	7.61E+00	8.14E+00	NA	NA	NA	6.91E+02	ND	ND	ND	NA	U3-4D
U3-4D	Q4-2010	026	25.6	-10.8	10/28/2010	14:04	7.12E+02	1.68E+02	1.13E+02	2.26E-01	4.89E-01	5.61E-01	2.

TABLE 3
SECOND QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
U1-NCD	Q3-2010	008			7/15/2010	9:10	1.35E+04	4.41E+02	1.58E+02	5.06E+01	3.21E+00	7.59E-01	1.14E+04	1.42E+03	1.40E+01	7.51E-01	5.21E+00	6.03E+00	2.90E+02	3.39E+01	2.40E+01	8.42E+03	4.47E+01	1.17E+04	ND	2.61E+02	U1-NCD
U1-NCD	Q4-2010	009			10/20/2010	13:40	3.34E+03	3.23E+02	1.27E+02	3.88E+01	2.31E+00	6.39E-01	1.20E+04	1.47E+03	9.98E+00	-1.14E+00	4.96E+00	5.42E+00	2.31E+02	3.19E+01	2.23E+01						
U1-SFDS	Q3-2010	009			7/7/2010	8:45	6.44E+02	1.80E+02	1.45E+02	1.88E+01	2.10E+00	6.82E-01	2.09E+01	1.26E+01	7.48E+00	1.64E+00	7.91E+00	9.44E+00	3.42E+00	2.24E+01	2.58E+01	5.63E+02	1.53E+01	1.44E+01	ND	ND	U1-SFDS
U1-SFDS	Q4-2010	010			10/20/2010	8:45	4.82E+02	1.56E+02	1.26E+02	1.17E+01	1.83E+00	8.74E-01	7.99E+00	7.54E+00	5.78E+00	-8.31E-01	5.24E+00	5.67E+00	9.71E-01	1.86E+01	2.18E+01						
I-2	Q3-2010	001			8/2/2010	14:39	6.21E+01	1.53E+02	1.73E+02	-2.56E-01	3.72E-01	5.25E-01	7.04E+00	7.80E+00	1.02E+01	9.34E-02	6.54E+00	7.19E+00	NA	NA	NA	ND	ND	ND	ND	NA	I-2
I-2	Q4-2010	002			11/17/2010	14:25	1.74E+02	1.71E+02	3.78E+02	2.25E-01	6.25E-01	1.50E+00	-4.50E-01	5.04E+00	1.10E+01	3.35E+00	5.94E+00	1.40E+01	NA	NA	NA						
MH-5 VCFD[7]	Q3-2010	010			8/5/2010	14:45	7.32E+02	1.89E+02	1.77E+02	5.37E-01	5.67E-01	5.84E-01	7.26E-01	7.72E+00	8.69E+00	-2.26E+00	6.93E+00	7.07E+00	NA	NA	NA	4.73E+03	ND	ND	ND	NA	MH-5 VCFD[7]
MH-5 VCFD	Q3-2010	011			8/30/2010	13:30	9.96E+03	5.48E+02	1.26E+02	1.25E-01	3.21E-01	3.81E-01	1.50E+00	5.58E+00	6.48E+00	8.08E-01	6.51E+00	7.50E+00	NA	NA	NA						
MH-5 VCFD	Q3-2010 Mid	012			9/10/2010	15:30	8.80E+02	1.89E+02	1.25E+02	3.60E-01	6.35E-01	7.11E-01	7.21E-01	6.45E+00	7.44E+00	1.23E+00	5.71E+00	6.85E+00	NA	NA	NA						
MH-5 VCFD	Q4-2010	013			11/24/2010	11:10	4.60E+02	1.86E+02	1.47E+02	1.36E-01	7.57E-01	8.85E-01	1.75E+00	3.45E+00	4.02E+00	5.48E-01	3.79E+00	4.28E+00	NA	NA	NA						
MH-5 VCFD	Q1-2011	014			2/28/2011	9:47	5.17E+03	6.58E+02	3.66E+02	1.90E+00	1.99E+00	1.94E+00	3.45E-01	5.64E+00	6.19E+00	-1.28E+00	6.18E+00	6.45E+00	NA	NA	NA						
MH-5 VCFD	Q2-2011	015			4/22/2011	13:37	1.25E+04	1.10E+03	4.46E+02	8.17E-01	1.85E+00	2.08E+00	-3.21E+00	8.36E+00	8.43E+00	-1.60E+00	9.06E+00	9.51E+00	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	018			7/7/2011	14:29	2.97E+03	7.02E+02	2.83E+02	-3.05E-01	8.04E-01	1.11E+00	9.24E-01	7.95E+00	8.84E+00	5.11E-01	8.49E+00	9.13E+00	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	019			7/12/2011	12:46	9.86E+03	1.23E+03	2.81E+02	9.15E-01	1.05E+00	1.06E+00	-1.17E+01	1.33E+01	1.52E+01	-1.19E+00	9.99E+00	1.06E+01	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	020			7/20/2011	10:48	2.89E+03	7.32E+02	3.35E+02	-4.57E-01	1.01E+00	1.47E+00	1.79E+00	6.30E+00	7.26E+00	-2.61E+00	8.34E+00	8.34E+00	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	021			7/26/2011	12:50	1.86E+03	6.03E+02	3.33E+02	-7.10E-01	9.45E-01	1.45E+00	2.81E+00	7.47E+00	8.99E+00	-8.33E-01	9.66E+00	1.03E+01	NA	NA	NA						
LAF-002	Q4-2010	014		-22.3	11/22/2010	14:41	1.02E+02	1.13E+02	1.21E+02	1.96E-01	4.62E-01	5.40E-01	-6.13E-01	6.13E+00	6.83E+00	-1.60E+00	5.88E+00	6.15E+00	3.65E+00	1.77E+01	2.05E+01	ND	ND	ND	ND	ND	LAF-002
LAF-002	Q2-2011	015		-22.3	5/2/2011	12:50	6.69E+01	3.04E+02	3.43E+02	1.16E+00	1.55E+00	1.66E+00	-5.80E-01	7.86E+00	8.57E+00	-6.46E-01	7.24E+00	7.65E+00	-3.48E-01	1.60E+01	1.83E+01						
B-1[7]	Q3-2010	009			8/17/2010	15:40	1.40E+04	6.48E+02	1.27E+02	1.25E-01	6.43E-01	7.91E-01	2.27E+01	1.06E+01	5.87E+00	2.96E+00	6.00E+00	7.45E+00	NA	NA	NA	7.07E+03	ND	2.09E+01	ND	NA	B-1[7]
B-1	Q4-2010	010			11/17/2010	11:10	2.37E+03	2.72E+02	3.86E+02	6.87E-01	7.68E-01	1.72E+00	1.89E+01	6.46E+00	7.93E+00	8.39E-01	4.32E+00	9.74E+00	NA	NA	NA						
B-1	Q1-2011	011			2/14/2011	15:44	3.82E+03	5.88E+02	3.65E+02	5.41E-02	1.70E+00	2.14E+00	2.15E+01	1.22E+01	6.75E+00	-1.81E+00	7.00E+00	7.25E+00	NA	NA	NA						
B-1	Q2-2011	012			4/25/2011	10:50	8.10E+03	9.22E+02	4.53E+02	-6.21E-03	1.74E+00	2.09E+00	2.05E+01	1.33E+01	1.03E+01	3.18E+00	9.06E+00	1.11E+01	NA	NA	NA						
B-6[7]	Q3-2010	009			8/5/2010	13:43	1.49E+02	1.62E+02	1.79E+02	1.12E-01	8.02E-01	9.78E-01	2.32E+00	6.57E+00	8.03E+00	-9.21E-02	8.23E+00	9.37E+00	NA	NA	NA	1.35E+03	ND	ND	ND	NA	B-6[7]
B-6	Q4-2010	010			11/8/2010	11:45	1.05E+02	1.33E+02	1.43E+02	1.43E-01	6.60E-01	7.68E-01	0.00E+00	5.04E+00	6.20E+00	-3.20E-01	4.70E+00	5.29E+00	NA	NA	NA						
B-6	Q1-2011	011			2/28/2011	11:27	8.39E+02	3.90E+02	3.65E+02	6.28E-01	1.78E+00	2.05E+00	4.45E+00	5.82E+00	7.02E+00	-1.35E+00	6.50E+00	6.88E+00	NA	NA	NA						
B-6	Q2-2011	012			4/25/2011	9:48	2.68E+03	6.18E+02	4.53E+02	-6.69E-01	1.58E+00	2.09E+00	-1.31E-01	8.56E+00	9.08E+00	4.73E+00	1.06E+01	1.35E+01	NA	NA	NA						
B-6	Q2-2011 Mid	013			7/8/2011	11:05	5.39E+02	3.54E+02	2.82E+02	1.32E+00	1.56E+00	1.63E+00	6.09E+00	1.58E+01	8.04E+00	-2.64E+00	8.97E+00	8.84E+00	NA	NA	NA						

Notes:
1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. All analytical results from the last 12 months from each location are provided. Monitoring locations are sampled quarterly, bi-annually, or annually, and as necessary during the year.
3. Sampling depths within sampling intervals (i.e. location of pump intake) have been located adjacent to a transmissive zone where possible.
4. Averages provided are analytical result averages of all valid samples (including mid-quarter and confirmatory samples) collected from each monitoring location from the third quarter of 2010 (Q3-2010) to the second quarter of 2011 (Q2-2011) including the post Q2-2011 samples. Monitoring locations are sampled quarterly, bi-annually, or annually and additional samples are collected when necessary. Therefore, some results provided are the average of more than 4 samples. For quarters in which samples were reanalyzed due to potential false positives, both results were used to calculate averages if subsequent results confirmed the validity of the original sample/analysis. For cases in which reanalysis discredited the validity of the original sample result, the replacement results were used to calculate the average. If analytical results resulted in resampling, and the resample result discredited the validity of the original sample result of a particular radionuclide, the original sample results were not used for any radionuclides and only the resample result was used. For cases in which an aliquot of the original sample was reanalyzed, if the result of the aliquot confirmed the original result, then the aliquot result and the original result were averaged and the average of the two was used to calculate the rolling average. If the aliquot result indicated the original result was false, then only the aliquot result was used to calculate the rolling average.
5. NA indicates that the constituent was not analyzed.
6. ND indicates that all of the analytical results used to calculate the average were less than MDC and/or 3 times the 1 sigma uncertainty.
7. These locations are storm drains or foundation drains.
8. Mid-quarter samples were collected and analyzed to evaluate the potential effect of certain operations on groundwater quality.
9. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.

* The Q1 2011 MW-40-100, MW-40-127 and MW-51-189 Cs-137 results were verified by re-analysis. However, based on the available chemistry and Site hydrogeologic data, these values do not appear to be representative of the groundwater conditions at these sampling intervals.

** The Q2 2011 MW-40-46 preliminary Sr-90 result was 2.83 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.

See Page 6 for Notes

TABLE 3
THIRD QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-30-69	Q4-2010	036	69.3	6.4	11/5/2010	11:56	1.25E+05	1.88E+03	4.34E+02	9.69E-01	8.79E-01	1.94E+00	-3.68E+00	3.94E+00	7.79E+00	-5.01E+00	5.09E+00	9.47E+00	NA	NA	NA	1.13E+05	2.40E+00	ND	ND	NA	MW-30-69
MW-30-69	Q1-2011	037	69.3	6.4	2/9/2011	12:17	1.01E+05	2.18E+03	2.98E+02	1.62E+00	1.93E+00	2.00E+00	1.87E+00	5.80E+00	6.74E+00	-1.13E-01	5.88E+00	6.44E+00	NA	NA	NA						
MW-30-69	Q1-2011 Mid	038	69.3	6.4	3/31/2011	11:38	1.08E+05	3.40E+03	4.72E+02	-6.11E-01	1.63E+00	2.15E+00	2.48E+00	7.96E+00	9.14E+00	-1.41E+00	6.70E+00	6.46E+00	NA	NA	NA						
MW-30-69	Q2-2011	039	69.3	6.4	5/5/2011	12:08	1.13E+05	3.48E+03	3.99E+02	2.40E+00	1.37E+00	1.23E+00	2.46E+00	8.92E+00	1.03E+01	2.21E+00	9.58E+00	1.16E+01	NA	NA	NA						
MW-30-69	Q2-2011 Mid	040	69.3	6.4	7/11/2011	12:05	1.19E+05	4.23E+03	2.83E+02	-6.14E-02	7.62E-01	1.00E+00	3.56E+00	1.07E+01	1.24E+01	2.40E+00	1.19E+01	1.40E+01	NA	NA	NA						
MW-30-69	Q3-2011	041	69.3	6.4	8/9/2011	10:49	1.14E+05	3.45E+03	4.22E+02	1.02E+00	1.76E+00	1.92E+00	-7.63E-01	1.03E+01	1.15E+01	-2.42E+00	8.58E+00	8.50E+00	NA	NA	NA						
MW-30-84	Q4-2010	027	83.8	-8.1	11/5/2010	12:35	1.02E+04	4.80E+02	3.87E+02	5.25E-01	7.56E-01	1.70E+00	-3.07E+00	4.23E+00	8.38E+00	-5.22E+00	4.86E+00	8.20E+00	NA	NA	NA	8.44E+03	ND	ND	ND	NA	MW-30-84
MW-30-84	Q1-2011	028	83.8	-8.1	2/9/2011	12:57	9.20E+03	8.86E+02	3.79E+02	1.12E+00	1.82E+00	1.98E+00	5.89E-01	4.74E+00	5.22E+00	1.09E+00	5.76E+00	6.49E+00	NA	NA	NA						
MW-30-84	Q1-2011 Mid	029	83.8	-8.1	3/31/2011	12:03	9.04E+03	1.06E+03	4.74E+02	-4.78E-01	1.66E+00	2.13E+00	5.00E-01	1.12E+01	1.21E+01	-3.04E+00	9.48E+00	9.12E+00	NA	NA	NA						
MW-30-84	Q2-2011	030	83.8	-8.1	5/5/2011	12:58	7.57E+03	9.46E+02	3.92E+02	1.64E-01	1.15E+00	1.40E+00	3.00E+00	8.04E+00	9.35E+00	4.65E-02	7.14E+00	7.76E+00	NA	NA	NA						
MW-30-84	Q2-2011 Mid	031	83.8	-8.1	7/11/2011	12:45	7.55E+03	1.08E+03	2.82E+02	-3.75E-01	9.75E-01	1.29E+00	2.17E-01	7.89E+00	8.89E+00	1.39E+01	1.16E+01	1.59E+01	NA	NA	NA						
MW-30-84	Q3-2011	032	83.8	-8.1	8/9/2011	11:16	7.06E+03	7.05E+02	3.54E+02	-1.22E+00	1.28E+00	1.92E+00	-1.67E+00	7.08E+00	7.43E+00	-3.28E+00	9.63E+00	9.46E+00	NA	NA	NA						
MW-31-49	Q4-2010	028	48.8	26.8	11/3/2010	11:55	3.35E+04	9.81E+02	1.15E+02	-3.04E-02	4.26E-01	5.51E-01	-2.82E+00	8.51E+00	8.97E+00	2.22E+00	8.87E+00	1.06E+01	NA	NA	NA	8.99E+03	ND	ND	ND	NA	MW-31-49
MW-31-49	Q1-2011	029	48.8	26.8	2/9/2011	13:12	1.06E+03	3.40E+02	2.98E+02	-5.51E-01	1.76E+00	2.14E+00	1.39E+00	5.22E+00	6.02E+00	4.84E-01	5.26E+00	5.91E+00	NA	NA	NA						
MW-31-49	Q1-2011 Mid	030	48.8	26.8	3/30/2011	12:33	4.31E+03	7.84E+02	4.65E+02	1.77E+00	2.04E+00	2.16E+00	-2.34E+00	7.80E+00	8.17E+00	-5.38E-01	9.18E+00	1.00E+01	NA	NA	NA						
MW-31-49	Q2-2011	031	48.8	26.8	4/18/2011	12:53	1.08E+03	5.20E+02	4.66E+02	4.98E-01	1.81E+00	2.09E+00	-1.82E+00	8.82E+00	9.22E+00	6.17E+00	8.70E+00	1.13E+01	NA	NA	NA						
MW-31-49	Q3-2011	033	48.8	26.8	8/5/2011	10:47	4.98E+03	7.80E+02	4.16E+02	-2.63E-02	1.34E+00	1.58E+00	6.39E+00	8.76E+00	1.10E+01	5.20E-01	1.06E+01	1.16E+01	NA	NA	NA						
MW-31-63	Q4-2010	028	63.3	12.3	11/3/2010	12:32	2.95E+04	9.02E+02	1.14E+02	3.31E-01	6.30E-01	7.13E-01	-2.24E+00	9.63E+00	1.02E+01	3.44E+00	8.40E+00	1.07E+01	NA	NA	NA	2.04E+04	ND	ND	ND	NA	MW-31-63
MW-31-63	Q1-2011	029	63.3	12.3	2/9/2011	13:14	2.46E+04	1.10E+03	2.98E+02	4.29E-01	1.78E+00	2.08E+00	-1.42E+00	6.46E+00	6.81E+00	-2.31E+00	6.42E+00	6.26E+00	NA	NA	NA						
MW-31-63	Q1-2011 Mid	030	63.3	12.3	3/30/2011	13:13	1.33E+04	1.14E+03	4.53E+02	1.49E+00	1.87E+00	2.02E+00	8.76E-01	9.00E+00	9.97E+00	-1.92E-01	7.26E+00	7.92E+00	NA	NA	NA						
MW-31-63	Q2-2011	031	63.3	12.3	4/18/2011	13:21	1.81E+04	1.45E+03	4.67E+02	7.26E-01	1.84E+00	2.08E+00	-3.10E-01	7.62E+00	8.46E+00	1.76E+00	8.74E+00	1.03E+01	NA	NA	NA						
MW-31-63	Q3-2011	033	63.3	12.3	8/5/2011	11:29	1.63E+04	1.31E+03	4.18E+02	-1.30E-01	1.71E+00	2.02E+00	-2.83E-01	9.87E+00	1.12E+01	2.13E+00	9.24E+00	1.08E+01	NA	NA	NA						
MW-31-85	Q4-2010	028	84.8	-9.2	11/3/2010	12:00	6.06E+03	4.16E+02	1.14E+02	2.41E-01	4.83E-01	5.47E-01	-1.36E+00	8.88E+00	9.62E+00	-2.66E-01	1.08E+01	1.19E+01	NA	NA	NA	3.91E+03	ND	ND	ND	NA	MW-31-85
MW-31-85	Q1-2011	029	84.8	-9.2	2/9/2011	13:03	4.83E+03	6.84E+02	3.82E+02	3.26E-01	1.79E+00	2.18E+00	3.19E+00	5.96E+00	7.08E+00	3.14E+00	6.06E+00	7.39E+00	NA	NA	NA						
MW-31-85	Q1-2011 Mid	030	84.8	-9.2	3/30/2011	12:55	7.75E+02	4.66E+02	4.52E+02	9.37E-01	1.81E+00	2.00E+00	5.90E+00	1.31E+01	8.10E+00	6.43E+00	8.88E+00	1.17E+01	NA	NA	NA						
MW-31-85	Q2-2011	031	84.8	-9.2	4/18/2011	13:18	3.08E+03	6.96E+02	4.66E+02	-1.09E+00	1.46E+00	2.09E+00	-4.50E+00	9.34E+00	9.19E+00	3.84E+00	1.01E+01	1.22E+01	NA	NA	NA						
MW-31-85	Q3-2011	033	84.8	-9.2	8/5/2011	11:27	4.82E+03	7.74E+02	4.22E+02	1.39E-01	1.40E+00	1.63E+00	-8.79E-01	8.25E+00	8.80E+00	-4.79E+00	9.57E+00	8.27E+00	NA	NA	NA						
MW-32-59	Q4-2010	022	58.8	18.3	11/3/2010	12:08	1.58E+04	6.66E+02	1.16E+02	2.02E-01	6.15E-01	7.14E-01	6.67E+00	7.98E+00	1.03E+01	1.19E+00	9.11E+00	1.06E+01	NA	NA	NA	1.56E+04	ND	ND	ND	NA	MW-32-59
MW-32-59	Q1-2011	023	58.8	18.3	3/1/2011	11:28	4.39E+03	6.42E+02	3.59E+02	1.25E+00	1.49E+00	1.55E+00	6.56E-01	5.82E+00	6.63E+00	-4.41E-01	7.00E+00	7.58E+00	NA	NA	NA						
MW-32-59	Q1-2011 Mid	024	58.8	18.3	3/31/2011	12:46	3.37E+04	1.96E+03	5.07E+02	-2.13E-01	1.15E+00	1.51E+00	8.24E-01	8.92E+00	9.96E+00	1.99E-02	1.02E+01	1.11E+01	NA	NA	NA						
MW-32-59	Q2-2011	025	58.8	18.3	4/27/2011	12:26	3.31E+03	6.36E+02	4.08E+02	4.03E-01	1.50E+00	1.74E+00	4.77E+00	8.64E+00	1.04E+01	-3.37E+00	9.58E+00	9.50E+00	NA	NA	NA						
MW-32-59	Q3-2011	027	58.8	18.3	8/5/2011	12:30	2.06E+04	1.47E+03	4.19E+02	1.64E+00	1.66E+00	1.71E+00	-3.73E+00	8.34E+00	8.04E+00	-1.05E+00	8.79E+00	9.24E+00	NA	NA	NA						
MW-32-85	Q4-2010	025	85.3	85.3	11/3/2010	12:45	1.49E+04	6.48E+02	1.16E+02	3.80E-01	4.90E-01	5.36E-01	5.89E+00	9.60E+00	1.18E+01	-5.55E+00	8.71E+00	7.61E+00	NA	NA	NA	1.29E+04	ND	ND	ND	NA	MW-32-85
MW-32-85	Q1-2011	026	85.3	85.3	3/1/2011	12:05	1.34E+04	1.41E+03	2.62E+02	3.81E-01	1.41E+00	1.63E+00	7.79E-01	8.26E+00	9.36E+00	4.73E+00	9.72E+00	1.24E+01	NA	NA	NA						
MW-32-85	Q1-2011 Mid	027	85.3	85.3	3/31/2011	13:18	1.32E+04	1.27E+03	5.07E+02	-1.62E-01	1.20E+00	1.56E+00	-6.56E-01	7.26E+00	7.61E+00	3.80E+00	8.28E+00	1.02E+01	NA	NA	NA						
MW-32-85	Q2-2011	028	85.3	85.3	4/27/2011	13:04	1.14E+04	1.19E+03	5.10E+02	1.58E+00	1.69E+00	1.75E+00	-1.23E+00	6.80E+00	7.31E+00	5.30E-01	1.02E+01	1.15E+01	NA	NA	NA						
MW-32-85	Q3-2011	030	85.3	85.3	8/5/2011	13:36	1.14E+04	1.12E+03	4.20E+02	1.14E-01	1.64E+00	1.92E+00	5.40E+00	6.87E+00	8.79E+00	-1.21E+00	6.69E+00	6.57E+00	NA	NA	NA						
MW-32-149	Q4-2010	022	149.3	-72.2	11/3/2010	16:09	1.55E+03	2.24E+02	1.12E+02	4.08E-01	5.02E-01	5.49E-01	-1.00E+01	1.08E+01	1.15E+01	3.36E+00	7.71E+00	9.94E+00	NA	NA	NA	1.07E+03	ND	ND	ND	NA	MW-32-149
MW-32-149	Q1-2011	023	149.3	-72.2	3/1/2011	13:37	1.06E+03	4.48E+02	2.68E+02	-7.01E-01	1.66E+00	2.15E+00	9.25E-01	5.42E+00	6.30E+00	2.06E+00	6.60E+00	7.93E+00	NA	NA	NA						
MW-32-149	Q1-2011 Mid	024	149.3	-72.2	3/31/2011	11:33	8.99E+02	5.34E+02	5.09E+02	-2.01E-01	1.10E+00	1.49E+00	2.52E+00	9.30E+00	1.09E+01	2.31E+00	9.92E+00	1.18E+01	NA	NA	NA						
MW-32-149	Q2-2011	025	149.3	-72.2	4/27/2011	11:12	8.69E+02	4.44E+02	4.11E+02	3.00E-01	1.43E+00	1.67E+00	2.12E+00	7.44E+00	8.59E+00	9.88E-01	7.76E+00	8.83E+00	NA	NA	NA						
MW-32-149	Q3-2011	027	149.3	-72.2	8/5/2011	11:10	9.86E+02	4.71E+02	4.21E+02	4.80E-01	1.81E+00	2.06E+00	-9.94E-01	9.60E+00	9.39E+00	2.75E+00	7.41E+00	9.28E+00	NA	NA	NA						
MW-32-173	Q4-2010	020	172.8	-95.7	11/3/2010	15:53	1.40E+03	2.16E+02	1.14E+02	1.65E-02	4.38E-01	5.24E-01	3.87E+00	1.76E+01	9.62E+00	-2.94E+00	9.88E+00	1.01E+01	NA	NA	NA	8.59E+02	ND	ND	ND	NA	MW-32-173
MW-32-173	Q1-2011	021	172.8	-95.7	3/1/2011	13:13	9.02E+02	4.12E+02	2.61E+02	-4.04E-01	1.12E+00	1.45E+00	5.99E+00	6.06E+00	7.73E+00	-2.04E+00	7.36E+00	7.55E+00	NA	NA	NA						
MW-32-173	Q1-2011 Mid	022	172.8	-95.7	3/31/2011	11:35	8.41E+02	5.22E+02	5.04E+02	2.46E-01	1.27E+00	1.54E+00	6.51E+00	1.58E+01	8.26E+00	2.19E+00	8.22E+00	9.98E+00	NA	NA	NA						
MW-32-173	Q2-2011	023	172.8	-95.7	4/27/2011	11:27	5.82E+02	4.98E+02	5.08E+02	6.37E-01	1.54E+00	1.74E+00	0.00E+00	2.00E+01	9.23E+00	2.47E-01	9.58E+00	1.07E+01	NA	NA	NA						
MW-32-173	Q3-2011	025	172.8	-95.7	8/5/2011	11:11	5.69E+02	4.17E+02	4.12E+02	6.34E-01	1.48E+00	1.66E+00	-9.50E-01	6.36E+00	6.56E+00	-1.55E+00	1.10E+01	1.14E+01	NA	NA	NA						
MW-32-190	Q4-2010	024	190.3	-113.7	11/3/2010	16:07	1.53E+03	2.28E+02	1.17E+02	-9.74E-02	4.35E-01	5.82E-01	2.12E+00	9.02E+00	1.07E+01	-2.40E+00	9.21E+00	9.36E+00	NA	NA	NA	1.45E+03	ND	ND	ND	NA	MW-32-190
MW-32-190	Q1-2011	025	190.3	-113.7	3/1/2011	13:24	1.64E+03	5.32E+02	2.64E+02	7.65E-01	1.20E+00	1.29E+00	2.74E+00	5.52E+00	6.57E+00	4.88E+00	7.64E+00	8.75E+00	NA	NA	NA						
MW-32-190	Q1-2011 Mid	026	190.3	-113.7	3/31/2011	11:47	1.41E+03	5.76E+02	5.02E+02	-2.79E-01	1.15E+00	1.67E+00	8.78E-01	7.96E+00	9.01E+00	5.11E+00	1.04E+01	1.30E+01	NA	NA	NA						
MW-32-190	Q2-2011	027	190.3	-113.7	4/27/2011	11:17	1.21E+03	5.64E+02	5.10E+02	7.54E-01	1.13E+00	1.20E+00	8.61E-01	8.68E+00	9.74E+00	-6.60E+00	8.98E+00	6.37E+00	NA	NA	NA						
MW-32-190	Q3-2011	029	190.3	-113.7	8/5/2011	11:15	1.44E+03	5.16E+02	4.20E+02	7.59E-01	1.64E+00	1.82E+00	2.02E+00	7.23E+00	8.43E+00	1.28E+00	9.24E+00	1.06E+01	NA	NA	NA						
MW-36-24	Q4-2010	020	16.1	-4.3	11/4/2010	16:15	2.62E+03	2.82E+02	1.13E+02	3.79E-01	5.81E-01	6.42E-01	3.42E+00	9.88E+00	1.17E+01	-1.80E+00	1.16E+01	1.26E+01	NA	NA	NA	2.27E+03	ND	ND	ND	NA	MW-36-24
MW-36-24	Q1-2011	021	16.1	-4.3	2/28/2011	12:37	2.56E+02	3.54E+02	3.81E+02	-8.87E-02	1.67E+00	2.08E+00	4.53E-01	5.26E+00	5.75E+00	-3.09E-01	4.74E+00	5.03E+00	NA	NA	NA						
MW-36-24	Q2-2011	022	16.1	-4.3	4/28/2011	14:34	3.07E+03	7.26E+02	5.19E+02	1.38E+00	1.53E+00	1.59E+00	-6.43E-01	7.68E+00	8.47E+00	2.82E+00	7.48E+00	9.35E+00	NA	NA	NA						
MW-36-24	Q3-2011	023	16.1	-4.3	8/16/2011	13:34	1.12E+03	5.01E+02	4.51E+02	2.34E-01	9.96E-01	1.18E+00	-2.80E+00	7.71E+00	7.54E+00	7.10E-01	7.89E+00	8.75E+00	NA	NA	NA						
MW-36-41	Q4-2010	014	37	-25.2	11/4/2010	16:55	1.22E+04	5.75E+02	1.10E+02	3.54E+00	9.13E-01	6.12E-01	7.62E-01	8.76E+00	1.01E+01	3.09E+00	8.58E+00	1.06E+01	NA	NA	NA	8.75E+03	3.18E+00	ND	ND	NA	MW-36-41
MW-36-41	Q1-2011	015	37	-25.2	2/28/2011	13:53	8.74E+03	6.88E+02	2.97E+02	4.11E+00	1.87E+00	1.57E+00	1.31E+00	5.26E+00	6.09E+00	1.58E+00	5.68E+00	6.65E+00	NA	NA	NA						
MW-36-41	Q2-2011	016	37	-25.2	4/28/2011	15:39	8.17E+03	1.04E+03	5.14E+02	3.31E+00	1.75E+00	1.36E+00	2.18E+00	9.26E+00	1.07E+01	-2.96E-01	1.04E+01	1.12E+01	NA	NA	NA						
MW-36-41	Q3-2011	017	37	-25.2	8/16/2011	14:18	5.90E+03	8.37E+02	4.55E+02	1.74E+00	1.26E+00	1.13E+00	1.75E+00	8.91E+00	9.88E+00	4.43E+00	9.15E+00	1.15E+01	NA	NA	NA						
MW-36-52	Q4-2010	019	49.7	-37.9	11/4/2010	15:55	7.08E+03	4.40E+02	1.10E+02	4.73E+00	1.11E+00	6.76E-01	1.15E-01	5.89E+00	6.52E+00	-2.28E+00	7.92E+00	7.79E+00	NA	NA	NA	5.19E+03	3.69E+00	ND	ND	NA	MW-36-52
MW-36-52	Q1-2011	020	49.7	-37.9	2/28/2011	12:43	3.14E+03	4.92E+02	3.37E+02	1.33E+00	2.00E+00	2.14E+00	-6.00E+00	5.58E+00	4.80E+00	-2.66E+00	5.94E+00	5.65E+00	NA	NA	NA						
MW-36-52	Q2-2011	021	49.7	-37.9	4/28/2011	14:38	5.84E+03	9.06E+02	5.15E+02	3.41E+00	1.56E+00	1.11E+00	4.29E+00	8.42E+00	1.03E+01	-2.61E+00	8.50E+00	8.36E+00	NA	NA	NA						
MW-36-52	Q3-2011	022	49.7	-37.9	8/16/2011	14:52	4.69E+03	7.59E+02	4.48E+02	2.93E+00	1.57E+00	1.36E+00	3.59E+00	8.22E+00	9.80E+00	-1.83E+00	9.33E+00	9.74E+00	NA	NA	NA						
MW-37-22	Q4-2010	020	17	-2	11/4/2010	14:28	4.46E+03	3.57E+02	1.12E+02	1.38E+01	1.33E+00	5.33E-01	-2.26E+00	7.33E+00	7.68E+00	-1.24E+00	9.31E+00	1.00E+01	NA	NA	NA	5.65E+03	1.01E+01	ND	ND	NA	MW-37-22
MW-37-22	Q1-2011	021	17	-2	1/27/2011	15:19	6.74E+03	6.18E+02	2.98E+02	1.04E+01	2.52E+00	1.68E+00	-2.18E+00	4.74E+00	4.94E+00	2.59E+00	5.38E+00	6.55E+00	NA	NA	NA						
MW-37-22	Q2-2011	022	17	-2	4/28/2011	12:05	6.87E+03	9.66E+02	5.14E+02	8.72E+00	2.90E+00	2.05E+00	7.12E-01	6.96E+00	7.67E+00	5.14E-01	7.86E+00	8.62E+00	NA	NA	NA						
MW-37-22	Q3-2011	023	17	-2	8/16/2011	10:35	4.52E+03	7.56E+02	4.53E+02	7.59E+00	2.07E+00	1.32E+00	3.10E+00	7.26E+00	8.77E+00	-9.99E-01	7.35E+00	7.48E+00	NA	NA	NA						
MW-37-32	Q4-2010	020	29	-14	11/4/2010	13:14	5.99E+03	4.22E+02	1.17E+02	-2.91E-01	6.15E-01	7.91E-01	-4.11E+00	7.41E+00	7.07E+00	1.54E+00	7.68E+00	9.04E+00	NA	NA	NA	4.98E+03	1.93E+01	ND	ND	NA	MW-37-32
MW-37-32	Q1-2011	021	29	-14	1/27/2011	15:09	4.57E+03	5.28E+02	2.98E+02	1.49E+01	3.02E+00	1.74E+00	4.20E-01	6.12E+00	6.85E+00	1.72E+00	6.60E+00	7.76E+00	NA	NA	NA						
MW-37-32	Q2-2011	022	29	-14	4/28/2011	12:21	4.11E+03	7.98E+02	5.15E+02	2.62E+01	3.76E+00	1.68E+00	3.56E+00	1.20E+01	1.42E+01	-1.92E+00	1.09E+01	1.09E+01	NA	NA	NA						
MW-37-32	Q3-2011	023	29	-14	8/16/2011	11:00	5.23E+03	7.95E+02	4.52E+02	1.68E+01	2.87E+00	1.13E+00	-2.53E+00	8.34E+00	7.53E+00	-6.09E+00	9.06E+00	8.10E+00	NA	NA	NA						
MW-37-40	Q4-2010	020	39.2	-24.2	11/4/2010	12:06	6.41E+03	4.29E+02	1.15E+02	1.28E+01	1.92E+00	6.32E-01	2.77E+00	8.58E+00	1.03E+01	-2.01E+00	8.29E+00	8.39E+00	NA	NA	NA	5.33E+03	1.87E+01	ND	ND	NA	MW-37-40
MW-37-40	Q1-2011	021	39.2	-24.2	1/27/2011	13:35	5.97E+03	7.42E+02	3.82E+02	1.93E+01	3.34E+00	1.85E+00	1.95E+00	5.84E+00	6.78E+00	2.03E+00	6.84E+00	7.92E+00	NA	NA	NA						
MW-37-40	Q2-2011	022	39.2	-24.2	4/28/2011	11:31	3.92E+03	8.02E+02	5.33E+02	2.30E+01	3.66E+00	1.68E+00	4.10E+00	9.02E+00	1.09E+01	6.47E-01	8.94E+00	1.02E+01	NA	NA	NA						
MW-37-40	Q3-2011	023	39.2	-24.2	8/16/2011	11:24	5.03E+03	7.86E+02	4.53E+02	1.95E+01	3.18E+00	1.17E+00	-2.08E+00	8.25E+00	8.54E+00	1.79E+00	7.35E+00	8.59E+00	NA	NA	NA						
MW-37-57	Q4-2010	020	53.2	-38.2	11/4/2010	13:49	6.72E+03	4.41E+02	1.15E+02	1.97E+01	2.15E+00	5.70E-01	6.72E+00	1.52E+01	9.04E+00	-3.60E+00	7.95E+00	7.35E+00	NA	NA	NA	5.82E+03	1.93E+01	ND	ND	NA	MW-37-57
MW-37-57	Q1-2011	021	53.2	-38.2	1/27/2011	15:26	5.63E+03	5.76E+02	2.99E+02	2.02E+01	3.60E+00	1.96E+00	-3.70E-01	6.34E+00	6.92E+00	-1.36E+00	5.64E+00	5.68E+00	NA	NA	NA						
MW-37-57	Q2-2011	022	53.2	-38.2	4/28/2011	12:17	5.81E+03	8.98E+02	5.07E+02	1.58E+01	3.54E+00	2.00E+00	5.18E+00	1.72E+01	8.67E+00	-1.42E+00	8.36E+00	8.80E+00	NA	NA	NA						
MW-37-57	Q3-2011	023	53.2	-38.2	8/16/2011	10:55	5.11E+03	7.98E+02	4.59E+02	2.15E+01	3.27E+00	1.30E+00	1.82E+00	7.92E+00	9.16E+00	-1.34E+00	6.39E+00	6.57E+00	NA	NA	NA						
MW-39-67	Q4-2010	010	67	13	11/15/2010	16:28	3.74E+02	1.86E+02	3.88E+02	1.96E+00	9.36E-01	1.94E+00	-1.74E+00	3.99E+00	8.40E+00	-3.17E+00	4.38E+00	8.38E+00	NA	NA	NA	9.35E+03	1.85E+00	ND	ND	NA	MW-39-67
MW-39-67	Q2-2011	011	67	13	4/26/2011	14:52	1.09E+04	9.64E+02	4.18E+02	1.74E+00	1.49E+00	1.50E+00	-8.12E-01	8.22E+00	8.78E+00	-4.05E+00	9.42E+00	9.00E+00	NA	NA	NA						
MW-39-67	Q2-2011 Mid	012	67	13	7/15/2011	13:42	2.24E+03	6.12E+02	4.40E+02	2.55E-01	1.16E+00	1.34E+00	-1.15E-01	8.28E+00	9.19E+00	-2.42E-02	9.72E+00	1.12E+01	NA	NA	NA						
MW-39-67	Q3-2011 Mid	013	67	13	8/29/2011	13:47	1.49E+04	1.24E+03	4.51E+02	1.08E+00	1.18E+00	1.20E+00	2.23E+00	7.77E+00	8.94E+00	4.82E+00	8.25E+00	1.05E+01	NA	NA	NA						
MW-39-84	Q4-2010	010	83.5	-3.5	11/15/2010	16:38	2.51E+02	2.10E+02	4.59E+02	1.80E+00	8.83E-01	1.86E+00	3.58E+00	4.41E+00	1.05E+01	7.47E+00	4.82E+00	1.24E+01	NA	NA	NA	4.40E+02	ND	ND	ND	ND	MW-39-84
MW-39-84	Q2-2011	011	83.5	-3.5	4/26/2011	14:25	4.40E+02	4.02E+02	4.13E+02	-2.03E-01	1.15E+00	1.50E+00	-9.39E-01	7.42E+00	7.84E+00	-4.02E-01	6.92E+00	7.41E+00	NA	NA	NA						
MW-39-84	Q2-2011 Mid	012	83.5	-3.5	7/15/2011	14:33	3.55E+02	4.17E+02	4.40E+02	6.54E-01	1.15E+00	1.27E+00	-1.78E+00	1.43E+01	1.71E+01	-4.89E+00	9.45

TABLE 3
THIRD QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-40-27	Q4-2010	013	26.7	46.5	11/29/2010	15:23	2.06E+02	1.49E+02	1.44E+02	1.10E-01	7.98E-01	9.63E-01	3.16E-01	3.38E+00	3.76E+00	1.01E+00	3.63E+00	4.18E+00	NA	NA	NA	2.06E+02	ND	ND	ND	NA	MW-40-27
MW-40-27	Q1-2011	014	26.7	46.5	3/8/2011	12:55	1.85E+02	2.56E+02	2.65E+02	1.58E-01	1.37E+00	1.61E+00	3.72E-01	6.78E+00	7.39E+00	2.83E+00	8.56E+00	9.99E+00	NA	NA	NA						
MW-40-27	Q2-2011	015	26.7	46.5	4/29/2011	13:29	1.77E+02	3.66E+02	4.07E+02	1.18E+00	1.74E+00	1.87E+00	1.91E+00	8.40E+00	9.77E+00	-9.20E-01	9.86E+00	1.15E+01	NA	NA	NA						
MW-40-27	Q2-2011 Mid	016	26.7	46.5	7/27/2011	15:12	3.69E+01	3.00E+02	3.43E+02	-4.37E-01	1.40E+00	1.93E+00	-2.18E+00	7.35E+00	7.64E+00	1.36E+00	9.03E+00	1.03E+01	NA	NA	NA						
MW-40-46	Q4-2010	014	46.2	27	11/29/2010	16:36	1.63E+02	1.47E+02	1.48E+02	6.60E-02	7.89E-01	9.38E-01	5.82E-01	3.82E+00	4.28E+00	2.06E+00	3.99E+00	4.74E+00	NA	NA	NA	1.63E+02	ND**	ND	ND	NA	MW-40-46
MW-40-46	Q1-2011	015	46.2	27	3/8/2011	12:58	2.48E+02	2.74E+02	2.63E+02	1.03E-01	8.58E-01	1.07E+00	2.82E+00	8.00E+00	9.18E+00	7.99E+00	8.74E+00	1.19E+01	NA	NA	NA						
MW-40-46**	Q2-2011	016	46.2	27	4/29/2011	13:31	7.82E+01	3.54E+02	4.05E+02	-1.35E-01**	1.88E+00	1.77E+00	-9.96E-01	8.46E+00	9.00E+00	-3.98E+00	9.84E+00	9.04E+00	NA	NA	NA						
MW-40-46	Q2-2011 Mid	017	46.2	27	7/27/2011	15:55	1.35E+02	3.09E+02	3.44E+02	-9.06E-01	1.26E+00	1.86E+00	2.28E+00	8.85E+00	1.01E+01	5.01E-01	9.30E+00	1.03E+01	NA	NA	NA						
MW-40-81	Q4-2010	014	80.7	-7.5	11/29/2010	12:03	2.48E+02	1.58E+02	1.47E+02	1.13E-03	6.45E-01	7.85E-01	-9.67E-01	4.38E+00	4.79E+00	-4.37E-01	4.83E+00	5.28E+00	NA	NA	NA	2.48E+02	ND	ND	ND	NA	MW-40-81
MW-40-81	Q1-2011	015	80.7	-7.5	3/8/2011	10:17	2.33E+02	2.68E+02	2.63E+02	8.50E-01	1.51E+00	1.67E+00	1.26E+00	1.06E+01	7.71E+00	-1.45E+00	6.08E+00	6.16E+00	NA	NA	NA						
MW-40-81	Q2-2011	016	80.7	-7.5	4/29/2011	11:08	3.39E+02	4.12E+02	4.36E+02	1.07E+00	1.58E+00	1.70E+00	3.05E+00	6.90E+00	8.51E+00	-2.66E-01	8.04E+00	8.83E+00	NA	NA	NA						
MW-40-81	Q2-2011 Mid	017	80.7	-7.5	7/27/2011	13:24	-1.18E+02	2.89E+02	3.48E+02	8.36E-01	1.70E+00	1.90E+00	-3.22E-01	6.48E+00	6.87E+00	-1.05E+00	8.67E+00	8.91E+00	NA	NA	NA						
MW-40-100	Q4-2010	016	100.2	-27	11/29/2010	12:12	1.34E+02	1.40E+02	1.46E+02	-2.12E-01	6.70E-01	8.39E-01	-1.46E-01	4.05E+00	4.53E+00	3.11E-01	4.26E+00	4.81E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-40-100
MW-40-100*	Q1-2011	017	100.2	-27	3/8/2011	10:27	5.17E+01	2.14E+02	2.64E+02	2.52E-02	1.30E+00	1.58E+00	2.46E+01*	1.35E+01	7.66E+00	-1.40E+00	7.88E+00	8.30E+00	NA	NA	NA						
MW-40-100	Q2-2011	018	100.2	-27	4/29/2011	11:27	2.70E+02	4.06E+02	4.38E+02	2.46E-01	1.42E+00	1.67E+00	5.53E+00	7.14E+00	9.23E+00	2.99E+00	7.96E+00	9.80E+00	NA	NA	NA						
MW-40-100	Q2-2011 Mid	019	100.2	-27	7/27/2011	13:29	1.07E+02	3.12E+02	3.50E+02	-9.50E-01	1.41E+00	1.98E+00	2.29E+00	9.03E+00	1.04E+01	7.10E-01	1.08E+01	1.20E+01	NA	NA	NA						
MW-40-127	Q4-2010	016	127.2	-54	11/29/2010	12:26	1.22E+02	1.38E+02	1.45E+02	7.34E-01	9.02E-01	9.73E-01	-1.53E-01	4.82E+00	5.43E+00	1.12E+00	4.38E+00	5.06E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-40-127
MW-40-127*	Q1-2011	017	127.2	-54	3/8/2011	10:41	1.33E+02	2.40E+02	2.64E+02	1.03E+00	1.40E+00	1.51E+00	5.07E+01*	1.64E+01	7.63E+00	3.45E-01	7.18E+00	7.96E+00	NA	NA	NA						
MW-40-127	Q2-2011	018	127.2	-54	4/29/2011	11:26	-2.27E+01	3.60E+02	4.32E+02	5.72E-01	1.78E+00	2.05E+00	-2.13E-01	8.26E+00	8.83E+00	-1.62E+00	9.68E+00	9.87E+00	NA	NA	NA						
MW-40-127	Q2-2011 Mid	019	127.2	-54	7/27/2011	13:56	1.56E+02	3.15E+02	3.50E+02	4.81E-01	1.64E+00	1.92E+00	1.48E+00	9.06E+00	1.03E+01	-8.00E+00	1.02E+01	7.94E+00	NA	NA	NA						
MW-40-162	Q4-2010	014	161.7	-88.5	11/29/2010	12:45	6.40E+01	1.27E+02	1.45E+02	-5.51E-03	6.55E-01	7.94E-01	3.60E-01	4.34E+00	4.91E+00	3.43E-01	4.47E+00	5.03E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-40-162
MW-40-162	Q1-2011	015	161.7	-88.5	3/8/2011	11:02	8.33E+01	2.24E+02	2.63E+02	-1.03E+00	1.07E+00	1.57E+00	-3.72E+00	6.12E+00	5.93E+00	-2.11E+00	6.42E+00	6.37E+00	NA	NA	NA						
MW-40-162	Q2-2011	016	161.7	-88.5	4/29/2011	12:26	1.05E+02	3.78E+02	4.33E+02	8.71E-01	1.34E+00	1.46E+00	4.54E+00	1.23E+01	1.42E+01	4.43E-01	9.50E+00	1.08E+01	NA	NA	NA						
MW-40-162	Q2-2011 Mid	017	161.7	-88.5	7/27/2011	14:40	5.54E+00	2.97E+02	3.44E+02	-8.61E-01	1.58E+00	1.98E+00	-2.44E+00	9.21E+00	8.54E+00	-6.93E-01	8.70E+00	9.41E+00	NA	NA	NA						
MW-41-40	Q4-2010	018	34.4	20.5	10/25/2010	16:06	2.43E+03	2.78E+02	1.17E+02	4.08E+00	1.16E+00	6.72E-01	3.32E+00	5.63E+00	6.87E+00	-1.99E+00	6.74E+00	6.96E+00	NA	NA	NA	2.05E+03	5.10E+00	ND	ND	NA	MW-41-40
MW-41-40	Q1-2011	019	34.4	20.5	2/14/2011	14:05	2.03E+03	4.02E+02	2.98E+02	1.15E+01	2.68E+00	1.83E+00	4.60E+00	7.30E+00	8.61E+00	4.22E+00	7.36E+00	9.28E+00	NA	NA	NA						
MW-41-40	Q2-2011	020	34.4	20.5	4/20/2011	13:51	4.51E+03	7.36E+02	4.55E+02	2.32E+00	1.57E+00	1.44E+00	2.20E+00	9.22E+00	1.06E+01	3.02E+00	1.06E+01	1.25E+01	NA	NA	NA						
MW-41-40	Q2-2011 Mid	021	34.4	20.5	7/15/2011	12:30	6.99E+02	4.59E+02	4.41E+02	2.48E+00	1.35E+00	1.19E+00	-1.93E+00	1.09E+01	1.14E+01	-1.11E+00	8.94E+00	9.13E+00	NA	NA	NA						
MW-41-40	Q3-2011	022	34.4	20.5	8/4/2011	14:39	5.94E+02	3.57E+02	3.53E+02	1.70E+00	1.87E+00	1.93E+00	4.91E-01	5.97E+00	6.61E+00	-6.02E-02	8.16E+00	8.80E+00	NA	NA	NA						
MW-41-63	Q4-2010	017	59.5	-4.6	10/25/2010	12:59	5.06E+02	1.50E+02	1.14E+02	4.25E+00	1.19E+00	7.17E-01	1.06E+00	6.08E+00	7.07E+00	2.87E+00	5.85E+00	7.23E+00	NA	NA	NA	7.74E+02	4.73E+00	ND	ND	NA	MW-41-63
MW-41-63	Q1-2011	018	59.5	-4.6	2/14/2011	13:37	1.23E+03	4.44E+02	3.80E+02	6.92E+00	2.46E+00	1.96E+00	1.24E+00	5.30E+00	6.03E+00	2.69E+00	6.06E+00	7.29E+00	NA	NA	NA						
MW-41-63	Q2-2011	019	59.5	-4.6	4/20/2011	13:13	7.58E+02	4.90E+02	4.72E+02	-7.72E-01	1.51E+00	2.03E+00	3.53E+00	8.52E+00	1.01E+01	4.02E+00	8.74E+00	1.09E+01	NA	NA	NA						
MW-41-63	Q2-2011 Mid	020	59.5	-4.6	7/15/2011	12:51	7.14E+02	4.56E+02	4.35E+02	3.03E+00	1.50E+00	1.30E+00	2.36E+00	7.71E+00	8.88E+00	4.47E-01	6.81E+00	7.51E+00	NA	NA	NA						
MW-41-63	Q3-2011	021	59.5	-4.6	8/4/2011	14:20	6.60E+02	3.60E+02	3.51E+02	1.91E+00	1.95E+00	1.96E+00	1.64E+00	7.89E+00	8.72E+00	-1.43E+00	7.29E+00	7.72E+00	NA	NA	NA						
MW-42-49	Q4-2010	023	42.6	27.1	10/27/2010	12:23	1.28E+03	2.03E+02	1.64E+02	1.81E+01	2.31E+00	8.72E-01	2.39E+04	2.94E+03	2.93E+03	-1.67E+00	9.77E+00	1.03E+01	2.24E+02	2.66E+01	2.10E+01	1.31E+03	1.23E+01	2.35E+04	ND	2.49E+02	MW-42-49
MW-42-49	Q1-2011	024	42.6	27.1	3/4/2011	11:37	1.49E+03	5.14E+02	3.88E+02	2.32E+01	3.34E+00	1.11E+00	3.30E+04	4.42E+03	2.75E+01	1.42E+00	6.78E+00	7.87E+00	3.02E+02	3.04E+01	2.00E+01						
MW-42-49	Q2-2011	025	42.6	27.1	4/21/2011	14:04	1.71E+03	5.88E+02	4.80E+02	5.45E+00	2.18E+00	1.45E+00	2.15E+04	2.88E+03	2.08E+01	3.41E+00	9.16E+00	1.09E+01	1.90E+02	2.72E+01	1.73E+01						
MW-42-49	Q3-2011	027	42.6	27.1	8/1/2011	12:50	7.78E+02	3.90E+02	3.74E+02	2.60E+00	1.92E+00	1.82E+00	1.57E+04	1.92E+03	2.16E+01	3.58E+00	8.40E+00	1.01E+01	2.80E+02	3.48E+01	2.02E+01						
MW-42-78	Q4-2010	018	74	-4.3	10/27/2010	13:56	6.13E+02	1.74E+02	1.64E+02	-1.14E-01	4.79E-01	5.87E-01	-1.09E+00	8.69E+00	9.51E+00	-5.11E+00	8.41E+00	7.24E+00	-4.24E+00	1.80E+01	2.09E+01	5.59E+02	ND	ND	ND	ND	MW-42-78
MW-42-78	Q1-2011	019	74	-4.3	3/4/2011	10:58	5.98E+02	4.06E+02	3.84E+02	8.92E-01	1.47E+00	1.60E+00	-2.03E+00	6.72E+00	6.99E+00	8.03E-02	6.70E+00	7.41E+00	0.00E+00	1.73E+01	1.96E+01						
MW-42-78	Q2-2011	020	74	-4.3	4/21/2011	13:45	6.26E+02	4.78E+02	4.77E+02	4.25E-01	1.13E+00	1.32E+00	-9.71E-01	9.16E+00	9.83E+00	3.58E+00	8.56E+00	1.11E+01	5.89E-01	1.49E+01	1.72E+01						
MW-42-78	Q3-2011	022	74	-4.3	8/1/2011	12:50	3.97E+02	3.57E+02	3.72E+02	-1.16E-01	1.13E+00	1.49E+00	5.85E-01	7.98E+00	7.65E+00	-5.68E-01	9.45E+00	1.03E+01	1.02E+00	1.17E+01	1.31E+01						
MW-43-28	Q4-2010	017	23.5	25.3	10/25/2010	11:29	1.95E+02	1.17E+02	1.13E+02	-1.98E-01	5.01E-01	6.94E-01	3.36E+00	5.00E+00	6.09E+00	-5.01E-01	5.43E+00	5.84E+00	NA	NA	NA	1.95E+02	ND	ND	ND	NA	MW-43-28
MW-43-28	Q1-2011	018	23.5	25.3	2/15/2011	13:08	2.54E+02	2.80E+02	2.99E+02	-1.06E+00	1.40E+00	2.00E+00	5.75E-02	1.26E+01	7.06E+00	-3.84E+00	6.84E+00	6.54E+00	NA	NA	NA						
MW-43-28	Q2-2011	019	23.5	25.3	4/21/2011	11:15	2.34E+02	4.30E+02	4.72E+02	1.46E+00	1.96E+00	2.04E+00	-9.31E-01	8.74E+00	9.22E+00	4.50E+00	8.60E+00	1.09E+01	NA	NA	NA						
MW-43-28	Q3-2011	020	23.5	25.3	8/4/2011	11:15	2.26E+02	3.24E+02	3.50E+02	-1.34E-01	1.42E+00	1.87E+00	4.00E+00	7.35E+00	9.02E+00	-3.51E+00	9.33E+00	9.21E+00	NA	NA	NA						
MW-43-62	Q4-2010	017	51	-2.2	10/25/2010	11:06	9.76E+01	1.05E+02	1.12E+02	3.69E-01	7.10E-01	8.03E-01	5.94E-01	6.27E+00	6.81E+00	-6.69E-01	5.37E+00	5.81E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-43-62
MW-43-62	Q1-2011	018	51	-2.2	2/15/2011	13:15	1.82E+02	2.76E+02	3.00E+02	7.75E-01	1.74E+00	1.95E+00	6.59E-01	5.08E+00	5.56E+00	-2.37E-01	5.16E+00	5.52E+00	NA	NA	NA						
MW-43-62	Q2-2011	019	51	-2.2	4/21/2011	11:00	1.05E+02	4.12E+02	4.72E+02	-4.65E-01	1.67E+00	2.18E+00	-1.90E+00	9.08E+00	9.35E+00	-2.34E+00	8.70E+00	8.43E+00	NA	NA	NA						
MW-43-62	Q3-2011	021	51	-2.2	8/4/2011	11:35	1.66E+02	3.21E+02	3.55E+02	-2.14E-01	1.61E+00	1.93E+00	-1.62E+00	7.95E+00	8.00E+00	-2.98E+00	8.13E+00	8.75E+00	NA	NA	NA						
MW-44-66	Q4-2010	018	62.4	31.1	10/26/2010	14:46	3.10E+02	1.29E+02	1.11E+02	-1.07E-01	4.30E-01	5.95E-01	4.23E-01	6.24E+00	7.11E+00	-3.70E+00	7.37E+00	7.27E+00	NA	NA	NA	7.10E+02	ND	ND	ND	NA	MW-44-66
MW-44-66	Q1-2011	019	62.4	31.1	2/18/2011	10:41	4.57E+02	3.90E+02	3.99E+02	-2.94E-01	1.59E+00	1.95E+00	1.74E+00	7.72E+00	8.56E+00	-1.40E+00	7.92E+00	8.46E+00	NA	NA	NA						
MW-44-66	Q2-2011	020	62.4	31.1	4/26/2011	13:17	6.87E+02	4.20E+02	4.03E+02	7.05E-01	1.52E+00	1.70E+00	-1.14E-01	9.36E+00	1.03E+01	3.29E+00	1.07E+01	1.31E+01	NA	NA	NA						
MW-44-66	Q2-2011 Mid	021	62.4	31.1	7/19/2011	15:39	1.62E+03	5.49E+02	4.32E+02	-7.04E-01	6.48E-01	1.06E+00	4.61E+00	9.66E+00	1.16E+01	-5.76E+00	1.11E+01	9.79E+00	NA	NA	NA						
MW-44-66	Q3-2011	022	62.4	31.1	8/22/2011	12:08	4.76E+02	4.32E+02	4.45E+02	1.13E-01	9.03E-01	1.11E+00	-7.41E+00	8.73E+00	6.89E+00	-3.14E+00	9.09E+00	9.07E+00	NA	NA	NA						
MW-44-102	Q4-2010	019	80	13.5	10/26/2010	13:32	4.47E+02	1.42E+02	1.12E+02	2.42E-01	5.47E-01	6.33E-01	-2.73E+00	5.49E+00	5.54E+00	6.85E-01	5.38E+00	6.11E+00	NA	NA	NA	5.95E+02	ND	ND	ND	NA	MW-44-102
MW-44-102	Q1-2011	020	80	13.5	2/18/2011	10:44	3.93E+02	2.90E+02	2.97E+02	2.63E-01	1.86E+00	2.15E+00	2.22E-01	4.96E+00	5.47E+00	-2.93E-01	6.02E+00	6.58E+00	NA	NA	NA						
MW-44-102	Q2-2011	021	80	13.5	4/26/2011	12:18	6.70E+02	4.14E+02	3.99E+02	1.09E+00	1.41E+00	1.49E+00	3.59E-01	7.42E+00	8.15E+00	-2.06E+00	7.86E+00	7.82E+00	NA	NA	NA						
MW-44-102	Q2-2011 Mid	022	80	13.5	7/19/2011	10:53	6.38E+02	4.50E+02	4.39E+02	2.55E-01	1.02E+00	1.19E+00	1.01E+00	6.63E+00	7.60E+00	1.28E+00	6.27E+00	7.47E+00	NA	NA	NA						
MW-44-102	Q3-2011	023	80	13.5	8/22/2011	10:43	8.25E+02	4.77E+02	4.57E+02	-1.10E-01	9.69E-01	1.28E+00	-3.22E+00	6.69E+00	6.63E+00	8.99E+00	7.50E+00	1.08E+01	NA	NA	NA						
MW-45-42	Q4-2010	022	37	16.6	10/22/2010	15:59	2.74E+03	2.90E+02	1.13E+02	9.55E-02	5.19E-01	6.32E-01	1.35E+00	6.04E+00	6.99E+00	-1.65E+00	5.70E+00	5.89E+00	NA	NA	NA	1.72E+04	ND	ND	ND	NA	MW-45-42
MW-45-42	Q1-2011	023	37	16.6	2/16/2011	16:58	8.12E+03	7.86E+02	3.63E+02	1.03E+00	1.39E+00	1.48E+00	-8.53E-01	5.64E+00	5.99E+00	1.42E+00	6.30E+00	7.17E+00	NA	NA	NA						
MW-45-42	Q2-2011	024	37	16.6	4/20/2011	14:09	8.56E+03	1.03E+03	4.65E+02	1.45E+00	1.56E+00	1.61E+00	7.04E-01	6.50E+00	7.46E+00	7.13E+00	1.07E+01	1.29E+01	NA	NA	NA						
MW-45-42	Q2-2011 Mid	025	37	16.6	7/25/2011	13:23	3.94E+04	2.07E+03	4.36E+02	1.14E+00	1.30E+00	1.37E+00	3.09E+00	7.41E+00	8.65E+00	-2.66E+00	1.01E+01	1.05E+01	NA	NA	NA						
MW-45-42	Q3-2011 Mid	026	37	16.6	8/23/2011	13:58	2.72E+04	1.63E+03	4.50E+02	1.77E-01	9.15E-01	1.10E+00	8.73E-01	1.12E+01	1.05E+01	-7.52E+00	1.06E+01	8.89E+00	NA	NA	NA						
MW-45-61	Q4-2010	022	58	-4.4	10/22/2010	11:54	1.51E+03	2.22E+02	1.12E+02	3.58E-01	5.53E-01	6.05E-01	-2.92E+00	5.78E+00	5.94E+00	1.19E-01	6.92E+00	7.73E+00	NA	NA	NA	3.38E+03	ND	ND	ND	NA	MW-45-61
MW-45-61	Q1-2011	023	58	-4.4	2/16/2011	16:15	1.84E+03	5.20E+02	3.98E+02	-2.25E-01	1.64E+00	1.96E+00	1.38E+00	4.80E+00	5.41E+00	9.89E-01	5.46E+00	6.15E+00	NA	NA	NA						
MW-45-61	Q2-2011	024	58	-4.4	4/20/2011	10:07	2.03E+03	6.12E+02	4.74E+02	7.22E-01	1.36E+00	1.51E+00	-4.02E+00	7.76E+00	7.55E+00	-8.47E-01	7.56E+00	7.91E+00	NA	NA	NA						
MW-45-61	Q2-2011 Mid	025	58	-4.4	7/25/2011	10:00	5.63E+03	8.49E+02	4.33E+02	9.47E-01	1.19E+00	1.25E+00	1.42E+00	5.79E+00	6.69E+00	2.07E+00	8.34E+00	9.68E+00	NA	NA	NA						
MW-45-61	Q3-2011 Mid	026	58	-4.4	8/23/2011	10:48	5.91E+03	8.13E+02	4.34E+02	7.01E-01	1.16E+00	1.26E+00	-8.68E-01	7.44E+00	7.90E+00	NA	6.63E+00	7.89E+00	NA	NA	NA						
MW-46	Q4-2010	022	10.5	7.6	10/28/2010	13:25	3.13E+03	3.08E+02	1.13E+02	3.76E-01	5.09E-01	5.49E-01	-2.05E+00	5.85E+00	5.88E+00	2.98E+00	6.81E+00	8.22E+00	NA	NA	NA	3.45E+03	ND	ND	ND	NA	MW-46
MW-46	Q1-2011	023	10.5	7.6	2/23/2011	12:46	2.47E+03	5.70E+02	3.98E+02	1.12E+00	1.89E+00	2.06E+00	-2.22E+00	5.28E+00	5.28E+00	5.21E-01	5.10E+00	5.66E+00	NA	NA	NA						
MW-46	Q2-2011	024	10.5	7.6	4/25/2011	11:19	5.25E+03	7.54E+02	3.95E+02	1.48E+00	1.72E+00	1.80E+00	-2.48E+00	7.24E+00	7.06E+00	-4.44E+00	7.44E+00	6.77E+00	NA	NA	NA						
MW-46	Q2-2011 Mid	025	10.5	7.6	7/13/2011	13:29	3.08E+03	7.17E+02	2.86E+02	8.44E-01	1.19E+00	1.26E+00	3.71E+00	8.64E+00	1.04E+01	-9.54E-01	1.02E+01	1.08E+01	NA	NA	NA						
MW-46	Q3-2011	026	10.5	7.6	8/17/2011	11:36	3.30E+03	6.72E+02	4.50E+02	8.77E-01	1.21E+00	1.29E+00	3.43E-01	7.86E+00	8.82E+00	-1.10E+00	7.50E+00	7.97E+00	NA	NA	NA						
MW-47-56	Q2-2011 Mid	006	53.2	17.1	7/6/2011	15:32	3.52E+03	6.57E+02	4.48E+02	4.63E-01	1.08E+00	1.22E+00	-1.56E+00	1.11E+01	1.20E+01	1.45E-01	7.41E+00	8.25E+00	-1.99E+01	2.17E+01	2.50E+01	2.03E+03	ND	ND	ND	ND	MW-47-56
MW-47-56	Q3-2011 Mid	007	53.2	17.1	8/18/2011	12:39	5.42E+02	2.76E+02	2.00E+02	1.03E+00	1.28E+00	1.31E+00	-8.54E-01	1.13E+01	1.25E+01	3.86E+00	8.64E+00	1.07E+01	-2.22E+00	1.75E+01	2.00E+01						
MW-47-80	Q2-2011 Mid	005	74	-3.7	7/6/2011	14:37	1.36E+05	3.36E+03	4.50E+02	1.95E+00	1.33E+00	1.22E+00	-1.57E+00	8.37E+00	8.73E+00	-3.43E+00	7.80E+00	7.13E+00	3.07E+00	2.59E+01	2.89E+01	1.37E+05	1.95E+00	ND	ND	ND	MW-47-80
MW-47-80	Q3-2011 Mid	006	74	-3.7	8/18/2011	11:36	1.37E+05	4.08E+03	2.18E+02	8.23E-01	1.22E+00	1.29E+00	-5.83E+00	9.30E+00	8.60E+00	-6.32E-01	8.79E+00	9.27E+00	-1.15E+00	1.88E+01	2.15E+01						
MW-49-26	Q4-2010	022	19.1	-4.4	11/11/2010	14:23	2.59E+03	3.00E+02	4.76E+02	-3.42E-01	9.56E-01	2.34E+00	4.62E+00	4.84E+00	1.15E+01	1.18E+00	3.96E+00	9.11E+00	-1.79E+00	1.02E+01	2.29E+01	3.26E+03	1.27E+01	ND	ND	ND	MW-49-26
MW-49-26	Q1-2011	023	19.1	-4.4	1/28/2011	13:37	3.17E+03	6.00E+02	4.29E+02	1.30E+01	2.86E+00	2.01E+00	3.39E-01	1.04E+01	7.00E+00	-2.43E+00	6.42E+00	6.44E+00	-4.38E+00	1.87E+01	2.20E+01						
MW-49-26	Q2-2011	024	19.1	-4.4	4/15/2011	11:58	3.29E+03	7.18E+02	4.80E+02	1.26E+01	3.06E+00	1.91E+00	4.75E+00	1.07E+01	1.27E+01	4.03E+00	1.20E+01	1.47E+01	1.81E+00	1.50E+01	1.72E+01						
MW-49-26	Q3-2011	025	19.1	-4.4	8/10/2011	10:46	3.97E+03	6.39E+02	2.00E+02	1.26E+01	2.89E+00	1.34E+00	-1.94E+00	9.06E+00	9.33E+00	2.94E+00	8.31E+00	1.00E+01	-1.77E+01	2.04E+01	2.57E+01						
MW-49-42	Q4-2010	022	38.1	-23.4	11/11/2010	14:13	2.39E+03	2.73E+02	4.02E+02	1.99E+01	1.65E+00	1.12E+00	8.48E-01	6.79E+00	9.79E+00	3.75E+00	5.42E+00	1.30E+01	4.00E+00	8.14E+00	1.80E+01	2.64E+03	1.87E+01	ND	ND	ND	MW-49-42
MW-49-42	Q1-2011	023	38.1	-23.4	1/28/2011	13:00	2.45E+03	5.38E+02	3.86E+02	2.30E+01	4.02E+00	2.02E+00	-1.07E+00	5.74E+00	6.21E+00	-2.45E+00	5.50E+00	5.32E+00	-3.26E+00	1.86E+01	2.18E

TABLE 3
THIRD QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-51-40	Q1-2011	018	39.7	28	3/8/2011	10:18	1.02E+02	2.34E+02	2.67E+02	1.07E+00	1.51E+00	1.61E+00	-7.97E+00	1.21E+01	1.36E+01	2.42E+00	7.30E+00	8.76E+00	NA	NA	NA						
MW-51-40	Q2-2011	019	39.7	28	4/29/2011	10:41	3.63E+02	4.14E+02	4.35E+02	2.26E-01	1.37E+00	1.59E+00	-3.40E+00	9.48E+00	9.62E+00	6.20E+00	1.11E+01	1.40E+01	NA	NA	NA						
MW-51-40	Q3-2011	020	39.7	28	7/28/2011	11:43	3.78E+01	3.06E+02	3.52E+02	-2.51E-01	1.37E+00	1.85E+00	-2.58E+00	1.35E+01	1.68E+01	-3.37E+00	9.33E+00	9.05E+00	NA	NA	NA						
MW-51-79	Q4-2010	017	78.7	-11	11/30/2010	13:08	3.11E+01	1.21E+02	1.44E+02	-1.22E-01	4.32E-01	5.24E-01	-8.30E-01	4.13E+00	4.54E+00	9.98E-01	4.02E+00	4.66E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-79
MW-51-79	Q1-2011	018	78.7	-11	3/8/2011	10:34	1.36E+02	2.46E+02	2.70E+02	-2.03E-01	1.22E+00	1.53E+00	2.42E+00	5.42E+00	6.52E+00	-2.74E+00	7.36E+00	6.45E+00	NA	NA	NA						
MW-51-79	Q2-2011	019	78.7	-11	4/29/2011	10:57	1.17E+02	3.82E+02	4.33E+02	1.03E+00	1.67E+00	1.82E+00	-4.93E-01	7.56E+00	8.23E+00	-8.38E-01	8.08E+00	8.53E+00	NA	NA	NA						
MW-51-79	Q3-2011	020	78.7	-11	7/28/2011	11:55	-1.93E+01	3.09E+02	3.60E+02	1.36E-01	1.63E+00	1.96E+00	2.20E+00	8.28E+00	9.43E+00	-5.24E-01	9.27E+00	9.93E+00	NA	NA	NA						
MW-51-104	Q4-2010	015	103.7	-36	11/30/2010	9:55	8.54E+01	1.33E+02	1.47E+02	3.74E-01	7.18E-01	8.12E-01	-1.43E-01	3.99E+00	4.55E+00	2.19E-01	4.56E+00	5.05E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-104
MW-51-104	Q1-2011	016	103.7	-36	3/8/2011	12:10	5.76E+01	3.10E+02	3.55E+02	8.91E-01	1.47E+00	1.60E+00	2.54E+00	7.20E+00	8.14E+00	9.02E-01	5.50E+00	6.24E+00	NA	NA	NA						
MW-51-104	Q2-2011	017	103.7	-36	4/29/2011	12:35	1.97E+02	3.90E+02	4.32E+02	1.41E+00	1.45E+00	1.48E+00	-1.90E+00	1.08E+01	1.25E+01	-6.79E-01	1.10E+01	1.20E+01	NA	NA	NA						
MW-51-104	Q3-2011	018	103.7	-36	7/28/2011	9:51	1.64E+02	3.18E+02	3.51E+02	-8.86E-01	1.26E+00	1.94E+00	-1.15E-01	6.18E+00	6.84E+00	-3.12E+00	8.10E+00	7.98E+00	NA	NA	NA						
MW-51-135	Q4-2010	015	135.2	-67.5	11/30/2010	9:57	9.53E+01	1.33E+02	1.45E+02	4.21E-01	7.13E-01	7.98E-01	-5.11E-01	4.18E+00	4.61E+00	-2.98E-01	4.20E+00	4.58E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-135
MW-51-135	Q1-2011	016	135.2	-67.5	3/8/2011	12:44	8.29E+01	2.24E+02	2.62E+02	8.62E-01	1.31E+00	1.42E+00	8.60E-02	6.02E+00	6.77E+00	2.37E+00	5.96E+00	7.38E+00	NA	NA	NA						
MW-51-135	Q2-2011	017	135.2	-67.5	4/29/2011	13:16	0.00E+00	3.66E+02	4.35E+02	1.14E+00	1.52E+00	1.63E+00	2.52E+00	1.01E+01	1.17E+01	-5.69E-01	9.00E+00	9.56E+00	NA	NA	NA						
MW-51-135	Q3-2011	018	135.2	-67.5	7/28/2011	10:04	-5.63E+01	2.96E+02	3.49E+02	8.06E-01	1.71E+00	1.92E+00	4.41E+00	8.22E+00	9.83E+00	1.32E+00	9.36E+00	1.05E+01	NA	NA	NA						
MW-51-163	Q4-2010	015	162.7	-95	11/30/2010	10:02	9.01E+01	1.31E+02	1.44E+02	-3.11E-01	6.98E-01	9.94E-01	1.23E+00	8.07E+00	4.14E+00	3.30E-01	3.94E+00	4.43E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-163
MW-51-163	Q1-2011	016	162.7	-95	3/8/2011	13:01	0.00E+00	1.96E+02	2.63E+02	-5.97E-01	1.39E+00	1.98E+00	2.81E+00	6.54E+00	7.66E+00	5.35E-01	7.76E+00	8.69E+00	NA	NA	NA						
MW-51-163	Q2-2011	017	162.7	-95	4/29/2011	13:19	4.68E+01	3.66E+02	4.30E+02	5.27E-01	1.45E+00	1.65E+00	2.26E+00	8.40E+00	9.72E+00	9.25E-01	7.72E+00	8.87E+00	NA	NA	NA						
MW-51-163	Q3-2011	018	162.7	-95	7/28/2011	10:18	1.20E+02	3.18E+02	3.54E+02	-7.15E-01	1.26E+00	1.96E+00	6.34E-01	7.71E+00	8.41E+00	3.60E+00	9.69E+00	1.17E+01	NA	NA	NA						
MW-51-189	Q4-2010	015	189.2	-121.5	11/30/2010	9:56	6.91E+01	1.29E+02	1.46E+02	1.93E-01	7.99E-01	9.81E-01	-7.45E-01	4.51E+00	4.98E+00	-3.16E-01	4.61E+00	5.06E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-51-189
MW-51-189*	Q1-2011	016	189.2	-121.5	3/8/2011	12:30	-1.50E+01	1.93E+02	2.68E+02	-3.06E-01	1.46E+00	1.97E+00	3.77E+01*	1.47E+01	6.28E+00	2.28E-01	5.28E+00	5.79E+00	NA	NA	NA						
MW-51-189	Q2-2011	017	189.2	-121.5	4/29/2011	12:52	2.32E+02	3.96E+02	4.33E+02	1.28E+00	1.50E+00	1.57E+00	-8.07E-01	5.82E+00	6.25E+00	-5.07E+00	9.48E+00	8.89E+00	NA	NA	NA						
MW-51-189	Q3-2011	018	189.2	-121.5	7/28/2011	10:42	-5.69E+00	3.03E+02	3.53E+02	3.69E-02	1.66E+00	1.95E+00	2.36E+00	1.07E+01	1.02E+01	2.52E+00	1.01E+01	1.17E+01	NA	NA	NA						
MW-52-11	Q2-2011	006	10	6.8	4/22/2011	12:10	3.04E+02	4.08E+02	4.35E+02	1.29E-01	1.35E+00	1.60E+00	2.27E+00	1.02E+01	1.17E+01	5.08E+00	9.92E+00	1.24E+01	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-11
MW-52-11	Q2-2011 Mid	007	10	6.8	7/26/2011	12:32	3.39E+02	3.99E+02	4.21E+02	1.86E-01	1.49E+00	1.74E+00	1.71E+00	8.76E+00	9.71E+00	-2.27E+00	8.43E+00	8.63E+00	NA	NA	NA						
MW-52-18	Q2-2011	006	17.5	-2.6	4/22/2011	12:16	7.01E+01	3.76E+02	4.35E+02	1.37E+00	1.39E+00	1.42E+00	8.81E+00	1.29E+01	9.01E+00	-1.49E+00	9.44E+00	9.90E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-18
MW-52-18	Q2-2011 Mid	007	17.5	-2.6	7/26/2011	14:39	2.52E+02	3.87E+02	4.22E+02	1.06E+00	1.62E+00	1.76E+00	3.80E+00	6.45E+00	8.08E+00	-3.24E+00	8.10E+00	7.84E+00	NA	NA	NA						
MW-52-48	Q2-2011	006	48	-33.1	4/22/2011	12:18	1.06E+02	3.82E+02	4.36E+02	1.69E-01	1.37E+00	1.62E+00	-4.59E+00	7.58E+00	7.31E+00	1.35E+00	7.80E+00	9.17E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-48
MW-52-48	Q2-2011 Mid	007	48	-33.1	7/26/2011	15:08	7.68E+01	3.66E+02	4.21E+02	2.58E-01	1.20E+00	1.46E+00	2.34E+00	9.60E+00	1.07E+01	-7.68E-01	8.73E+00	1.01E+01	NA	NA	NA						
MW-52-64	Q2-2011	006	64	-49.1	4/22/2011	15:23	-2.26E+01	3.58E+02	4.32E+02	5.12E-01	1.13E+00	1.27E+00	1.87E+00	6.72E+00	7.70E+00	-8.05E+00	8.28E+00	6.18E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-64
MW-52-64	Q2-2011 Mid	007	64	-49.1	7/27/2011	10:45	1.35E+02	3.81E+02	4.31E+02	-4.58E-01	8.67E-01	1.27E+00	2.48E+00	7.17E+00	8.34E+00	6.66E-01	8.13E+00	9.05E+00	NA	NA	NA						
MW-52-122	Q2-2011	006	122	-107.1	4/22/2011	10:45	-2.27E+01	3.60E+02	4.33E+02	1.14E+00	1.17E+00	1.17E+00	3.48E+01	2.08E+01	9.71E+00	-1.96E+00	7.96E+00	7.90E+00	NA	NA	NA	ND	ND	3.48E+01	ND	NA	MW-52-122
MW-52-122	Q2-2011 Mid	007	122	-107.1	7/26/2011	13:36	-2.18E+01	3.48E+02	4.19E+02	1.05E-01	1.19E+00	1.47E+00	-5.49E+00	7.92E+00	7.50E+00	8.02E-01	6.84E+00	7.89E+00	NA	NA	NA						
MW-52-162	Q2-2011	006	161.5	-146.6	4/22/2011	10:18	1.85E+02	3.84E+02	4.29E+02	-7.50E-01	9.50E-01	1.42E+00	1.47E+00	8.40E+00	9.68E+00	1.95E-02	1.00E+01	1.10E+01	NA	NA	NA	5.16E+02	ND	ND	ND	NA	MW-52-162
MW-52-162	Q2-2011 Mid	007	161.5	-146.6	7/26/2011	11:33	5.16E+02	4.20E+02	4.22E+02	3.77E-03	1.21E+00	1.57E+00	4.29E-02	8.34E+00	9.05E+00	-2.32E+00	9.87E+00	1.00E+01	NA	NA	NA						
MW-52-181	Q2-2011	006	181	-166.1	4/22/2011	10:22	2.45E+02	3.96E+02	4.33E+02	1.18E+00	1.42E+00	1.48E+00	6.46E+01	2.68E+01	1.22E+01	-1.09E+00	1.22E+01	1.30E+01	NA	NA	NA	ND	ND	6.46E+01	ND	NA	MW-52-181
MW-52-181	Q2-2011 Mid	007	181	-166.1	7/26/2011	11:43	2.41E+02	3.87E+02	4.22E+02	3.57E-01	1.28E+00	1.54E+00	-1.99E+00	7.50E+00	7.52E+00	-1.27E+00	9.39E+00	9.97E+00	NA	NA	NA						
MW-53-82	Q4-2010	017	75	-4.7	10/27/2010	12:07	2.59E+03	2.79E+02	1.10E+02	8.07E-01	7.90E-01	8.26E-01	-3.74E-02	5.82E+00	6.57E+00	1.14E-01	6.23E+00	7.00E+00	NA	NA	NA	1.13E+03	ND	ND	ND	NA	MW-53-82
MW-53-82	Q1-2011	018	75	-4.7	3/3/2011	11:53	5.95E+02	3.76E+02	3.73E+02	1.61E+00	1.82E+00	1.91E+00	3.61E+00	6.18E+00	7.60E+00	-1.88E+00	7.02E+00	7.25E+00	-7.63E+00	1.59E+01	1.85E+01						
MW-53-82	Q2-2011	019	75	-4.7	4/18/2011	12:45	6.24E+02	4.56E+02	4.50E+02	4.40E-01	1.45E+00	1.67E+00	-4.57E+00	9.82E+00	9.80E+00	3.12E+00	8.78E+00	1.07E+01	-5.86E-01	1.48E+01	1.72E+01						
MW-53-82	Q3-2011	021	75	-4.7	8/1/2011	11:11	7.16E+02	3.84E+02	3.71E+02	-5.52E-01	7.86E-01	1.06E+00	-2.46E+00	7.38E+00	7.34E+00	-3.40E-01	8.49E+00	9.05E+00	8.23E+00	1.80E+01	1.98E+01						
MW-53-120	Q4-2010	021	109.8	-39.5	10/27/2010	12:48	3.91E+03	3.38E+02	1.11E+02	2.96E+01	2.91E+00	7.02E-01	2.32E+00	5.07E+00	6.00E+00	-9.52E-01	5.46E+00	5.76E+00	NA	NA	NA	4.08E+03	3.19E+01	ND	ND	1.45E+01	MW-53-120
MW-53-120	Q1-2011	022	109.8	-39.5	3/3/2011	12:00	3.84E+03	7.18E+02	3.89E+02	2.95E+01	3.76E+00	1.13E+00	2.30E+00	7.32E+00	8.49E+00	-2.43E-01	8.14E+00	8.13E+00	1.00E+01	1.70E+01	1.87E+01						
MW-53-120	Q2-2011	023	109.8	-39.5	4/18/2011	11:52	4.11E+03	7.72E+02	4.75E+02	3.55E+01	4.56E+00	1.67E+00	1.38E+00	8.82E+00	9.99E+00	4.87E-01	9.24E+00	1.02E+01	1.76E+01	1.77E+01	1.87E+01						
MW-53-120	Q3-2011	025	109.8	-39.5	8/1/2011	10:00	4.44E+03	6.15E+02	3.71E+02	3.30E+01	5.22E+00	1.94E+00	-2.07E+00	8.49E+00	8.67E+00	-5.10E-01	9.36E+00	1.01E+01	1.45E+01	1.02E+01	1.07E+01						
MW-54-37	Q4-2010	015	36.5	-23.4	11/23/2010	14:47	1.45E+03	2.27E+02	1.26E+02	4.51E+00	1.42E+00	9.84E-01	-2.09E+00	5.46E+00	5.80E+00	-6.89E-01	6.35E+00	6.93E+00	-2.56E+00	1.81E+01	2.15E+01	1.34E+04	4.66E+00	ND	ND	ND	MW-54-37
MW-54-37	Q1-2011	016	36.5	-23.4	2/1/2011	14:10	1.33E+03	4.86E+02	3.78E+02	4.88E+00	1.77E+00	1.26E+00	-1.42E+00	5.54E+00	5.67E+00	3.12E-01	6.42E+00	7.04E+00	-2.81E+00	1.59E+01	1.82E+01						
MW-54-37	Q2-2011	017	36.5	-23.4	4/12/2011	12:02	5.16E+03	8.40E+02	4.76E+02	4.91E+00	2.08E+00	1.69E+00	2.95E+00	8.26E+00	9.69E+00	2.50E+00	8.26E+00	9.96E+00	3.16E+00	1.45E+01	1.65E+01						
MW-54-37	Q2-2011 Mid	018	36.5	-23.4	7/18/2011	13:45	2.79E+04	1.67E+03	4.43E+02	4.34E+00	2.19E+00	1.85E+00	-1.17E+00	6.36E+00	6.58E+00	4.07E+00	9.21E+00	1.09E+01	1.56E+01	1.91E+01	2.07E+01						
MW-54-37	Q3-2011	019	36.5	-23.4	8/15/2011	9:25	3.13E+04	1.75E+03	1.98E+02	2.75E-01	1.60E+00	1.88E+00	5.03E-01	6.69E+00	7.58E+00	3.36E+00	7.56E+00	9.28E+00	-1.05E+01	1.66E+01	1.96E+01						
MW-54-58	Q4-2010	015	57.5	-44.4	11/23/2010	14:55	8.21E+02	1.80E+02	1.23E+02	2.67E+00	1.13E+00	9.76E-01	3.83E+00	6.50E+00	7.88E+00	2.75E+00	6.57E+00	8.00E+00	-3.94E+00	1.86E+01	2.21E+01	1.90E+03	1.95E+00	ND	ND	ND	MW-54-58
MW-54-58	Q1-2011	016	57.5	-44.4	2/1/2011	14:22	9.58E+02	4.56E+02	3.92E+02	1.68E+00	1.34E+00	1.28E+00	-4.20E-02	7.14E+00	7.94E+00	-2.21E+00	6.84E+00	6.82E+00	-4.89E+00	1.66E+01	1.92E+01						
MW-54-58	Q2-2011	017	57.5	-44.4	4/12/2011	12:04	9.94E+02	5.26E+02	4.79E+02	1.15E+00	1.84E+00	2.01E+00	1.70E+00	8.58E+00	9.66E+00	1.14E+00	8.74E+00	9.95E+00	5.01E+00	1.58E+01	1.78E+01						
MW-54-58	Q2-2011 Mid	018	57.5	-44.4	7/18/2011	13:33	2.48E+03	6.12E+02	4.44E+02	1.49E+00	1.21E+00	1.14E+00	-1.98E+00	8.85E+00	9.27E+00	2.35E-01	9.09E+00	1.01E+01	1.83E+01	1.97E+01	2.13E+01						
MW-54-58	Q3-2011	019	57.5	-44.4	8/15/2011	9:47	4.23E+03	6.63E+02	2.02E+02	-1.92E-01	9.75E-01	1.31E+00	-1.08E+00	8.61E+00	8.19E+00	-8.43E-01	9.45E+00	1.01E+01	2.37E+00	1.84E+01	2.07E+01						
MW-54-123	Q4-2010	015	123	-109.9	11/23/2010	15:12	8.12E+02	1.80E+02	1.22E+02	7.65E+00	1.46E+00	9.15E-01	2.19E+00	6.74E+00	7.78E+00	-1.25E+00	6.18E+00	6.62E+00	9.26E+00	1.91E+01	2.15E+01	8.99E+02	4.35E+00	ND	ND	ND	MW-54-123
MW-54-123	Q1-2011	016	123	-109.9	2/1/2011	14:11	1.08E+03	4.68E+02	3.90E+02	2.56E+00	1.39E+00	1.08E+00	-3.56E-01	6.02E+00	6.69E+00	-3.66E-03	5.16E+00	5.75E+00	2.50E+00	1.66E+01	1.87E+01						
MW-54-123	Q2-2011	017	123	-109.9	4/12/2011	12:22	8.24E+02	4.98E+02	4.77E+02	3.44E+00	1.96E+00	1.72E+00	-5.24E+00	8.14E+00	7.60E+00	1.86E+00	8.04E+00	9.55E+00	-3.35E+00	1.48E+01	1.75E+01						
MW-54-123	Q2-2011 Mid	018	123	-109.9	7/18/2011	14:06	5.70E+02	4.44E+02	4.46E+02	7.16E-01	1.02E+00	1.07E+00	1.92E+00	9.66E+00	1.05E+01	3.87E-02	6.30E+00	6.97E+00	6.27E+00	1.84E+01	2.04E+01						
MW-54-123	Q3-2011	019	123	-109.9	8/15/2011	9:55	1.21E+03	3.75E+02	2.00E+02	3.74E+00	2.03E+00	1.78E+00	5.50E-01	8.46E+00	9.31E+00	-5.09E-01	8.88E+00	9.49E+00	-3.43E+00	1.94E+01	2.22E+01						
MW-54-144	Q4-2010	015	144	-130.9	11/23/2010	12:30	1.34E+03	2.15E+02	1.21E+02	1.08E+01	1.36E+00	5.83E-01	1.02E+00	7.82E+00	8.59E+00	-3.87E+00	6.48E+00	5.93E+00	2.30E+00	1.91E+01	2.21E+01	2.76E+03	1.09E+01	ND	ND	ND	MW-54-144
MW-54-144	Q1-2011	016	144	-130.9	2/1/2011	12:34	1.35E+03	4.96E+02	3.87E+02	9.31E+00	2.24E+00	1.06E+00	-9.04E-01	6.14E+00	6.70E+00	-6.36E-01	6.20E+00	6.74E+00	-4.27E+00	1.58E+01	1.82E+01						
MW-54-144	Q2-2011	017	144	-130.9	4/12/2011	9:50	1.48E+03	5.68E+02	4.79E+02	1.20E+01	2.92E+00	1.81E+00	6.43E+00	7.44E+00	9.59E+00	-4.68E+00	9.58E+00	8.86E+00	-2.75E+00	1.48E+01	1.74E+01						
MW-54-144	Q2-2011 Mid	018	144	-130.9	7/18/2011	12:38	4.34E+03	7.41E+02	4.43E+02	1.13E+01	2.44E+00	1.26E+00	3.37E+00	7.47E+00	8.78E+00	-3.49E+00	8.91E+00	8.88E+00	1.53E+01	1.87E+01	2.03E+01						
MW-54-144	Q3-2011	019	144	-130.9	8/15/2011	11:44	5.27E+03	7.23E+02	1.96E+02	1.10E+01	2.75E+00	1.62E+00	4.07E+00	9.39E+00	1.10E+01	4.25E-01	9.81E+00	1.08E+01	-5.13E+00	1.89E+01	2.18E+01						
MW-54-173	Q4-2010	015	172.5	-159.4	11/23/2010	12:25	1.51E+03	2.28E+02	1.24E+02	4.65E+00	1.28E+00	8.17E-01	-1.84E+00	7.05E+00	7.31E+00	-1.82E+00	6.23E+00	6.51E+00	2.22E+00	1.84E+01	2.14E+01	1.48E+03	4.65E+00	ND	ND	ND	MW-54-173
MW-54-173	Q1-2011	016	172.5	-159.4	2/1/2011	12:29	1.66E+03	5.26E+02	3.81E+02	5.81E+00	1.88E+00	1.10E+00	-2.87E-01	8.00E+00	8.79E+00	1.01E+00	1.06E+01	1.20E+01	-5.49E+00	1.77E+01	2.05E+01						
MW-54-173	Q2-2011	017	172.5	-159.4	4/12/2011	9:56	1.26E+03	5.46E+02	4.78E+02	3.91E+00	1.92E+00	1.58E+00	-1.29E+01	1.38E+01	1.53E+01	5.93E+00	9.66E+00	1.25E+01	-2.17E+00	1.50E+01	1.76E+01						
MW-54-173	Q2-2011 Mid	018	172.5	-159.4	7/18/2011	12:20	1.48E+03	5.28E+02	4.40E+02	4.54E+00	1.64E+00	1.11E+00	2.97E-01	6.84E+00	7.45E+00	1.10E+00	6.51E+00	7.50E+00	-5.43E+00	1.56E+01	1.75E+01						
MW-54-173	Q3-2011	019	172.5	-159.4	8/15/2011	11:50	1.50E+03	4.08E+02	1.97E+02	4.32E+00	1.94E+00	1.48E+00	-1.36E+00	1.01E+01	1.05E+01	-7.70E-01	1.21E+01	1.33E+01	-7.41E+00	2.05E+01	2.42E+01						
MW-54-190	Q4-2010	015	190	-176.9	11/23/2010	12:22	1.93E+03	2.55E+02	1.27E+02	1.92E+01	1.89E+00	7.12E-01	-9.64E-01	6.04E+00	6.61E+00	-2.29E+00	6.71E+00	6.79E+00	-3.18E-01	1.81E+01	2.14E+01	2.31E+03	1.83E+01	ND	ND	ND	MW-54-190
MW-54-190	Q1-2011	016	190	-176.9	2/1/2011	12:25	1.89E+03	5.56E+02	3.90E+02	1.68E+01	3.36E+00	1.28E+00	4.59E-01	6.34E+00	7.14E+00	-3.55E+00	5.96E+00	5.21E+00	1.71E+00	1.67E+01	1.89E+01						
MW-54-190	Q2-2011	017	190	-176.9	4/12/2011	10:01	2.07E+03	6.18E+02	4.78E+02	1.90E+01	3.38E+00	1.77E+00	3.33E+00	7.86E+00	9.23E+00	8.70E-01	9.00E+00	1.00E+01	3.35E-01	1.58E+01	1.82E+01						
MW-54-190	Q2-2011 Mid	018	190	-176.9	7/18/2011	12:14	2.37E+03	6.06E+02	4.45E+02	1.75E+01	2.85E+00	1.12E+00	2.24E+00	1.16E+01	1.29E+01	-2.72E+00	1.18E+01	1.22E+01	-3.86E+00	1.55E+01	1.74E+01						
MW-54-190	Q3-2011	019	190	-176.9	8/15/2011	12:00	3.31E+03	5.88E+02	2.00E+02	1.89E+01	3.39E+00	1.22E+00	-3.96E+00	8.61E+00	7.57E+00	-4.68E+00	8.73E+00	8.11E+00	-5.67E+00	1.96E+01	2.30E+01						
MW-55-24	Q4-2010	016	16	2.3	11/1/2010	14:10	1.39E+03	2.09E+02	1.65E+02	1.08E+01	1.98E+00	9.92E-01	-2.29E-01	8.10E+00	9.04E+00	-4.71E+00	7.93E+00	6.54E+00	7.56E+00	1.88E+01	2.12E+01	1.37E+03	1.15E+01	ND	ND	ND	MW-55-24
MW-55-24	Q1-2011	017	16	2.3	2/3/2011	14:13	1.02E+03	4.48E+02	4.20E+02	1.09E+01	2.82E+00	1.96E+00	-3.57E-01	4.92E+00	5.43E+00	4.75E+00	8.74E+00	7.44E+00	-5.31E+00	1.81E+01	2.14E+01						
MW-55-24	Q2-2011	018	16	2.3	8/12/2011	12:12	1.71E+03	4.35E+02	2.01E+02	1.29E+01	3.21E+00	1.59E+00	-4.41E+00	7.32E+00	6.86E+00	5.14E-01	7.95E+00	8.82E+00	6.75E+00	2.09E+01	2.34E+01						
MW-55-35	Q4-2010	015	32	-13.8	11/1/2010	14:26	1.57E+03	2.12E+02	1.62E+02	1.13E+01	1.97E+00	9.17E-01	-2.41E+00	8.88E+00	9.46E+00	5.36E-01	8.18E+00	9.32E+00	6.22E+00	1.79E+01	2.03E+01	2.07E+03	1.56E+01	ND	ND	ND	MW-55-35
MW-55-35	Q1-2011	016	32	-13.8	2/3/2011	14:16	1.70E+03	4.84E+02	3.86E+02	1.93E+01	3.42E+00	2.05E+00	8.32E-01	5.82E+00	6.45E+00	1.03E+00	6.24E+00	7.03E+00	-2.16E+00	1.86E+01	2.17E+01						
MW-55-35	Q3-2011	017	32	-13.8	8/12/2011	12:15	2.94E+03	5.58E+02	2.01E+02	1.63E+01	3.18E+00	1.50E+00	4.22E-01	7.50E+00	8.42E+00	-1.40E+00	8.31E+00	8.83E+00	-1.22E+01	2.17E+01	2.60E+01						
MW-55-54	Q4-2010	016	47	-28.8	11/1/2010	13:36	8.68E+03	3.95E+02	1.57E+02	1.93E+01	1.72E+00	6.48E-01	-3.03E+00	7.29E+00	7.24E+00	9.59E-01	7.50E+00	8.63E+00	1.12E-01	1.77E+01	2.04E+01	8.56E+03	2.01E+01	ND	ND	ND	MW-55-54
MW-55-54	Q1-2011	017	47	-28.8	2/3/2011	14:17	8.46E

TABLE 3
THIRD QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-58-26	Q2-2011	012	20	-5.4	5/3/2011	9:58	7.22E+02	4.30E+02	4.21E+02	3.15E-01	1.13E+00	1.32E+00	2.29E+00	5.80E+00	6.89E+00	-6.42E+00	9.02E+00	8.00E+00	NA	NA	NA						
MW-58-26	Q2-2011 Mid	013	20	-5.4	7/5/2011	13:29	1.86E+03	5.46E+02	4.47E+02	-3.25E-01	1.10E+00	1.41E+00	7.41E-01	6.84E+00	7.61E+00	1.22E+00	7.32E+00	8.39E+00	-1.01E+01	1.99E+01	2.25E+01						
MW-58-26	Q3-2011 Mid	014	20	-5.4	8/26/2011	14:47	2.47E+03	5.10E+02	1.99E+02	-6.17E-02	7.95E-01	1.05E+00	2.39E-01	7.65E+00	8.47E+00	3.25E-01	8.22E+00	9.22E+00	NA	NA	NA						
MW-58-65	Q4-2010	011	54	-39.4	11/11/2010	13:53	4.81E+02	1.88E+02	1.45E+02	7.15E-01	7.72E-01	8.31E-01	2.61E-01	3.71E+00	4.18E+00	3.74E+00	4.41E+00	5.49E+00	NA	NA	NA	7.69E+02	ND***	ND	ND	NA	MW-58-65
MW-58-65	Q2-2011	012	54	-39.4	5/3/2011	10:11	3.29E+02	3.78E+02	3.97E+02	-4.47E-01	1.03E+00	1.44E+00	1.93E+00	5.92E+00	7.00E+00	-7.81E-01	7.04E+00	7.26E+00	NA	NA	NA						
MW-58-65	Q2-2011 Mid	013	54	-39.4	7/5/2011	13:30	7.26E+02	3.93E+02	2.83E+02	4.19E-01	9.12E-01	1.03E+00	5.29E+00	1.05E+01	1.25E+01	1.47E+00	7.53E+00	8.78E+00	3.44E-01	2.03E+01	2.27E+01						
MW-58-65***	Q3-2011 Mid	014	54	-39.4	8/26/2011	14:04	1.10E+03	4.62E+02	2.61E+02	6.31E-01***	1.82E+00	1.60E+00	-1.06E+00	9.00E+00	9.65E+00	-1.54E+00	1.01E+01	1.04E+01	NA	NA	NA						
MW-59-32	Q2-2011 Mid	005	27	-12.5	7/20/2011	9:59	1.56E+02	3.90E+02	4.38E+02	5.88E-01	1.14E+00	1.27E+00	-1.79E+00	7.92E+00	8.02E+00	-2.58E+00	9.78E+00	1.02E+01	-1.40E+01	1.82E+01	2.07E+01	4.74E+02	ND	ND	ND	ND	MW-59-32
MW-59-32	Q3-2011 Mid	006	27	-12.5	8/24/2011	14:22	4.74E+02	2.72E+02	2.17E+02	7.95E-01	1.13E+00	1.20E+00	-2.52E+00	1.05E+01	1.13E+01	2.65E+00	8.25E+00	9.93E+00	-6.65E+00	2.16E+01	2.54E+01						
MW-59-45	Q2-2011 Mid	005	42	-27.5	7/20/2011	9:59	5.24E+02	4.35E+02	4.43E+02	-1.01E+00	1.05E+00	1.49E+00	1.81E+00	8.52E+00	9.88E+00	2.79E+00	9.48E+00	1.15E+01	-1.12E+01	1.83E+01	2.08E+01	8.82E+02	ND	ND	ND	ND	MW-59-45
MW-59-45	Q3-2011 Mid	006	42	-27.5	8/24/2011	14:32	1.24E+03	4.92E+02	2.64E+02	1.13E-01	1.11E+00	1.33E+00	-1.32E+00	8.37E+00	8.81E+00	4.22E+00	9.42E+00	1.18E+01	1.31E+00	1.07E+01	1.20E+01						
MW-59-68	Q2-2011 Mid	005	58	-43.5	7/20/2011	10:14	1.15E+02	3.90E+02	4.42E+02	1.10E-01	7.26E-01	9.01E-01	2.83E+00	9.33E+00	1.09E+01	8.22E-01	9.87E+00	1.06E+01	-1.57E+01	2.17E+01	2.47E+01	ND	ND	ND	ND	ND	MW-59-68
MW-59-68	Q3-2011 Mid	006	58	-43.5	8/24/2011	14:09	2.61E+02	2.83E+02	2.66E+02	-5.46E-01	7.35E-01	1.14E+00	-5.62E+00	8.52E+00	7.69E+00	1.56E+00	9.03E+00	1.03E+01	4.94E+00	1.28E+01	1.42E+01						
MW-60-35	Q4-2010	015	34.9	-22.4	11/18/2010	13:25	2.44E+02	1.85E+02	4.00E+02	-5.33E-01	6.54E-01	1.73E+00	9.47E-01	4.80E+00	1.08E+01	-4.28E-01	4.56E+00	9.75E+00	-1.11E+01	8.47E+00	1.92E+01	4.99E+02	ND	ND	ND	ND	MW-60-35
MW-60-35	Q1-2011	016	34.9	-22.4	2/11/2011	12:17	3.20E+02	3.72E+02	3.88E+02	9.73E-01	1.63E+00	1.78E+00	2.69E+00	6.24E+00	7.46E+00	1.22E-01	3.76E+00	4.24E+00	-1.61E+00	1.62E+01	1.84E+01						
MW-60-35	Q2-2011	017	34.9	-22.4	4/15/2011	11:36	2.03E+02	4.32E+02	4.80E+02	3.77E-01	1.66E+00	2.00E+00	2.46E+00	1.14E+01	8.95E+00	-8.48E-01	9.58E+00	1.03E+01	2.65E+00	1.42E+01	1.61E+01						
MW-60-35	Q3-2011	018	34.9	-22.4	8/10/2011	10:54	4.99E+02	2.69E+02	2.00E+02	-5.84E-01	7.74E-01	1.17E+00	2.11E+00	6.96E+00	8.28E+00	-1.04E+00	1.03E+01	1.10E+01	NA	NA	NA						
MW-60-53	Q4-2010	015	53.4	-40.9	11/18/2010	12:22	2.49E+02	1.83E+02	3.96E+02	-4.58E-01	4.20E-01	1.32E+00	4.54E-01	4.11E+00	9.15E+00	2.23E+00	3.57E+00	8.75E+00	1.10E+01	8.93E+00	1.96E+01	5.16E+02	ND	ND	ND	ND	MW-60-53
MW-60-53	Q1-2011	016	53.4	-40.9	2/11/2011	10:57	3.19E+02	3.70E+02	3.87E+02	7.44E-01	1.52E+00	1.70E+00	-2.03E+00	5.88E+00	6.16E+00	1.39E+00	7.96E+00	8.33E+00	-1.39E+00	1.50E+01	1.72E+01						
MW-60-53	Q2-2011	017	53.4	-40.9	4/15/2011	11:37	-5.87E+01	3.96E+02	4.80E+02	-1.18E-02	1.60E+00	2.04E+00	2.17E+00	9.90E+00	1.14E+01	-1.11E+00	8.68E+00	8.95E+00	-1.06E+00	1.43E+01	1.66E+01						
MW-60-53	Q3-2011	018	53.4	-40.9	8/10/2011	11:45	5.16E+02	2.70E+02	1.99E+02	1.18E+00	1.39E+00	1.45E+00	5.77E-01	1.34E+01	8.78E+00	-5.16E-01	1.07E+01	1.15E+01	NA	NA	NA						
MW-60-72	Q4-2010	015	72.4	-59.9	11/16/2010	13:17	-2.51E+01	1.68E+02	3.98E+02	5.83E-02	5.15E-01	1.33E+00	2.12E+00	5.34E+00	1.26E+01	-3.92E+00	5.67E+00	1.09E+01	-1.14E+01	8.32E+00	1.89E+01	2.91E+02	ND	ND	ND	ND	MW-60-72
MW-60-72	Q1-2011	016	72.4	-59.9	2/10/2011	12:54	3.64E+02	3.76E+02	3.84E+02	2.41E-01	1.45E+00	1.70E+00	-5.10E-02	9.12E+00	1.01E+01	2.27E+00	8.84E+00	1.07E+01	2.12E+00	1.54E+01	1.75E+01						
MW-60-72	Q2-2011	017	72.4	-59.9	4/15/2011	13:12	2.19E+02	3.78E+02	4.13E+02	7.12E-01	1.72E+00	1.97E+00	-5.14E+00	6.54E+00	5.80E+00	-3.30E+00	1.14E+01	1.14E+01	-2.93E+00	1.39E+01	1.63E+01						
MW-60-72	Q3-2011	018	72.4	-59.9	8/10/2011	13:25	2.91E+02	2.23E+02	1.95E+02	1.22E-01	9.33E-01	1.14E+00	-4.08E+00	9.63E+00	1.00E+01	4.20E+00	8.40E+00	1.06E+01	NA	NA	NA						
MW-60-135	Q4-2010	015	134.9	-122.4	11/16/2010	13:22	2.41E+02	1.82E+02	3.96E+02	-4.96E-02	7.62E-01	1.88E+00	9.16E-01	5.37E+00	1.20E+01	1.02E+00	4.53E+00	1.03E+01	8.67E-01	8.52E+00	1.90E+01	4.04E+02	ND	ND	ND	ND	MW-60-135
MW-60-135	Q1-2011	016	134.9	-122.4	2/10/2011	13:04	3.98E+02	3.78E+02	3.83E+02	1.14E+00	1.82E+00	1.98E+00	1.72E+00	6.72E+00	7.79E+00	2.24E-01	7.44E+00	8.25E+00	-3.56E+00	1.52E+01	1.76E+01						
MW-60-135	Q2-2011	017	134.9	-122.4	4/15/2011	13:25	4.14E+02	4.02E+02	4.12E+02	6.52E-01	1.90E+00	2.16E+00	-6.83E+00	1.39E+01	1.63E+01	-2.48E+00	9.86E+00	1.01E+01	4.64E+00	1.47E+01	1.65E+01						
MW-60-135	Q3-2011	018	134.9	-122.4	8/10/2011	13:51	4.00E+02	2.46E+02	1.96E+02	-2.08E-01	9.78E-01	1.25E+00	-7.37E+00	9.39E+00	8.24E+00	-6.27E+00	1.07E+01	9.07E+00	NA	NA	NA						
MW-60-154	Q4-2010	015	154.4	-141.9	11/16/2010	13:40	4.68E+02	1.94E+02	3.98E+02	3.29E-01	8.30E-01	1.94E+00	-5.28E+00	4.02E+00	7.52E+00	-2.29E-01	5.09E+00	1.11E+01	-4.54E+00	7.93E+00	1.78E+01	5.34E+02	ND	ND	ND	ND	MW-60-154
MW-60-154	Q1-2011	016	154.4	-141.9	2/10/2011	12:53	5.44E+02	4.02E+02	3.87E+02	2.32E-02	8.50E-01	1.07E+00	-4.12E+00	9.26E+00	8.97E+00	9.91E-01	7.86E+00	9.12E+00	4.61E+00	1.52E+01	1.71E+01						
MW-60-154	Q2-2011	017	154.4	-141.9	4/15/2011	13:19	3.06E+02	3.96E+02	4.21E+02	-4.20E-01	1.53E+00	2.02E+00	-2.09E+00	7.62E+00	7.82E+00	-7.25E-01	6.50E+00	6.79E+00	1.62E+00	1.44E+01	1.64E+01						
MW-60-154	Q3-2011	018	154.4	-141.9	8/10/2011	13:22	5.89E+02	2.81E+02	1.97E+02	-5.08E-02	1.13E+00	1.40E+00	-1.03E+00	8.01E+00	8.47E+00	2.98E+00	9.03E+00	1.07E+01	NA	NA	NA						
MW-60-176	Q4-2010	015	175.9	-163.4	11/16/2010	14:06	8.33E+02	2.10E+02	3.97E+02	9.07E-01	9.42E-01	2.10E+00	-1.97E+00	4.38E+00	9.04E+00	2.85E+00	4.70E+00	1.12E+01	-6.40E+00	7.91E+00	1.78E+01	9.56E+02	ND	ND	ND	ND	MW-60-176
MW-60-176	Q1-2011	016	175.9	-163.4	2/10/2011	10:31	1.12E+03	4.68E+02	3.85E+02	2.58E-01	1.49E+00	1.74E+00	4.88E+00	1.13E+01	6.69E+00	-1.75E+00	6.70E+00	6.74E+00	7.24E+00	1.62E+01	1.79E+01						
MW-60-176	Q2-2011	017	175.9	-163.4	4/15/2011	13:49	8.99E+02	4.66E+02	4.18E+02	-8.29E-01	1.41E+00	2.10E+00	-7.83E-02	9.90E+00	1.10E+01	-2.35E+00	1.02E+01	1.03E+01	-2.40E-01	1.40E+01	1.62E+01						
MW-60-176	Q3-2011	018	175.9	-163.4	8/10/2011	14:12	9.72E+02	3.42E+02	2.00E+02	-1.79E-01	9.21E-01	1.22E+00	-3.87E+00	7.74E+00	7.27E+00	-1.71E-01	8.91E+00	9.60E+00	NA	NA	NA						
MW-62-18	Q4-2010	015	13.5	1.2	11/9/2010	11:57	7.48E+01	1.71E+02	3.86E+02	-1.05E-02	6.10E-01	1.54E+00	2.87E+00	4.59E+00	1.07E+01	-6.86E-01	4.79E+00	1.01E+01	NA	NA	NA	4.04E+02	1.26E+00	ND	ND	NA	MW-62-18
MW-62-18	Q1-2011	016	13.5	1.2	2/24/2011	12:49	1.81E+02	3.60E+02	4.00E+02	-3.86E-01	1.71E+00	2.13E+00	2.12E-01	4.74E+00	5.18E+00	3.58E+00	5.46E+00	6.78E+00	NA	NA	NA						
MW-62-18	Q2-2011	017	13.5	1.2	4/13/2011	11:58	3.25E+02	4.56E+02	4.92E+02	7.82E-01	1.54E+00	1.71E+00	-4.38E+00	1.00E+01	1.09E+01	-4.07E-01	1.06E+01	1.16E+01	NA	NA	NA						
MW-62-18	Q2-2011 Mid	018	13.5	1.2	7/22/2011	11:35	2.00E+02	4.02E+02	4.45E+02	1.26E+00	1.24E+00	1.25E+00	4.94E+00	9.42E+00	1.14E+01	-1.79E+00	1.05E+01	1.08E+01	-3.83E+00	1.96E+01	2.20E+01						
MW-62-18	Q3-2011	019	13.5	1.2	8/3/2011	10:18	4.04E+02	3.39E+02	3.53E+02	2.03E-01	1.37E+00	1.74E+00	-1.12E+00	8.70E+00	9.13E+00	4.76E+00	9.81E+00	1.21E+01	NA	NA	NA						
MW-62-37	Q4-2010	015	34.5	-19.8	11/9/2010	11:56	6.09E+02	1.70E+02	3.85E+02	7.62E-01	6.69E-01	1.47E+00	-8.46E-02	4.49E+00	9.91E+00	3.83E+00	4.28E+00	1.07E+01	NA	NA	NA	ND	ND	ND	ND	NA	MW-62-37
MW-62-37	Q1-2011	016	34.5	-19.8	2/24/2011	12:52	3.05E+02	3.76E+02	4.00E+02	5.14E-01	1.84E+00	2.13E+00	1.07E+00	6.06E+00	6.86E+00	-2.84E+00	6.38E+00	6.28E+00	NA	NA	NA						
MW-62-37	Q2-2011	017	34.5	-19.8	4/13/2011	12:10	1.56E+02	4.36E+02	4.91E+02	-1.97E-01	1.08E+00	1.37E+00	-4.48E+00	8.32E+00	7.76E+00	-1.68E+00	9.02E+00	9.05E+00	NA	NA	NA						
MW-62-37	Q2-2011 Mid	018	34.5	-19.8	7/22/2011	12:28	1.15E+02	3.90E+02	4.42E+02	1.03E+00	1.60E+00	1.73E+00	-3.64E+00	7.95E+00	8.03E+00	2.96E+00	1.10E+01	1.30E+01	-8.92E+00	1.85E+01	2.09E+01						
MW-62-37	Q3-2011	019	34.5	-19.8	8/3/2011	10:35	3.09E+02	3.33E+02	3.52E+02	1.23E+00	1.81E+00	1.96E+00	3.02E+00	6.69E+00	8.03E+00	2.71E+00	8.55E+00	1.01E+01	NA	NA	NA						
MW-62-53	Q4-2010	014	53.1	-40.3	11/9/2010	12:49	2.05E+02	1.77E+02	3.88E+02	8.32E-02	6.79E-01	1.59E+00	-4.23E+00	4.83E+00	9.52E+00	-2.68E+00	5.26E+00	1.04E+01	NA	NA	NA	4.12E+02	ND	ND	ND	NA	MW-62-53
MW-62-53	Q1-2011	015	53.1	-40.3	2/24/2011	12:57	3.08E+02	3.78E+02	4.03E+02	8.98E-01	1.94E+00	2.18E+00	-2.62E-01	4.72E+00	5.23E+00	-1.84E+00	5.58E+00	5.81E+00	NA	NA	NA						
MW-62-53	Q2-2011	016	53.1	-40.3	4/13/2011	11:32	1.57E+02	4.36E+02	4.92E+02	1.72E+00	1.79E+00	1.84E+00	5.42E-01	6.78E+00	7.51E+00	-3.00E-01	6.24E+00	6.58E+00	NA	NA	NA						
MW-62-53	Q2-2011 Mid	017	53.1	-40.3	7/22/2011	10:47	1.60E+02	3.96E+02	4.45E+02	-4.83E-01	1.07E+00	1.58E+00	4.34E+00	7.86E+00	9.52E+00	1.66E+00	8.85E+00	1.02E+01	-1.60E+01	1.79E+01	2.05E+01						
MW-62-53	Q3-2011	018	53.1	-40.3	8/3/2011	12:44	4.12E+02	3.42E+02	3.00E+02	1.52E-01	1.46E+00	1.75E+00	2.87E+00	7.59E+00	9.04E+00	3.15E+00	8.76E+00	1.06E+01	NA	NA	NA						
MW-62-71	Q4-2010	015	71.1	-58.3	11/9/2010	11:02	4.17E+02	1.83E+02	3.82E+02	-6.74E-02	6.02E-01	1.52E+00	-6.58E-01	3.90E+00	8.41E+00	-4.59E+00	5.63E+00	1.09E+01	NA	NA	NA	4.90E+02	ND	ND	ND	NA	MW-62-71
MW-62-71	Q1-2011	016	71.1	-58.3	2/24/2011	12:40	5.38E+02	4.06E+02	4.03E+02	1.28E-01	1.22E+00	1.48E+00	4.10E+00	1.18E+01	6.67E+00	-2.36E-01	5.00E+00	5.47E+00	NA	NA	NA						
MW-62-71	Q2-2011	017	71.1	-58.3	4/13/2011	11:15	3.39E+02	4.72E+02	5.08E+02	9.04E-01	1.45E+00	1.58E+00	2.33E+00	7.96E+00	9.27E+00	-2.38E+00	8.50E+00	8.56E+00	NA	NA	NA						
MW-62-71	Q2-2011 Mid	018	71.1	-58.3	7/22/2011	10:12	4.21E+02	4.26E+02	4.44E+02	-3.90E-01	1.36E+00	1.90E+00	-7.29E-02	7.74E+00	8.31E+00	-7.90E-01	8.28E+00	8.59E+00	-6.70E+00	1.89E+01	2.13E+01						
MW-62-71	Q3-2011	019	71.1	-58.3	8/3/2011	11:58	5.14E+02	3.69E+02	3.07E+02	3.49E-01	1.39E+00	1.65E+00	-7.31E-01	1.01E+01	1.10E+01	2.51E+00	1.04E+01	1.20E+01	NA	NA	NA						
MW-62-92	Q4-2010	015	91.6	-78.8	11/9/2010	11:15	4.82E+02	1.88E+02	3.86E+02	-9.75E-01	7.72E-01	1.95E+00	-2.96E+00	5.42E+00	1.17E+01	1.77E+00	4.84E+00	1.12E+01	NA	NA	NA	5.24E+02	ND	ND	ND	NA	MW-62-92
MW-62-92	Q1-2011	016	91.6	-78.8	2/24/2011	12:39	5.09E+02	4.00E+02	4.02E+02	9.56E-01	1.85E+00	2.06E+00	1.68E+00	5.38E+00	6.27E+00	-1.45E+00	5.68E+00	5.86E+00	NA	NA	NA						
MW-62-92	Q2-2011	017	91.6	-78.8	4/13/2011	11:03	5.06E+02	4.78E+02	4.92E+02	2.87E-01	1.11E+00	1.30E+00	-2.87E+00	7.18E+00	7.31E+00	-2.10E+00	8.94E+00	8.88E+00	NA	NA	NA						
MW-62-92	Q2-2011 Mid	018	91.6	-78.8	7/22/2011	10:18	5.61E+02	4.35E+02	4.39E+02	-1.12E+00	1.52E+00	2.06E+00	5.26E+00	9.42E+00	1.13E+01	-7.24E-02	9.48E+00	1.05E+01	-6.69E+00	1.76E+01	1.99E+01						
MW-62-92	Q3-2011	019	91.6	-78.8	8/3/2011	12:10	5.61E+02	3.78E+02	3.03E+02	-3.26E-01	1.09E+00	1.52E+00	3.82E+00	1.46E+01	9.22E+00	-5.05E+00	1.17E+01	1.15E+01	NA	NA	NA						
MW-62-138	Q4-2010	015	138.1	-125.3	11/9/2010	14:31	3.31E+02	2.07E+02	4.46E+02	-1.05E-01	6.18E-01	1.57E+00	-1.42E+00	4.04E+00	8.57E+00	2.51E+00	4.68E+00	1.11E+01	NA	NA	NA	7.59E+02	2.15E+00	ND	ND	NA	MW-62-138
MW-62-138	Q1-2011	016	138.1	-125.3	2/24/2011	14:54	5.17E+02	4.00E+02	4.01E+02	2.15E+00	1.77E+00	1.75E+00	-1.67E+00	4.72E+00	4.94E+00	1.88E+00	7.04E+00	8.19E+00	NA	NA	NA						
MW-62-138	Q2-2011	017	138.1	-125.3	4/13/2011	14:39	6.31E+02	5.04E+02	5.09E+02	1.22E+00	1.29E+00	1.32E+00	1.29E+00	9.08E+00	1.04E+01	1.71E+00	8.82E+00	1.02E+01	NA	NA	NA						
MW-62-138	Q2-2011 Mid	018	138.1	-125.3	7/22/2011	11:50	4.66E+02	4.23E+02	4.36E+02	6.72E-01	1.20E+00	1.32E+00	-5.97E-01	7.41E+00	8.13E+00	6.36E+00	9.57E+00	1.23E+01	-1.13E+01	1.79E+01	2.03E+01						
MW-62-138	Q3-2011	019	138.1	-125.3	8/3/2011	10:08	1.42E+03	5.46E+02	3.34E+02	1.53E+00	1.69E+00	1.73E+00	2.51E-01	9.48E+00	1.05E+01	1.35E+00	8.40E+00	9.73E+00	NA	NA	NA						
MW-62-182	Q4-2010	015	182.1	-169.3	11/9/2010	14:43	4.76E+02	1.88E+02	3.87E+02	1.02E+00	6.77E-01	1.46E+00	-2.35E+00	4.16E+00	8.56E+00	1.99E+00	5.26E+00	1.21E+01	NA	NA	NA	5.30E+02	ND	ND	ND	NA	MW-62-182
MW-62-182	Q1-2011	016	182.1	-169.3	2/24/2011	15:07	3.55E+02	3.84E+02	4.03E+02	-1.46E-01	1.45E+00	1.94E+00	-1.95E+00	6.24E+00	6.60E+00	5.86E-01	6.60E+00	7.33E+00	NA	NA	NA						
MW-62-182	Q2-2011	017	182.1	-169.3	4/13/2011	14:44	1.92E+02	4.50E+02	5.03E+02	-5.04E-01	1.05E+00	1.45E+00	5.54E+00	8.70E+00	1.09E+01	-9.44E-01	1.08E+01	1.15E+01	NA	NA	NA						
MW-62-182	Q2-2011 Mid	018	182.1	-169.3	7/22/2011	12:02	2.90E+02	4.20E+02	4.54E+02	2.09E-01	1.22E+00	1.47E+00	6.48E-01	7.41E+00	8.36E+00	-5.94E-01	7.65E+00	8.31E+00	-2.27E+00	1.56E+01	1.75E+01						
MW-62-182	Q3-2011	019	182.1	-169.3	8/3/2011	10:20	5.84E+02	3.84E+02	3.05E+02	2.04E-01	1.47E+00	1.75E+00	-5.99E+00	1.25E+01	1.14E+01	-2.96E-01	1.13E+01	1.24E+01	NA	NA	NA						
MW-63-18	Q4-2010	015	14.9	0.7	11/2/2010	12:22	1.97E+02	1.18E+02	1.13E+02	1.31E-01	6.87E-01	8.18E-01	1.81E+00	5.46E+00	6.40E+00	3.45E+00	6.55E+00	8.07E+00	NA	NA	NA	3.44E+02	ND	ND	ND	NA	MW-63-18
MW-63-18	Q1-2011	016	14.9	0.7	3/2/2011	11:10	4.90E+02	3.58E+02	3.55E+02	-4.34E-01	1.50E+00	2.03E+00	1.82E+00	6.78E+00	7.90E+00	2.40E+00	7.38E+00	8.82E+00	NA	NA	NA						
MW-63-18	Q2-2011	017	14.9	0.7	4/19/2011	10:35	7.23E+01	4.38E+02	5.05E+02	-3.13E-01	1.13E+00	1.49E+00	8.69E-01	8.04E+00	8.92E+00	-3.22E+00	8.16E+00	7.75E+00	NA	NA	NA						
MW-63-18	Q2-2011 Mid	018	14.9	0.7	7/21/2011	10:26	2.96E+02	3.99E+02	4.29E+02	6.58E-02	1.19E+00	1.50E+00	2.40E+00	7.62E+00	9.09E+00	2.37E+00	7.53E+00	9.30E+00	-8.91E+00	1.69E+01	1.92E+01						
MW-63-18	Q3-2011	019	14.9	0.7	8/3/2011	10:02	2.90E+02	3.15E+02	3.03E+02	-1.29E-01	1.20E+00	1.57E+00	1.70E+00	6.87E+00	7.90E+00	3.80E+00	8.58E+00	1.05E+01	NA	NA	NA						
MW-63-34	Q4-2010	015	31.5	-17.3	11/2/2010	13:04	3.41E+02	1.35E+02	1.14E+02	3.11E-01	5.72E-01	6.45E-01	1.16E-01	5.66E+00	6.29E+00	-2.31E+00	6.33E+00	6.51E+00	NA	NA	NA	3.33E+02	ND	ND	ND	NA	MW-63-34
MW-63-34	Q1-2011	016	31.5	-17.3	3/2/2011	10:50	2.98E+02	2.86E+02	2.62E+02	-4.29E-01	1.57E+00	2.11E+00	7.43E-02	7.96E+00	8.82E+00	-2.10E+00	8.42E+00	8.59E+00	NA	NA	NA						
MW-63-34	Q2-2011	017	31.5	-17.3	4/19/2011	10:25	3.94E+02	4.60E+02	4.87E+02	-1.13E+00	1.22E+00	1.83E+00	4.36E+00	8.34E+00	9.94E+00	3.72E+00	8.28E+00	1.02E+01	NA	NA	NA						
MW-63-34	Q2-2011 Mid	018	31.5	-17.3	7/21/2011	10:08	3.04E+02	4.08E+02	4.39E+02	2.38E-01	1.17E+00	1.42E+00	-1.34E+00	9.03E+00	9.54E+00	1.66E-01	7.89E+00	8.63E+00	-1.26E+01	1.28E+01	1.47E+01						
MW-63-34	Q3-2011	019	31.5	-17.3	8/3/2011	10:14	3.61E+02	3.30E+02	3.02E+02	1.90E-01	1.37E+00	1.66E+00	8.99E+00	9.09E+00	1.15E+01	-7.29E-01	8.16E+00	8.53E+00	NA	NA	NA						
MW-63-50	Q4-2010	015	49.5	-37.2	11/2/2010	15:07	3.29E+02	1.31E+02	1.12E+02	2.27E-01	6.23E-01	7.23E-01	-2.98E-02	7.72E+00	8.42E+00	2.76E+00	8.00E+00	9.78E+00	NA	NA	NA	3.71E+02	ND	ND	ND	NA	MW-63-50
MW-63-50

TABLE 3
THIRD QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]														YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)							
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	TRITIUM (pCi/L) Average	Sr-90 (pCi/L) Average	Cs-137 (pCi/L) Average	Co-60 (pCi/L) Average	Ni-63 (pCi/L) Average	
MW-63-163	Q4-2010	015	162.5	-150.2	11/2/2010	11:49	4.44E+02	1.41E+02	1.10E+02	7.71E-01	8.38E-01	8.77E-01	-3.99E+00	9.88E+00	1.10E+01	2.94E+00	6.12E+00	7.63E+00	NA	NA	NA	5.00E+02	ND	ND	ND	NA	MW-63-163
MW-63-163	Q1-2011	016	162.5	-150.2	3/2/2011	10:27	6.05E+02	3.76E+02	2.95E+02	1.37E+00	1.99E+00	2.12E+00	3.09E+00	5.40E+00	6.62E+00	-2.05E+00	7.72E+00	7.12E+00	NA	NA	NA						
MW-63-163	Q2-2011	017	162.5	-150.2	4/19/2011	9:49	4.92E+02	4.84E+02	5.03E+02	1.11E+00	1.82E+00	2.00E+00	4.43E-01	8.94E+00	9.98E+00	4.78E+00	1.02E+01	1.26E+01	NA	NA	NA						
MW-63-163	Q2-2011 Mid	018	162.5	-150.2	7/21/2011	10:09	5.08E+02	4.26E+02	4.36E+02	-6.14E-01	1.01E+00	1.48E+00	-8.47E-01	7.47E+00	8.17E+00	4.07E-01	7.53E+00	8.66E+00	-8.69E+00	1.47E+01	1.67E+01						
MW-63-163	Q3-2011	019	162.5	-150.2	8/3/2011	10:06	4.41E+02	3.54E+02	3.08E+02	7.99E-02	1.35E+00	1.69E+00	5.51E-01	8.40E+00	9.33E+00	2.23E+00	1.03E+01	1.20E+01	NA	NA	NA						
MW-63-174	Q4-2010	015	174	-161.7	11/2/2010	11:50	2.63E+02	1.26E+02	1.13E+02	-1.42E-01	4.59E-01	6.06E-01	-6.01E-01	6.03E+00	6.82E+00	2.17E-01	6.42E+00	7.11E+00	NA	NA	NA	4.28E+02	ND	ND	ND	NA	MW-63-174
MW-63-174	Q1-2011	016	174	-161.7	3/2/2011	10:26	4.13E+02	3.30E+02	2.91E+02	8.20E-01	1.80E+00	2.03E+00	3.65E+00	6.96E+00	8.18E+00	2.34E+00	7.86E+00	9.20E+00	NA	NA	NA						
MW-63-174	Q2-2011	017	174	-161.7	4/19/2011	9:52	1.56E+02	4.48E+02	5.04E+02	-7.87E-01	9.72E-01	1.48E+00	-6.41E+00	8.32E+00	7.72E+00	-9.85E-01	8.58E+00	9.20E+00	NA	NA	NA						
MW-63-174	Q2-2011 Mid	018	174	-161.7	7/21/2011	9:57	4.14E+02	4.17E+02	4.36E+02	6.96E-01	1.85E+00	2.10E+00	-3.57E+00	8.10E+00	8.27E+00	4.67E-01	9.36E+00	1.09E+01	-2.55E+00	1.33E+01	1.49E+01						
MW-63-174	Q3-2011	019	174	-161.7	8/3/2011	10:18	6.09E+02	3.93E+02	3.09E+02	6.96E-01	1.49E+00	1.68E+00	-4.15E+00	9.15E+00	8.88E+00	4.51E+00	8.19E+00	1.05E+01	NA	NA	NA						
MW-65-48	Q2-2011 Mid	002	43.3	26.356	7/7/2011	12:19	8.59E+01	2.43E+02	2.85E+02	5.73E-01	1.04E+00	1.15E+00	4.10E+00	9.03E+00	1.09E+01	-1.15E+00	1.12E+01	1.18E+01	-5.93E+00	2.39E+01	2.69E+01	ND	ND	ND	ND	ND	MW-65-48
MW-65-80	Q2-2011 Mid	003	71.4	-1.659	7/13/2011	10:12	8.54E+01	2.41E+02	2.84E+02	1.26E-01	9.24E-01	1.12E+00	-2.33E+00	9.12E+00	9.46E+00	2.88E+00	1.15E+01	1.34E+01	-1.27E+01	2.00E+01	2.29E+01	ND	ND	ND	ND	ND	MW-65-80
MW-66-21	Q4-2010	015	14.1	0	11/10/2010	15:13	3.22E+02	1.64E+02	3.46E+02	2.57E-01	7.74E-01	1.84E+00	6.04E+00	5.26E+00	1.28E+01	-1.91E-01	5.67E+00	1.26E+01	9.56E+00	8.45E+00	1.85E+01	6.31E+02	ND	ND	ND	ND	MW-66-21
MW-66-21	Q1-2011	016	14.1	0	1/31/2011	16:26	4.77E+02	4.08E+02	4.24E+02	3.48E-01	1.73E+00	2.02E+00	-2.19E-01	5.00E+00	5.33E+00	9.80E-01	6.50E+00	7.23E+00	-1.06E+00	1.84E+01	2.14E+01						
MW-66-21	Q2-2011	017	14.1	0	4/14/2011	13:43	9.30E+01	3.88E+02	4.46E+02	6.73E-01	1.64E+00	1.85E+00	-4.70E+00	8.74E+00	8.45E+00	6.94E+00	9.82E+00	1.25E+01	1.81E+00	1.51E+01	1.72E+01						
MW-66-21	Q3-2011	018	14.1	0	8/8/2011	10:55	7.84E+02	3.90E+02	3.73E+02	8.00E-01	1.44E+00	1.59E+00	-2.25E+00	8.16E+00	8.11E+00	3.27E-01	7.05E+00	7.73E+00	6.75E+00	9.00E+00	9.81E+00						
MW-66-36	Q4-2010	014	33.6	-19.5	11/10/2010	12:33	3.13E+03	2.96E+02	3.96E+02	7.43E+00	1.03E+00	1.13E+00	5.42E+00	3.87E+00	9.67E+00	7.18E-01	4.34E+00	9.81E+00	-4.23E+00	9.63E+00	2.16E+01	3.39E+03	1.04E+01	ND	ND	ND	MW-66-36
MW-66-36	Q1-2011	015	33.6	-19.5	1/31/2011	15:51	3.01E+03	6.78E+02	4.61E+02	1.55E+01	3.18E+00	2.11E+00	-1.13E+00	6.12E+00	6.49E+00	-8.31E-01	6.80E+00	7.15E+00	-4.89E+00	1.79E+01	2.12E+01						
MW-66-36	Q2-2011	016	33.6	-19.5	4/14/2011	12:53	3.52E+03	7.36E+02	4.79E+02	1.06E+01	2.88E+00	1.95E+00	1.50E-01	7.24E+00	8.14E+00	5.40E-01	7.92E+00	9.01E+00	6.10E-01	1.55E+01	1.79E+01						
MW-66-36	Q3-2011	017	33.6	-19.5	8/8/2011	10:49	3.90E+03	5.91E+02	3.74E+02	8.00E+00	2.60E+00	1.61E+00	-3.94E+00	1.11E+01	1.07E+01	1.48E+00	1.26E+01	1.46E+01	2.82E+00	1.53E+01	1.71E+01						
MW-67-39	Q4-2010	015	38.3	-25.8	11/10/2010	11:49	3.56E+03	3.09E+02	3.95E+02	5.43E+00	8.85E-01	1.10E+00	1.04E+00	3.96E+00	8.88E+00	2.82E+00	4.30E+00	1.04E+01	-1.86E+00	9.87E+00	2.21E+01	3.69E+03	9.74E+00	ND	ND	ND	MW-67-39
MW-67-39	Q1-2011	016	38.3	-25.8	2/7/2011	13:48	3.85E+03	7.60E+02	4.81E+02	1.57E+01	3.34E+00	1.83E+00	8.03E-02	6.18E+00	6.83E+00	6.64E-01	6.78E+00	7.57E+00	4.43E+00	1.97E+01	2.23E+01						
MW-67-39	Q2-2011	017	38.3	-25.8	4/14/2011	13:25	3.73E+03	7.14E+02	4.17E+02	1.25E+01	3.76E+00	2.10E+00	4.53E+00	8.78E+00	1.04E+01	3.71E+00	9.54E+00	1.14E+01	6.99E+00	1.47E+01	1.63E+01						
MW-67-39	Q3-2011	018	38.3	-25.8	8/8/2011	12:26	3.62E+03	5.76E+02	3.73E+02	5.31E+00	2.39E+00	1.98E+00	-3.01E+00	8.34E+00	8.17E+00	-7.13E+00	8.22E+00	7.50E+00	5.90E+00	1.71E+01	1.90E+01						
MW-67-105	Q4-2010	014	104.8	-92.3	11/10/2010	11:42	1.14E+03	2.24E+02	3.95E+02	1.41E+00	8.12E-01	1.69E+00	-1.68E+00	3.59E+00	7.64E+00	-3.12E+00	4.14E+00	8.26E+00	1.24E+00	8.56E+00	1.90E+01	1.16E+03	ND	ND	ND	ND	MW-67-105
MW-67-105	Q1-2011	015	104.8	-92.3	2/7/2011	13:57	9.94E+02	4.26E+02	3.86E+02	3.37E-01	1.64E+00	1.94E+00	2.40E+00	4.84E+00	5.67E+00	-1.22E+00	4.86E+00	4.81E+00	-4.59E+00	1.96E+01	2.31E+01						
MW-67-105	Q2-2011	016	104.8	-92.3	4/14/2011	13:43	1.10E+03	4.84E+02	4.12E+02	2.70E-01	1.72E+00	2.11E+00	-3.96E-01	9.66E+00	1.05E+01	-1.91E-01	7.24E+00	7.88E+00	5.71E+00	1.55E+01	1.73E+01						
MW-67-105	Q3-2011	017	104.8	-92.3	8/8/2011	12:48	1.42E+03	4.38E+02	3.74E+02	7.40E-01	1.71E+00	1.92E+00	-4.93E-01	7.77E+00	8.36E+00	-6.18E+00	8.67E+00	7.26E+00	6.67E+00	1.25E+01	1.38E+01						
MW-67-173	Q4-2010	015	172.3	-159.8	11/10/2010	12:04	6.25E+02	2.01E+02	3.97E+02	-9.99E-01	6.33E-01	1.86E+00	4.02E-01	7.80E+00	1.12E+01	-1.17E+00	4.83E+00	1.03E+01	-1.65E+00	8.09E+00	1.81E+01	6.03E+02	ND	ND	ND	ND	MW-67-173
MW-67-173	Q1-2011	016	172.3	-159.8	2/7/2011	14:13	4.47E+02	4.48E+02	4.65E+02	-2.38E-01	1.68E+00	2.12E+00	-4.75E-01	5.28E+00	5.83E+00	7.55E-01	6.38E+00	5.76E+00	-7.05E-01	1.88E+01	2.18E+01						
MW-67-173	Q2-2011	017	172.3	-159.8	4/14/2011	14:09	5.72E+02	4.20E+02	4.10E+02	-2.56E-01	1.69E+00	1.99E+00	5.04E+00	9.64E+00	1.17E+01	-9.27E+00	1.03E+01	6.85E+00	7.50E+00	1.23E+01	1.34E+01						
MW-67-173	Q3-2011	018	172.3	-159.8	8/8/2011	12:53	6.13E+02	3.75E+02	3.72E+02	-3.44E-01	1.55E+00	1.94E+00	-1.95E+00	8.79E+00	9.16E+00	1.25E+00	8.70E+00	9.80E+00	4.91E+00	1.20E+01	1.33E+01						
MW-67-219	Q4-2010	014	218.8	-206.3	11/10/2010	13:40	1.15E+03	2.24E+02	3.96E+02	3.53E-01	7.28E-01	1.78E+00	-2.80E-01	3.60E+00	7.62E+00	2.49E-01	3.62E+00	7.89E+00	-4.41E+00	8.84E+00	1.98E+01	9.93E+02	ND	ND	ND	ND	MW-67-219
MW-67-219	Q1-2011	015	218.8	-206.3	1/31/2011	14:48	6.41E+02	4.18E+02	4.20E+02	-1.08E+00	1.42E+00	1.97E+00	9.72E-01	5.80E+00	6.44E+00	2.44E+00	5.46E+00	6.55E+00	-4.58E+00	1.81E+01	2.14E+01						
MW-67-219	Q2-2011	016	218.8	-206.3	4/14/2011	10:49	1.07E+03	4.78E+02	4.12E+02	-7.57E-01	9.50E-01	1.53E+00	-2.70E+00	6.62E+00	6.47E+00	4.16E+00	6.78E+00	1.20E+01	2.95E+00	1.43E+01	1.62E+01						
MW-67-219	Q3-2011	017	218.8	-206.3	8/8/2011	10:33	1.11E+03	4.17E+02	3.73E+02	3.18E-02	1.61E+00	1.90E+00	8.34E-01	7.41E+00	8.13E+00	-6.37E+00	9.30E+00	8.11E+00	1.06E+01	1.64E+01	1.79E+01						
MW-67-276	Q4-2010	014	275.3	-262.8	11/10/2010	14:16	1.01E+03	2.18E+02	3.96E+02	-7.85E-01	5.64E-01	1.77E+00	1.94E+00	4.26E+00	9.92E+00	-5.48E+00	4.42E+00	7.40E+00	5.46E+00	8.55E+00	1.89E+01	9.61E+02	ND	ND	ND	ND	MW-67-276
MW-67-276	Q1-2011	015	275.3	-262.8	1/31/2011	14:31	8.75E+02	4.18E+02	3.87E+02	-2.57E-02	1.66E+00	2.03E+00	-2.56E+00	8.76E+00	8.16E+00	6.49E-01	6.48E+00	7.20E+00	-7.18E-01	1.92E+01	2.22E+01						
MW-67-276	Q2-2011	016	275.3	-262.8	4/14/2011	10:53	1.06E+03	4.84E+02	4.19E+02	3.46E-01	1.22E+00	1.45E+00	-5.30E+00	6.78E+00	6.12E+00	1.62E+00	1.02E+01	1.15E+01	5.62E-01	1.42E+01	1.63E+01						
MW-67-276	Q3-2011	017	275.3	-262.8	8/8/2011	10:45	8.99E+02	3.90E+02	3.63E+02	-3.98E-01	1.38E+00	1.82E+00	-3.35E-01	8.67E+00	9.58E+00	1.65E+00	9.24E+00	1.07E+01	1.22E+01	1.91E+01	2.10E+01						
MW-67-323	Q4-2010	014	322.3	-309.8	11/10/2010	14:03	3.88E+02	1.89E+02	3.94E+02	1.89E-01	8.21E-01	2.01E+00	2.70E+00	4.61E+00	1.06E+01	3.11E-01	5.07E+00	1.12E+01	-3.22E+00	7.93E+00	1.78E+01	4.26E+02	ND	ND	ND	ND	MW-67-323
MW-67-323	Q1-2011	015	322.3	-309.8	1/31/2011	15:04	3.38E+02	3.70E+02	3.90E+02	2.58E-01	1.71E+00	2.03E+00	2.47E-01	5.70E+00	6.35E+00	8.12E-03	5.80E+00	6.35E+00	-5.93E+00	1.90E+01	2.25E+01						
MW-67-323	Q2-2011	016	322.3	-309.8	4/14/2011	11:33	4.26E+02	4.06E+02	4.13E+02	1.05E+00	1.52E+00	1.62E+00	2.02E+00	8.36E+00	9.62E+00	-1.12E+00	7.80E+00	8.21E+00	-2.21E+01	1.30E+01	1.50E+01						
MW-67-323	Q3-2011	017	322.3	-309.8	8/8/2011	10:53	3.09E+02	3.51E+02	3.73E+02	1.75E+00	1.85E+00	1.91E+00	-6.64E-01	6.66E+00	7.23E+00	4.13E+00	8.82E+00	1.09E+01	-9.62E+00	2.15E+01	2.43E+01						
MW-67-340	Q4-2010	014	339.8	-327.3	11/10/2010	13:53	5.31E+02	1.97E+02	3.95E+02	-8.93E-01	5.00E-01	1.64E+00	1.72E+00	4.50E+00	1.03E+01	-2.97E+00	3.90E+00	7.25E+00	2.25E+00	8.84E+00	1.97E+01	5.35E+02	ND	ND	ND	ND	MW-67-340
MW-67-340	Q1-2011	015	339.8	-327.3	1/31/2011	14:53	2.75E+02	3.58E+02	3.83E+02	-7.06E-01	1.51E+00	1.99E+00	4.30E-01	6.34E+00	7.02E+00	-1.15E+00	6.54E+00	6.88E+00	-5.79E+00	1.85E+01	2.20E+01						
MW-67-340	Q2-2011	016	339.8	-327.3	4/14/2011	11:17	6.56E+02	4.32E+02	4.13E+02	2.62E-01	1.16E+00	1.40E+00	5.89E+00	9.02E+00	1.12E+01	4.57E+00	9.02E+00	1.15E+01	7.58E+00	1.54E+01	1.71E+01						
MW-67-340	Q3-2011	017	339.8	-327.3	8/8/2011	10:43	4.19E+02	3.60E+02	3.72E+02	-5.52E-01	1.49E+00	1.89E+00	-9.17E-01	7.92E+00	8.61E+00	-4.93E+00	1.06E+01	1.00E+01	6.17E+00	1.84E+01	2.05E+01						
MW-107	Q2-2011	010	32.7	110.1	5/2/2011	9:25	3.15E+02	3.76E+02	3.95E+02	8.29E-01	1.29E+00	1.40E+00	-3.56E+00	1.30E+01	1.65E+01	2.39E+00	6.84E+00	8.63E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-107
MW-108	Q2-2011 Mid	005	8.3	6.2	7/5/2011	15:08	1.24E+03	4.89E+02	2.90E+02	-9.21E-02	1.29E+00	1.55E+00	4.93E+00	9.84E+00	1.17E+01	-7.54E+00	8.49E+00	7.19E+00	-8.75E+00	2.32E+01	2.62E+01	1.51E+03	ND	ND	ND	ND	MW-108
MW-108	Q3-2011 Mid	006	8.3	6.2	8/29/2011	11:25	1.78E+03	5.73E+02	2.62E+02	-7.81E-01	7.89E-01	1.24E+00	-1.86E-01	1.19E+01	1.21E+01	-4.10E+00	1.13E+01	1.10E+01	2.65E+00	1.16E+01	1.30E+01						
MW-109	Q2-2011 Mid	005	8.5	6.1	7/5/2011	12:45	2.43E+03	6.36E+02	2.79E+02	2.60E-01	1.25E+00	1.45E+00	2.23E-01	8.67E+00	9.62E+00	-3.32E+00	7.74E+00	6.65E+00	3.57E+00	3.51E+01	3.92E+01	2.85E+03	ND	ND	ND	ND	MW-109
MW-109	Q3-2011 Mid	006	8.5	6.1	8/26/2011	13:49	3.26E+03	7.50E+02	2.59E+02	5.48E-01	1.01E+00	1.12E+00	2.37E+00	7.65E+00	8.94E+00	3.72E+00	9.60E+00	1.17E+01	-8.72E-01	8.73E+00	1.00E+01						
MW-111	Q4-2010	035	16.5	2.4	11/1/2010	14:55	4.59E+04	1.34E+03	1.27E+02	3.47E-01	5.90E-01	6.60E-01	-1.99E-01	5.63E+00	6.38E+00	5.49E+00	5.91E+00	7.75E+00	NA	NA	NA	4.59E+04	ND	ND	ND	NA	MW-111
U3-3	Q2-2011 Mid	014			7/13/2011	12:28	6.73E+02	3.81E+02	2.81E+02	-3.49E-01	8.13E-01	1.19E+00	-4.64E-01	8.01E+00	8.64E+00	-3.52E+00	8.61E+00	8.20E+00	NA	NA	NA	8.52E+02	ND	ND	ND	NA	U3-3
U3-3	Q3-2011 Mid	015			8/29/2011	13:09	1.03E+03	4.56E+02	2.66E+02	-5.04E-01	6.63E-01	1.06E+00	-2.50E+00	8.55E+00	7.82E+00	-3.69E+00	7.74E+00	7.12E+00	NA	NA	NA						
U3-4D	Q4-2010	026	25.6	-10.8	10/28/2010	14:04	7.12E+02	1.68E+02	1.13E+02	2.26E-01	4.89E-01	5.61E-01	2.75E+00	5.75E+00	6.97E+00	1.33E+00	7.82E+00	9.00E+00	NA	NA	NA	6.89E+02	ND	ND	ND	NA	U3-4D
U3-4D	Q1-2011	027	25.6	-10.8	2/17/2011	14:41	6.28E+02	4.14E+02	4.05E+02	-8.34E-02	1.55E+00	1.95E+00	1.24E+00	4.72E+00	5.29E+00	8.61E-01	4.84E+00	5.47E+00	NA	NA	NA						
U3-4D	Q2-2011	028	25.6	-10.8	4/25/2011	14:50	7.41E+02	4.36E+02	3.98E+02	1.18E+00	1.38E+00	1.46E+00	-3.17E+00	7.58E+00	7.50E+00	4.81E-01	7.14E+00	8.11E+00	NA	NA	NA						
U3-4D	Q2-2011 Mid	029	25.6	-10.8	7/14/2011	11:55	3.88E+02	4.20E+02	4.38E+02	1.24E-01	1.06E+00	1.26E+00	4.78E+00	1.13E+01	1.32E+01	3.12E+00	1.22E+01	1.46E+01	NA	NA	NA						
U3-4D	Q3-2011	030	25.6	-10.8	7/29/2011	11:05	6.73E+02	4.02E+02	3.04E+02	1.23E-01	1.58E+00	1.90E+00	5.66E+00	8.43E+00	1.05E+01	-2.58E+00	9.30E+00	9.06E+00	NA	NA	NA						
U3-4S	Q4-2010	002			10/29/2010	11:40	3.51E+02	1.32E+02	1.10E+02	3.86E-01	5.82E-01	6.43E-01	1.64E+00	5.59E+00	6.52E+00	-2.02E+00	5.91E+00	6.14E+00	NA	NA	NA	4.09E+02	ND	ND	ND	NA	U3-4S
U3-4S	Q2-2011	003			4/25/2011	14:13	1.48E+02	3.78E+02	4.22E+02	6.69E-01	1.27E+00	1.41E+00	5.35E+00	8.82E+00	1.07E+01	1.75E+00	8.92E+00	1.03E+01	NA	NA	NA						
U3-4S	Q2-2011 Mid	004			7/14/2011	11:27	3.29E+02	4.11E+02	4.36E+02	1.06E+00	1.33E+00	1.40E+00	-2.41E+00	7.59E+00	7.88E+00	3.25E+00	7.65E+00	9.52E+00	NA	NA	NA						
U3-4S	Q3-2011	005			7/29/2011	10:06	4.67E+02	3.84E+02	3.43E+02	2.84E-01	1.64E+00	1.90E+00	9.19E+00	1.58E+01	9.23E+00	7.83E-01	1.02E+01	1.17E+01	NA	NA	NA						
U3-T1	Q4-2010	030	5.7	2.8	10/29/2010	16:04	3.04E+02	1.28E+02	1.10E+02	4.84E-02	6.36E-01	7.68E-01	-8.56E-01	6.04E+00	6.70E+00	1.59E+00	5.73E+00	6.79E+00	NA	NA	NA	6.85E+02	ND	ND	ND	NA	U3-T1
U3-T1	Q1-2011	031	5.7	2.8	2/22/2011	11:11	6.55E+02	4.08E+02	3.92E+02	1.62E+00	1.96E+00	2.02E+00	1.80E+00	1.05E+01	6.14E+00	2.12E+00	6.42E+00	7.54E+00	NA	NA	NA						
U3-T1	Q2-2011	032	5.7	2.8	5/6/2011	10:23	7.82E+02	5.16E+02	5.03E+02	-6.43E-02	9.94E-01	1.30E+00	-3.24E+00	9.12E+00	9.22E+00	8.49E-01	1.09E+01	1.21E+01	NA	NA	NA						
U3-T1	Q3-2011	033	5.7	2.8	8/22/2011	14:40	1.00E+03	3.42E+02	1.95E+02	-6.26E-02	1.10E+00	1.37E+00	-4.61E-01	8.70E+00	8.45E+00	-2.62E+00	8.31E+00	8.23E+00	NA	NA	NA						
U3-T2	Q4-2010	035	5.7	2.6	10/29/2010	11:22	1.47E+03	2.19E+02	1.11E+02	4.22E-01	6.79E-01	7.56E-01	-6.11E-02	5.42E+00	6.11E+00	3.00E+00	5.47E+00	6.89E+00	NA	NA	NA	2.58E+03	ND	ND	ND	NA	U3-T2
U3-T2	Q1-2011	036	5.7	2.6	2/22/2011	14:30	2.27E+03	4.92E+02	3.62E+02	1.82E+00	2.04E+00	2.05E+00	3.65E+00	6.08E+00	7.29E+00	5.97E-01	7.12E+00	7.85E+00	NA	NA	NA						
U3-T2	Q2-2011	037	5.7	2.6	5/6/2011	11:41	3.83E+03	6.42E+02	4.19E+02	3.27E-01	1.32E+00	1.58E+00	2.82E+00	7.26E+00	8.74E+00	5.77E-01	9.68E+00	1.08E+01	NA	NA	NA						
U3-T2	Q2-2011 Mid	038	5.7	2.6	7/8/2011	10:55	2.67E+03	6.63E+02	2.80E+02	4.75E-01	1.31E+00	1.50E+00	3.77E+00	1.08E+01	1.19E+01	-1.06E+00	1.02E+01	1.07E+01	NA	NA	NA						
U3-T2	Q3-2011	039	5.7	2.6	7/29/2011	12:32	2.65E+03	7.02E+02	3.34E+02	1.05E+00	1.81E+00	1.99E+00	-5.43E-01	8.49E+00	9.21E+00	2.63E+00	8.91E+00	1.07E+01	NA	NA	NA						
U1-CSS	Q4-2010	015	14	6.1	11/8/2010	14:56	2.26E+03	2.72E+02	1.26E+02	1.18E+01	1.45E+00	6.84E-01	2.29E+00	5.01E+00	5.93E+00	2.07E+00	5.61E+00	6.70E+00	3.16E-01	1.81E+01	2.13E+01	6.48E+03	1.06E+01	ND	ND	ND	U1-CSS
U1-CSS	Q2-2011	016	14	6.1	5/4/2011	13:24	6.38E+03	6.84E+02	3.40E+02	1.61E+01	2.70E+00	1.01E+00	3.29E+00	8.36E+00	9.79E+00	7.12E+00	9.42E+00	1.24E+01	-1.05E+01	1.55E+01	1.84E+01						
U1-CSS	Q2-2011 Mid	017	14	6.1	7/8/2011	13:33	1.08E+04	1.28E+03	2.79E+02	3.90E+00	1.82E+00	1.30E+00	3.84E-02	9.18E+00	1.01E+01	-3.60E+00	9.96E+00	1.06E+01	-3.20E+00	2.09E+01	2.34E+01						
U1-NCD	Q4-2010	009			10/20/2010	13:40	3.34E+03	3.23E+02	1.27E+02	3.88E+01	2.31E+00	6.39E-01	1.20E+04	1.47E+03	9.98E+00	-1.14E+00	4.96E+00	5.42E+00	2.31E+02	3.19E+01	2.23E+01	3.60E+03	6.48E+01	8.39E+03	ND	1.73E+02	U1-NCD
U1-NCD	Q3-2011	011			9/15/2011	11:45	3.86E+03	6.39E+02	3.99E+02	9.08E+01	7.80E+00	1.54E+00	4.77E+03	6.42E+02	8.81E+00	3.36E+00	4.68E+00	5.97E+00	1.14E+02	2.09E+01	1.82E+01						
U1-SFDS	Q4-2010	010			10/20/2010	8:45	4.82E+02	1.56E+02	1.26E+02	1.17E+01	1.83E+00	8.74E-01	7.99E+00	7.54E+00	5.78E+00	-8.31E-01	5.24E+00	5.67E+00	9.71E-01	1.86E+01	2.18E+01	1.29E+03	9.75E+00	8.61E+00	ND	ND	U1-SFDS
U1-SFDS	Q3-2011	013			9/15/2011	11:35	2.09E+03	5.25E+02	4.00E+02	7.79E+00	2.54E+00	1.39E+00	9.23E+00	6.72E+00	6.70E+00	1.14E+00	6.27E+00	7.16E+00	-4.97E+00	1.70E+01	1.95E+01						
I-2	Q4-2010	002			11/17/2010	14:25	1.74E+02	1.71E+02	3.78E+02	2.25E-01	6.25E-01	1.50E+00	-4.50E-01	5.04

TABLE 3
THIRD QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
B-6[7]	Q4-2010	010			11/8/2010	11:45	1.05E+02	1.33E+02	1.43E+02	1.43E-01	6.60E-01	7.68E-01	0.00E+00	5.04E+00	6.20E+00	-3.20E-01	4.70E+00	5.29E+00	NA	NA	NA	1.18E+03	ND	ND	ND	NA	B-6[7]
B-6	Q1-2011	011			2/28/2011	11:27	8.39E+02	3.90E+02	3.65E+02	6.28E-01	1.78E+00	2.05E+00	4.45E+00	5.82E+00	7.02E+00	-1.35E+00	6.50E+00	6.88E+00	NA	NA	NA						
B-6	Q2-2011	012			4/25/2011	9:48	2.68E+03	6.18E+02	4.53E+02	-6.69E-01	1.58E+00	2.09E+00	-1.31E-01	8.56E+00	9.08E+00	4.73E+00	1.06E+01	1.35E+01	NA	NA	NA						
B-6	Q2-2011 Mid	013			7/8/2011	11:05	5.39E+02	3.54E+02	2.82E+02	1.32E+00	1.56E+00	1.63E+00	6.09E+00	1.58E+01	8.04E+00	-2.64E+00	8.97E+00	8.84E+00	NA	NA	NA						
B-6	Q3-2011	014			7/29/2011	10:52	6.45E+02	4.14E+02	3.38E+02	-2.59E-01	1.39E+00	1.79E+00	1.60E+00	7.74E+00	8.72E+00	4.72E+00	5.07E+00	7.82E+00	NA	NA	NA						

Notes:
1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. All analytical results from the last 12 months from each location are provided. Monitoring locations are sampled quarterly, bi-annually, or annually, and as necessary during the year.
3. Sampling depths within sampling intervals (i.e. location of pump intake) have been located adjacent to a transmissive zone where possible.
4. Averages provided are analytical result averages of all valid samples (including mid-quarter and confirmatory samples) collected from each monitoring location from the fourth quarter of 2010 (Q4-2010) to the third quarter of 2011 (Q3-2011) including the post Q3-2011 samples. Monitoring locations are sampled quarterly, bi-annually, or annually and additional samples are collected when necessary. Therefore, some results provided are the average of more than 4 samples. For quarters in which samples were reanalyzed due to potential false positives, both results were used to calculate averages if subsequent results confirmed the validity of the original sample/analysis. For cases in which reanalysis discredited the validity of the original sample result, the replacement results were used to calculate the average. If analytical results resulted in resampling, and the resample result discredited the validity of the original sample result of a particular radionuclide, the original sample results were not used for any radionuclides and only the resample result was used. For cases in which an aliquot of the original sample was reanalyzed, if the result of the aliquot confirmed the original result, then the aliquot result and the original result were averaged and the average of the two was used to calculate the rolling average. If the aliquot result indicated the original result was false, then only the aliquot result was used to calculate the rolling average.
5. NA indicates that the constituent was not analyzed.
6. ND indicates that all of the analytical results used to calculate the average were less than MDC and/or 3 times the 1 sigma uncertainty.
7. These locations are storm drains or foundation drains.
8. Mid-quarter samples were collected and analyzed to evaluate the potential effect of certain operations on groundwater quality.
9. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.

* The Q1 2011 MW-40-100, MW-40-127 and MW-51-189 Cs-137 results were verified by re-analysis. However, based on the available chemistry and Site hydrogeologic data, these values do not appear to be representative of the groundwater conditions at these sampling intervals.
** The Q2 2011 MW-40-46 preliminary Sr-90 result was 2.83 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.
*** The Post-Q3 2011 MW-58-65 preliminary Sr-90 result was 3.64 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.

See Page 6 for Notes

TABLE 3
FOURTH QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-30-69	Q1-2011	037	69.3	6.4	2/9/2011	12:17	1.01E+05	2.18E+03	2.98E+02	1.62E+00	1.93E+00	2.00E+00	1.87E+00	5.80E+00	6.74E+00	-1.13E-01	5.88E+00	6.44E+00	NA	NA	NA	1.08E+05	2.40E+00	ND	ND	NA	MW-30-69
MW-30-69	Q1-2011 Mid	038	69.3	6.4	3/31/2011	11:38	1.08E+05	3.40E+03	4.72E+02	-6.11E-01	1.63E+00	2.15E+00	2.48E+00	7.96E+00	9.14E+00	-1.41E+00	6.70E+00	6.46E+00	NA	NA	NA						
MW-30-69	Q2-2011	039	69.3	6.4	5/5/2011	12:08	1.13E+05	3.48E+03	3.99E+02	2.40E+00	1.37E+00	1.23E+00	2.46E+00	8.92E+00	1.03E+01	2.21E+00	9.58E+00	1.16E+01	NA	NA	NA						
MW-30-69	Q2-2011 Mid	040	69.3	6.4	7/11/2011	12:05	1.19E+05	4.23E+03	2.83E+02	-6.14E-02	7.62E-01	1.00E+00	3.56E+00	1.07E+01	1.24E+01	2.40E+00	1.19E+01	1.40E+01	NA	NA	NA						
MW-30-69	Q3-2011	041	69.3	6.4	8/9/2011	10:49	1.14E+05	3.45E+03	4.22E+02	1.02E+00	1.76E+00	1.92E+00	-7.63E-01	1.03E+01	1.15E+01	-2.42E+00	8.58E+00	8.50E+00	NA	NA	NA						
MW-30-69	Q4-2011	042	69.3	6.4	11/30/2011	11:20	9.12E+04	3.06E+03	4.87E+02	-4.56E-01	1.51E+00	1.96E+00	1.95E+00	7.71E+00	9.97E+00	2.82E+00	7.41E+00	1.11E+01	NA	NA	NA						
MW-30-84	Q1-2011	028	83.8	-8.1	2/9/2011	12:57	9.20E+03	8.86E+02	3.79E+02	1.12E+00	1.82E+00	1.98E+00	5.89E-01	4.74E+00	5.22E+00	1.09E+00	5.76E+00	6.49E+00	NA	NA	NA	7.94E+03	ND	ND	ND	NA	MW-30-84
MW-30-84	Q1-2011 Mid	029	83.8	-8.1	3/31/2011	12:03	9.04E+03	1.06E+03	4.74E+02	-4.78E-01	1.66E+00	2.13E+00	5.00E-01	1.12E+01	1.21E+01	-3.04E+00	9.48E+00	9.12E+00	NA	NA	NA						
MW-30-84	Q2-2011	030	83.8	-8.1	5/5/2011	12:58	7.57E+03	9.46E+02	3.92E+02	1.64E-01	1.15E+00	1.40E+00	3.00E+00	8.04E+00	9.35E+00	4.65E-02	7.14E+00	7.76E+00	NA	NA	NA						
MW-30-84	Q2-2011 Mid	031	83.8	-8.1	7/11/2011	12:45	7.55E+03	1.08E+03	2.82E+02	-3.75E-01	9.75E-01	1.29E+00	2.17E-01	7.89E+00	8.89E+00	1.39E+01	1.16E+01	1.59E+01	NA	NA	NA						
MW-30-84	Q3-2011	032	83.8	-8.1	8/9/2011	11:16	7.06E+03	7.05E+02	3.54E+02	-1.22E+00	1.28E+00	1.92E+00	-1.67E+00	7.08E+00	7.43E+00	-3.28E+00	9.63E+00	9.46E+00	NA	NA	NA						
MW-30-84	Q4-2011	033	83.8	-8.1	11/30/2011	11:37	7.24E+03	9.39E+02	4.80E+02	5.31E-02	1.45E+00	1.81E+00	-1.63E+00	9.48E+00	1.09E+01	-1.64E+00	1.05E+01	1.26E+01	NA	NA	NA						
MW-31-49	Q1-2011	029	48.8	26.8	2/9/2011	13:12	1.06E+03	3.40E+02	2.98E+02	-5.51E-01	1.76E+00	2.14E+00	1.39E+00	5.22E+00	6.02E+00	4.84E-01	5.26E+00	5.91E+00	NA	NA	NA	5.37E+03	ND	ND	ND	NA	MW-31-49
MW-31-49	Q1-2011 Mid	030	48.8	26.8	3/30/2011	12:33	4.31E+03	7.84E+02	4.65E+02	1.77E+00	2.04E+00	2.16E+00	-2.34E+00	7.80E+00	8.17E+00	-5.38E-01	9.18E+00	1.00E+01	NA	NA	NA						
MW-31-49	Q2-2011	031	48.8	26.8	4/18/2011	12:53	1.08E+03	5.20E+02	4.66E+02	4.98E-01	1.81E+00	2.09E+00	-1.82E+00	8.82E+00	9.22E+00	6.17E+00	8.70E+00	1.13E+01	NA	NA	NA						
MW-31-49	Q3-2011	033	48.8	26.8	8/5/2011	10:47	4.98E+03	7.80E+02	4.16E+02	-2.63E-02	1.34E+00	1.58E+00	6.39E+00	8.76E+00	1.10E+01	5.20E-01	1.06E+01	1.16E+01	NA	NA	NA						
MW-31-49	Q4-2011	034	48.8	26.8	11/21/2011	10:32	1.54E+04	9.78E+02	3.42E+02	-3.16E-01	1.08E+00	1.45E+00	0.00E+00	1.14E+01	9.96E+00	-3.55E+00	9.54E+00	1.08E+01	NA	NA	NA						
MW-31-63	Q1-2011	029	63.3	12.3	2/9/2011	13:14	2.46E+04	1.10E+03	2.98E+02	4.29E-01	1.78E+00	2.08E+00	-1.42E+00	6.46E+00	6.81E+00	-2.31E+00	6.42E+00	6.26E+00	NA	NA	NA	1.59E+04	ND	ND	ND	NA	MW-31-63
MW-31-63	Q1-2011 Mid	030	63.3	12.3	3/30/2011	13:13	1.33E+04	1.14E+03	4.53E+02	1.49E+00	1.87E+00	2.02E+00	8.76E-01	9.00E+00	9.97E+00	-1.92E-01	7.26E+00	7.92E+00	NA	NA	NA						
MW-31-63	Q2-2011	031	63.3	12.3	4/18/2011	13:21	1.81E+04	1.45E+03	4.67E+02	7.26E-01	1.84E+00	2.08E+00	-3.10E-01	7.62E+00	8.46E+00	1.76E+00	8.74E+00	1.03E+01	NA	NA	NA						
MW-31-63	Q3-2011	033	63.3	12.3	8/5/2011	11:29	1.63E+04	1.31E+03	4.18E+02	-1.30E-01	1.71E+00	2.02E+00	-2.83E-01	9.87E+00	1.12E+01	2.13E+00	9.24E+00	1.08E+01	NA	NA	NA						
MW-31-63	Q4-2011	034	63.3	12.3	11/21/2011	11:14	7.23E+03	9.00E+02	2.36E+02	1.36E+00	1.42E+00	1.40E+00	-2.72E+00	9.45E+00	1.09E+01	2.93E+00	8.19E+00	1.20E+01	NA	NA	NA						
MW-31-85	Q1-2011	029	84.8	-9.2	2/9/2011	13:03	4.83E+03	6.84E+02	3.82E+02	3.26E-01	1.79E+00	2.18E+00	3.19E+00	5.96E+00	7.08E+00	3.14E+00	6.06E+00	7.39E+00	NA	NA	NA	3.80E+03	ND	ND	ND	NA	MW-31-85
MW-31-85	Q1-2011 Mid	030	84.8	-9.2	3/30/2011	12:55	7.75E+02	4.66E+02	4.52E+02	9.37E-01	1.81E+00	2.00E+00	5.90E+00	1.31E+01	8.10E+00	6.43E+00	8.88E+00	1.17E+01	NA	NA	NA						
MW-31-85	Q2-2011	031	84.8	-9.2	4/18/2011	13:18	3.08E+03	6.96E+02	4.66E+02	-1.09E+00	1.46E+00	2.09E+00	-4.50E+00	9.34E+00	9.19E+00	3.84E+00	1.01E+01	1.22E+01	NA	NA	NA						
MW-31-85	Q3-2011	033	84.8	-9.2	8/5/2011	11:27	4.82E+03	7.74E+02	4.22E+02	1.39E-01	1.40E+00	1.63E+00	-8.79E-01	8.25E+00	8.80E+00	-4.79E+00	9.57E+00	8.27E+00	NA	NA	NA						
MW-31-85	Q4-2011	034	84.8	-9.2	11/21/2011	11:25	5.49E+03	6.33E+02	3.45E+02	9.56E-01	1.41E+00	1.50E+00	-3.23E+00	9.21E+00	1.04E+01	-6.05E-01	9.57E+00	1.22E+01	NA	NA	NA						
MW-32-59	Q1-2011	023	58.8	18.3	3/1/2011	11:28	4.39E+03	6.42E+02	3.59E+02	1.25E+00	1.49E+00	1.55E+00	6.56E-01	5.82E+00	6.63E+00	-4.41E-01	7.00E+00	7.58E+00	NA	NA	NA	1.82E+04	ND	ND	ND	NA	MW-32-59
MW-32-59	Q1-2011 Mid	024	58.8	18.3	3/31/2011	12:46	3.37E+04	1.96E+03	5.07E+02	-2.13E-01	1.15E+00	1.51E+00	8.24E-01	8.92E+00	9.96E+00	1.99E-02	1.02E+01	1.11E+01	NA	NA	NA						
MW-32-59	Q2-2011	025	58.8	18.3	4/27/2011	12:26	3.31E+03	6.36E+02	4.08E+02	4.03E-01	1.50E+00	1.74E+00	4.77E+00	8.64E+00	1.04E+01	-3.37E+00	9.58E+00	9.50E+00	NA	NA	NA						
MW-32-59	Q3-2011	027	58.8	18.3	8/5/2011	12:30	2.06E+04	1.47E+03	4.19E+02	1.64E+00	1.66E+00	1.71E+00	-3.73E+00	8.34E+00	8.04E+00	-1.05E+00	8.79E+00	9.24E+00	NA	NA	NA						
MW-32-59	Q4-2011	028	58.8	18.3	11/17/2011	14:15	2.91E+04	1.74E+03	2.26E+02	-1.28E+00	1.58E+00	2.33E+00	-3.91E+00	1.01E+01	1.18E+01	-1.58E+00	9.84E+00	1.21E+01	NA	NA	NA						
MW-32-85	Q1-2011	026	85.3	85.3	3/1/2011	12:05	1.34E+04	1.41E+03	2.62E+02	3.81E-01	1.41E+00	1.63E+00	7.79E-01	8.26E+00	9.36E+00	4.73E+00	9.72E+00	1.24E+01	NA	NA	NA	1.17E+04	ND	ND	ND	NA	MW-32-85
MW-32-85	Q1-2011 Mid	027	85.3	85.3	3/31/2011	13:18	1.32E+04	1.27E+03	5.07E+02	-1.62E-01	1.20E+00	1.56E+00	-6.56E-01	7.26E+00	7.61E+00	3.80E+00	8.28E+00	1.02E+01	NA	NA	NA						
MW-32-85	Q2-2011	028	85.3	85.3	4/27/2011	13:04	1.14E+04	1.19E+03	5.10E+02	1.58E+00	1.69E+00	1.75E+00	-1.23E+00	6.80E+00	7.31E+00	5.30E-01	1.02E+01	1.15E+01	NA	NA	NA						
MW-32-85	Q3-2011	030	85.3	85.3	8/5/2011	13:36	1.14E+04	1.12E+03	4.20E+02	1.14E-01	1.64E+00	1.92E+00	5.40E+00	6.87E+00	8.79E+00	-1.21E+00	6.69E+00	6.57E+00	NA	NA	NA						
MW-32-85	Q4-2011	031	85.3	85.3	11/17/2011	15:08	8.88E+03	7.65E+02	3.42E+02	4.57E-01	1.56E+00	1.82E+00	-1.20E+00	7.38E+00	8.80E+00	-1.88E+00	9.06E+00	1.09E+01	NA	NA	NA						
MW-32-149	Q1-2011	023	149.3	-72.2	3/1/2011	13:37	1.06E+03	4.48E+02	2.68E+02	-7.01E-01	1.66E+00	2.15E+00	9.25E-01	5.42E+00	6.30E+00	2.06E+00	6.60E+00	7.93E+00	NA	NA	NA	8.81E+02	ND	ND	ND	NA	MW-32-149
MW-32-149	Q1-2011 Mid	024	149.3	-72.2	3/31/2011	11:33	8.99E+02	5.34E+02	5.09E+02	-2.01E-01	1.10E+00	1.49E+00	2.52E+00	9.30E+00	1.09E+01	2.31E+00	9.92E+00	1.18E+01	NA	NA	NA						
MW-32-149	Q2-2011	025	149.3	-72.2	4/27/2011	11:12	8.69E+02	4.44E+02	4.11E+02	3.00E-01	1.43E+00	1.67E+00	2.12E+00	7.44E+00	8.59E+00	9.88E-01	7.76E+00	8.83E+00	NA	NA	NA						
MW-32-149	Q3-2011	027	149.3	-72.2	8/5/2011	11:10	9.86E+02	4.71E+02	4.21E+02	4.80E-01	1.81E+00	2.06E+00	-9.94E-01	9.60E+00	9.39E+00	2.75E+00	7.41E+00	9.28E+00	NA	NA	NA						
MW-32-149	Q4-2011	028	149.3	-72.2	11/17/2011	12:05	5.91E+02	3.45E+02	3.41E+02	3.84E-01	1.46E+00	1.72E+00	-5.25E+00	7.74E+00	7.86E+00	2.57E+00	8.07E+00	1.12E+01	NA	NA	NA						
MW-32-173	Q1-2011	021	172.8	-95.7	3/1/2011	13:13	9.02E+02	4.12E+02	2.61E+02	-4.04E-01	1.12E+00	1.45E+00	5.99E+00	6.06E+00	7.73E+00	-2.04E+00	7.36E+00	7.55E+00	NA	NA	NA	6.80E+02	ND	ND	ND	NA	MW-32-173
MW-32-173	Q1-2011 Mid	022	172.8	-95.7	3/31/2011	11:35	8.41E+02	5.22E+02	5.04E+02	2.46E-01	1.27E+00	1.54E+00	6.51E+00	1.58E+01	8.26E+00	2.19E+00	8.22E+00	9.98E+00	NA	NA	NA						
MW-32-173	Q2-2011	023	172.8	-95.7	4/27/2011	11:27	5.82E+02	4.98E+02	5.08E+02	6.37E-01	1.54E+00	1.74E+00	0.00E+00	2.00E+01	9.23E+00	2.47E-01	9.58E+00	1.07E+01	NA	NA	NA						
MW-32-173	Q3-2011	025	172.8	-95.7	8/5/2011	11:11	5.69E+02	4.17E+02	4.12E+02	6.34E-01	1.48E+00	1.66E+00	-9.50E-01	6.36E+00	6.56E+00	-1.55E+00	1.10E+01	1.14E+01	NA	NA	NA						
MW-32-173	Q4-2011	026	172.8	-95.7	11/17/2011	12:01	5.06E+02	3.33E+02	3.34E+02	7.83E-02	9.63E-01	1.24E+00	2.87E+00	9.12E+00	1.13E+01	-1.50E-01	9.93E+00	1.26E+01	NA	NA	NA						
MW-32-190	Q1-2011	025	190.3	-113.7	3/1/2011	13:24	1.64E+03	5.32E+02	2.64E+02	7.65E-01	1.20E+00	1.29E+00	2.74E+00	5.52E+00	6.57E+00	4.88E+00	7.64E+00	8.75E+00	NA	NA	NA	1.43E+03	ND	ND	ND	NA	MW-32-190
MW-32-190	Q1-2011 Mid	026	190.3	-113.7	3/31/2011	11:47	1.41E+03	5.76E+02	5.02E+02	-7.79E-01	1.15E+00	1.67E+00	8.78E-01	7.96E+00	9.01E+00	5.11E+00	1.04E+01	1.30E+01	NA	NA	NA						
MW-32-190	Q2-2011	027	190.3	-113.7	4/27/2011	11:17	1.21E+03	5.64E+02	5.10E+02	7.54E-01	1.13E+00	1.20E+00	8.61E-01	8.68E+00	9.74E+00	-6.60E+00	8.98E+00	6.37E+00	NA	NA	NA						
MW-32-190	Q3-2011	029	190.3	-113.7	8/5/2011	11:15	1.44E+03	5.16E+02	4.20E+02	7.59E-01	1.64E+00	1.82E+00	2.02E+00	7.23E+00	8.43E+00	1.28E+00	9.24E+00	1.06E+01	NA	NA	NA						
MW-32-190	Q4-2011	030	190.3	-113.7	11/17/2011	12:03	1.46E+03	4.05E+02	3.36E+02	-7.57E-01	8.37E-01	1.41E+00	1.30E+00	6.57E+00	8.59E+00	-4.42E-01	6.24E+00	7.93E+00	NA	NA	NA						
MW-36-24	Q1-2011	021	16.1	-4.3	2/28/2011	12:37	2.56E+02	3.54E+02	3.81E+02	-8.87E-02	1.67E+00	2.08E+00	4.53E-01	5.26E+00	5.75E+00	-3.09E-01	4.74E+00	5.03E+00	NA	NA	NA	2.10E+03	ND	ND	ND	NA	MW-36-24
MW-36-24	Q2-2011	022	16.1	-4.3	4/28/2011	14:34	3.07E+03	7.26E+02	5.19E+02	1.38E+00	1.53E+00	1.59E+00	-6.43E-01	7.68E+00	8.47E+00	2.82E+00	7.48E+00	9.35E+00	NA	NA	NA						
MW-36-24	Q3-2011	023	16.1	-4.3	8/16/2011	13:34	1.12E+03	5.01E+02	4.51E+02	2.34E-01	9.96E-01	1.18E+00	-2.80E+00	7.71E+00	7.54E+00	7.10E-01	7.89E+00	8.75E+00	NA	NA	NA						
MW-36-24	Q4-2011	024	16.1	-4.3	12/7/2011	11:04	0.00E+00	4.20E+02	4.96E+02	-3.36E-01	1.29E+00	1.70E+00	1.75E+00	7.26E+00	9.17E+00	-1.38E+00	6.00E+00	7.29E+00	NA	NA	NA						
MW-36-41	Q1-2011	015	37	-25.2	2/28/2011	13:53	8.74E+03	6.88E+02	2.97E+02	4.11E+00	1.87E+00	1.57E+00	1.31E+00	5.26E+00	6.09E+00	1.58E+00	5.68E+00	6.65E+00	NA	NA	NA	6.36E+03	3.05E+00	ND	ND	NA	MW-36-41
MW-36-41	Q2-2011	016	37	-25.2	4/28/2011	15:39	8.17E+03	1.04E+03	5.14E+02	3.31E+00	1.75E+00	1.36E+00	2.18E+00	9.26E+00	1.07E+01	-2.96E-01	1.04E+01	1.12E+01	NA	NA	NA						
MW-36-41	Q3-2011	017	37	-25.2	8/16/2011	14:18	5.90E+03	8.37E+02	4.55E+02	1.74E+00	1.26E+00	1.13E+00	1.75E+00	8.91E+00	9.88E+00	4.43E+00	9.15E+00	1.15E+01	NA	NA	NA						
MW-36-41	Q4-2011	018	37	-25.2	12/7/2011	13:09	2.63E+03	6.51E+02	4.78E+02	9.00E-01	1.71E+00	1.89E+00	1.19E-02	7.17E+00	9.00E+00	-5.23E-01	7.86E+00	1.01E+01	NA	NA	NA						
MW-36-52	Q1-2011	020	49.7	-37.9	2/28/2011	12:43	3.14E+03	4.92E+02	3.37E+02	1.33E+00	2.00E+00	2.14E+00	-6.00E+00	5.58E+00	4.80E+00	-2.66E+00	5.94E+00	5.65E+00	NA	NA	NA	4.61E+03	3.86E+00	ND	ND	NA	MW-36-52
MW-36-52	Q2-2011	021	49.7	-37.9	4/28/2011	14:38	5.84E+03	9.06E+02	5.15E+02	3.41E+00	1.56E+00	1.11E+00	4.29E+00	8.42E+00	1.03E+01	-2.61E+00	8.50E+00	8.36E+00	NA	NA	NA						
MW-36-52	Q3-2011	022	49.7	-37.9	8/16/2011	14:52	4.69E+03	7.59E+02	4.48E+02	2.93E+00	1.57E+00	1.36E+00	3.59E+00	8.22E+00	9.80E+00	-1.83E+00	9.33E+00	9.74E+00	NA	NA	NA						
MW-36-52	Q4-2011	023	49.7	-37.9	12/7/2011	11:36	4.76E+03	8.10E+02	4.91E+02	5.23E+00	1.96E+00	1.24E+00	2.89E+00	7.74E+00	1.01E+01	5.68E+00	9.03E+00	1.31E+01	NA	NA	NA						
MW-37-22	Q1-2011	021	17	-2	1/27/2011	15:19	6.74E+03	6.18E+02	2.98E+02	1.04E+01	2.52E+00	1.68E+00	-2.18E+00	4.74E+00	4.94E+00	2.59E+00	5.38E+00	6.55E+00	NA	NA	NA	5.78E+03	8.68E+00	ND	ND	NA	MW-37-22
MW-37-22	Q2-2011	022	17	-2	4/28/2011	12:05	6.87E+03	9.66E+02	5.14E+02	8.72E+00	2.90E+00	2.05E+00	7.12E-01	6.96E+00	7.67E+00	5.14E-01	7.86E+00	8.62E+00	NA	NA	NA						
MW-37-22	Q3-2011	023	17	-2	8/16/2011	10:35	4.52E+03	7.56E+02	4.53E+02	7.59E+00	2.07E+00	1.32E+00	3.10E+00	7.26E+00	8.77E+00	-9.99E-01	7.35E+00	7.48E+00	NA	NA	NA						
MW-37-22	Q4-2011	024	17	-2	11/23/2011	11:33	4.97E+03	8.28E+02	4.96E+02	8.02E+00	2.57E+00	1.38E+00	2.26E+00	9.12E+00	1.19E+01	-1.41E+00	7.35E+00	9.09E+00	NA	NA	NA						
MW-37-32	Q1-2011	021	29	-14	1/27/2011	15:09	4.57E+03	5.28E+02	2.98E+02	1.49E+01	3.02E+00	1.74E+00	4.20E-01	6.12E+00	6.85E+00	1.72E+00	6.60E+00	7.76E+00	NA	NA	NA	4.56E+03	1.76E+01	ND	ND	NA	MW-37-32
MW-37-32	Q2-2011	022	29	-14	4/28/2011	12:21	4.11E+03	7.98E+02	5.15E+02	2.62E+01	3.76E+00	1.68E+00	3.56E+00	1.20E+01	1.42E+01	-1.92E+00	1.09E+01	1.09E+01	NA	NA	NA						
MW-37-32	Q3-2011	023	29	-14	8/16/2011	11:00	5.23E+03	7.95E+02	4.52E+02	1.68E+01	2.87E+00	1.13E+00	-2.53E+00	8.34E+00	7.53E+00	-6.09E+00	9.06E+00	8.10E+00	NA	NA	NA						
MW-37-32	Q4-2011	024	29	-14	11/23/2011	11:19	4.33E+03	7.80E+02	4.91E+02	1.26E+01	3.21E+00	1.52E+00	7.81E+00	9.00E+00	1.28E+01	-6.59E+00	8.76E+00	8.06E+00	NA	NA	NA						
MW-37-40	Q1-2011	021	39.2	-24.2	1/27/2011	13:35	5.97E+03	7.42E+02	3.82E+02	1.93E+01	3.34E+00	1.85E+00	1.95E+00	5.84E+00	6.78E+00	2.03E+00	6.84E+00	7.92E+00	NA	NA	NA	5.04E+03	1.92E+01	ND	ND	NA	MW-37-40
MW-37-40	Q2-2011	022	39.2	-24.2	4/28/2011	11:31	3.92E+03	8.02E+02	5.33E+02	2.30E+01	3.66E+00	1.68E+00	4.10E+00	9.02E+00	1.09E+01	6.47E-01	8.94E+00	1.02E+01	NA	NA	NA						
MW-37-40	Q3-2011	023	39.2	-24.2	8/16/2011	11:24	5.03E+03	7.86E+02	4.53E+02	1.95E+01	3.18E+00	1.17E+00	-2.08E+00	8.25E+00	8.54E+00	1.79E+00	7.35E+00	8.59E+00	NA	NA	NA						
MW-37-40	Q4-2011	024	39.2	-24.2	11/23/2011	11:46	5.22E+03	8.28E+02	4.83E+02	1.50E+01	3.45E+00	1.47E+00	1.06E+00	1.43E+01	7.71E+00	9.11E-01	7.29E+00	1.00E+01	NA	NA	NA						
MW-37-57	Q1-2011	021	53.2	-38.2	1/27/2011	15:26	5.63E+03	5.76E+02	2.99E+02	2.02E+01	3.60E+00	1.96E+00	-3.70E-01	6.34E+00	6.92E+00	-1.36E+00	5.64E+00	5.68E+00	NA	NA	NA	5.36E+03	1.91E+01	ND	ND	NA	MW-37-57
MW-37-57	Q2-2011	022	53.2	-38.2	4/28/2011	12:17	5.81E+03	8.98E+02	5.07E+02	1.58E+01	3.54E+00	2.00E+00	5.18E+00	1.72E+01	8.67E+00	-1.42E+00	8.36E+00	8.80E+00	NA	NA	NA						
MW-37-57	Q3-2011	023	53.2	-38.2	8/16/2011	10:55	5.11E+03	7.98E+02	4.59E+02	2.15E+01	3.27E+00	1.30E+00	1.82E+00	7.92E+00	9.16E+00	-1.34E+00	6.39E+00	6.57E+00	NA	NA	NA						
MW-37-57	Q4-2011	024	53.2	-38.2	11/23/2011	11:22	4.87E+03	8.16E+02	4.91E+02	1.88E+01	3.90E+00	1.81E+00	-6.08E-01	8.28E+00	1.01E+01	3.00E+00	9.12E+00	1.27E+01	NA	NA	NA						
MW-39-67	Q2-2011	011	67	13	4/26/2011	14:52	1.09E+04	9.64E+02	4.18E+02	1.74E+00	1.49E+00	1.50E+00	-8.12E-01	8.22E+00	8.78E+00	-4.05E+00	9.42E+00	9.00E+00	NA	NA	NA	7.27E+03	2.06E+00	ND	ND	NA	MW-39-67
MW-39-67	Q2-2011 Mid	012	67	13	7/15/2011	13:42	2.24E+03	6.12E+02	4.40E+02	2.55E-01	1.16E+00	1.34E+00	-1.15E-01	8.28E+00	9.19E+00	-2.42E-02	9.72E+00	1.12E+01	NA	NA	NA						
MW-39-67	Q3-2011 Mid	013	67	13	8/29/2011	13:47	1.49E+04	1.24E+03	4.51E+02	1.08E+00	1.18E+00	1.20E+00	2.23E+00	7.77E+00	8.94E+00	4.82E+00	8.25E+00	1.05E+01	NA	NA	NA						
MW-39-67	Q4-2011	014	67	13	12/1/2011	14:04	1.03E+03	5.13E+02	4.75E+02	2.37E+00	1.90E+00	1.76E+00	-3.99E+00	9.24E+00	1.02E+01	-3.39E+00	8.07E+00	9.37E+00	NA	NA	NA						
MW-39-84	Q2-2011	011	83.5	-3.5	4/26/2011	14:25	4.40E+02	4.02E+02	4.13E+02	-2.03E-01	1.15E+00	1.50E+00	-9.39E-01	7.42E+00	7.84E+00	-4.02E-01	6.92E+00	7.41E+00	NA	NA	NA	4.40E+02	3.12E+00	ND	ND	NA	MW-39-84
MW-39-84	Q2-2011 Mid	012	83.5	-3.5	7/15/2011	14:33	3.55E+02	4.17E+02	4.40E+02	6.54E-01	1.15E+00	1.27E+00	-1.78E+00	1.43E+01	1.71E+01	-4.89E+00	9.45E+00	8.20E+00	NA	NA	NA						
MW-39-84	Q3-2011 Mid	013	83.5	-3.5	8/29/2011	13:56	2.38E+02	4.14E+02	4.54E+02	8.64E-01	1.00E+00	1.00E+00	5.19E+00	1.54E+01	9.85E+00	-1.20E+

TABLE 3
FOURTH QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-39-102	Q2-2011	011	101.5	-21.5	4/26/2011	14:33	1.43E+04	1.09E+03	4.19E+02	1.08E+00	1.85E+00	2.03E+00	4.48E+01	2.08E+01	9.86E+00	6.03E+00	7.96E+00	1.07E+01	NA	NA	NA	1.17E+04	2.77E+00	4.48E+01	ND	NA	MW-39-102
MW-39-102	Q2-2011 Mid	012	101.5	-21.5	7/15/2011	14:02	1.24E+04	1.20E+03	4.36E+02	5.88E-01	1.09E+00	1.20E+00	3.70E+00	8.76E+00	1.02E+01	-6.84E-01	9.42E+00	9.35E+00	NA	NA	NA						
MW-39-102	Q3-2011 Mid	013	101.5	-21.5	8/29/2011	14:11	1.90E+04	1.37E+03	4.41E+02	-7.38E-01	1.20E+00	1.60E+00	-3.14E+00	7.92E+00	7.72E+00	4.66E+00	7.83E+00	1.04E+01	NA	NA	NA						
MW-39-102	Q4-2011	014	101.5	-21.5	12/1/2011	14:10	1.12E+03	5.25E+02	4.77E+02	2.77E+00	2.06E+00	1.95E+00	1.42E+00	7.68E+00	9.90E+00	-2.95E+00	6.99E+00	7.97E+00	NA	NA	NA						
MW-39-124	Q2-2011	011	124	-44	4/26/2011	13:01	1.51E+02	3.70E+02	4.15E+02	5.20E-01	1.37E+00	1.55E+00	9.13E+00	8.56E+00	8.57E+00	3.07E+00	7.52E+00	9.27E+00	NA	NA	NA	ND	ND	9.13E+00	ND	NA	MW-39-124
MW-39-124	Q2-2011 Mid	012	124	-44	7/15/2011	11:44	2.30E+01	3.72E+02	4.39E+02	8.78E-01	1.19E+00	1.27E+00	-4.10E+00	1.13E+01	1.15E+01	-1.82E+00	9.51E+00	9.57E+00	NA	NA	NA						
MW-39-124	Q3-2011 Mid	013	124	-44	8/29/2011	10:54	-1.02E+01	3.75E+02	4.45E+02	3.16E-01	1.12E+00	1.30E+00	-7.05E+00	1.06E+01	1.01E+01	7.76E+00	1.13E+01	1.46E+01	NA	NA	NA						
MW-39-124	Q4-2011	014	124	-44	12/1/2011	11:42	1.73E+02	4.35E+02	4.89E+02	-2.58E-01	1.41E+00	1.82E+00	5.73E-01	7.95E+00	9.19E+00	2.71E+00	7.89E+00	9.85E+00	NA	NA	NA						
MW-39-183	Q2-2011	011	182.5	-102.5	4/26/2011	11:35	1.15E+02	3.54E+02	4.02E+02	1.12E+00	1.56E+00	1.67E+00	6.46E+00	8.88E+00	1.09E+01	-1.52E+00	8.68E+00	8.94E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-39-183
MW-39-183	Q2-2011 Mid	012	182.5	-102.5	7/15/2011	11:49	7.02E+01	3.75E+02	4.35E+02	3.45E-01	1.03E+00	1.19E+00	2.51E+00	1.08E+01	1.22E+01	-2.37E+00	1.30E+01	1.37E+01	NA	NA	NA						
MW-39-183	Q3-2011 Mid	013	182.5	-102.5	8/29/2011	10:45	1.14E+02	3.81E+02	4.33E+02	1.10E+00	1.13E+00	1.10E+00	-3.70E+00	1.05E+01	1.05E+01	5.90E+00	9.54E+00	1.22E+01	NA	NA	NA						
MW-39-183	Q4-2011	014	182.5	-102.5	12/1/2011	11:26	-8.23E+01	4.11E+02	4.97E+02	1.34E-01	1.45E+00	1.80E+00	-2.81E+00	1.34E+01	1.59E+01	4.19E+00	8.16E+00	1.46E+01	NA	NA	NA						
MW-39-195	Q2-2011	011	195	-115	4/26/2011	12:38	7.04E+03	8.04E+02	4.20E+02	1.88E+00	1.75E+00	1.79E+00	-2.03E+00	1.11E+01	1.28E+01	4.62E+00	8.70E+00	1.13E+01	NA	NA	NA	8.39E+03	1.88E+00	ND	ND	NA	MW-39-195
MW-39-195	Q2-2011 Mid	012	195	-115	7/15/2011	11:13	4.19E+03	7.56E+02	4.35E+02	1.10E+00	1.78E+00	1.93E+00	2.79E+00	8.46E+00	9.76E+00	6.38E-01	1.01E+01	1.08E+01	NA	NA	NA						
MW-39-195	Q3-2011 Mid	013	195	-115	8/29/2011	10:51	1.72E+04	1.31E+03	4.43E+02	4.98E-02	7.50E-01	9.59E-01	7.98E-01	7.62E+00	8.56E+00	2.43E+00	8.19E+00	9.86E+00	NA	NA	NA						
MW-39-195	Q4-2011	014	195	-115	12/1/2011	11:28	5.13E+03	8.28E+02	4.87E+02	3.00E-01	1.46E+00	1.75E+00	2.12E+00	7.98E+00	1.03E+01	5.51E-01	9.48E+00	1.22E+01	NA	NA	NA						
MW-40-27	Q1-2011	014	26.7	46.5	3/8/2011	12:55	1.85E+02	2.56E+02	2.65E+02	1.58E-01	1.37E+00	1.61E+00	3.72E-01	6.78E+00	7.39E+00	2.83E+00	8.56E+00	9.99E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-40-27
MW-40-27	Q2-2011	015	26.7	46.5	4/29/2011	13:29	1.77E+02	3.66E+02	4.07E+02	1.18E+00	1.74E+00	1.87E+00	1.91E+00	8.40E+00	9.77E+00	-9.20E-01	9.86E+00	1.15E+01	NA	NA	NA						
MW-40-27	Q2-2011 Mid	016	26.7	46.5	7/27/2011	15:12	3.69E+01	3.00E+02	3.43E+02	-4.37E-01	1.40E+00	1.93E+00	-2.18E+00	7.35E+00	7.64E+00	1.36E+00	9.03E+00	1.03E+01	NA	NA	NA						
MW-40-27	Q4-2011	017	26.7	46.5	12/9/2011	11:50	2.24E+01	4.20E+02	4.90E+02	1.74E-01	1.46E+00	1.77E+00	7.86E-01	7.02E+00	8.97E+00	3.19E+00	7.14E+00	1.03E+01	NA	NA	NA						
MW-40-46	Q1-2011	015	46.2	27	3/8/2011	12:58	2.48E+02	2.74E+02	2.63E+02	1.03E-01	8.58E-01	1.07E+00	2.82E+00	8.00E+00	9.18E+00	7.99E+00	8.74E+00	1.19E+01	NA	NA	NA	ND	ND**	ND	ND	NA	MW-40-46
MW-40-46**	Q2-2011	016	46.2	27	4/29/2011	13:31	7.82E+01	3.54E+02	4.05E+02	-1.35E-01**	1.88E+00	1.77E+00	-9.96E-01	8.46E+00	9.00E+00	-3.98E+00	9.84E+00	9.04E+00	NA	NA	NA						
MW-40-46	Q2-2011 Mid	017	46.2	27	7/27/2011	15:55	1.35E+02	3.09E+02	3.44E+02	-9.06E-01	1.26E+00	1.86E+00	2.28E+00	8.85E+00	1.01E+01	5.01E-01	9.30E+00	1.03E+01	NA	NA	NA						
MW-40-46	Q4-2011	018	46.2	27	12/9/2011	12:03	9.00E+01	4.17E+02	4.77E+02	2.87E-01	1.62E+00	1.92E+00	1.26E+00	7.41E+00	9.46E+00	-9.20E-01	6.39E+00	8.16E+00	NA	NA	NA						
MW-40-81	Q1-2011	015	80.7	-7.5	3/8/2011	10:17	2.33E+02	2.68E+02	2.63E+02	8.50E-01	1.51E+00	1.67E+00	1.26E+00	1.06E+01	7.71E+00	-1.45E+00	6.08E+00	6.16E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-40-81
MW-40-81	Q2-2011	016	80.7	-7.5	4/29/2011	11:08	3.39E+02	4.12E+02	4.36E+02	1.07E+00	1.58E+00	1.70E+00	3.05E+00	6.90E+00	8.51E+00	-2.66E-01	8.04E+00	8.83E+00	NA	NA	NA						
MW-40-81	Q2-2011 Mid	017	80.7	-7.5	7/27/2011	13:24	-1.18E+02	2.89E+02	3.48E+02	8.36E-01	1.70E+00	1.90E+00	-3.22E-01	6.48E+00	6.87E+00	-1.05E+00	8.67E+00	8.91E+00	NA	NA	NA						
MW-40-81	Q4-2011	018	80.7	-7.5	12/9/2011	10:23	-8.05E+01	4.02E+02	4.86E+02	3.77E-01	1.51E+00	1.79E+00	4.60E-01	2.64E+01	1.18E+01	1.07E+00	1.07E+01	1.39E+01	NA	NA	NA						
MW-40-100*	Q1-2011	017	100.2	-27	3/8/2011	10:27	5.17E+01	2.14E+02	2.64E+02	2.52E-02	1.30E+00	1.58E+00	2.46E+01*	1.35E+01	7.66E+00	-1.40E+00	7.88E+00	8.30E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-40-100*
MW-40-100	Q2-2011	018	100.2	-27	4/29/2011	11:27	2.70E+02	4.06E+02	4.38E+02	2.46E-01	1.42E+00	1.67E+00	5.53E+00	7.14E+00	9.23E+00	2.99E+00	7.96E+00	9.80E+00	NA	NA	NA						
MW-40-100	Q2-2011 Mid	019	100.2	-27	7/27/2011	13:29	1.07E+02	3.12E+02	3.50E+02	-9.50E-01	1.41E+00	1.98E+00	2.29E+00	9.03E+00	1.04E+01	7.10E-01	1.08E+01	1.20E+01	NA	NA	NA						
MW-40-100	Q4-2011	020	100.2	-27	12/9/2011	10:28	4.85E+01	4.29E+02	5.00E+02	1.04E+00	1.37E+00	1.41E+00	1.85E+00	7.98E+00	9.93E+00	8.66E-01	7.77E+00	1.01E+01	NA	NA	NA						
MW-40-127*	Q1-2011	017	127.2	-54	3/8/2011	10:41	1.33E+02	2.40E+02	2.64E+02	1.03E+00	1.40E+00	1.51E+00	5.07E+01*	1.64E+01	7.63E+00	3.45E-01	7.18E+00	7.96E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-40-127*
MW-40-127	Q2-2011	018	127.2	-54	4/29/2011	11:26	-2.27E+01	3.60E+02	4.32E+02	5.72E-01	1.78E+00	2.05E+00	-2.13E-01	8.26E+00	8.83E+00	-1.62E+00	9.68E+00	9.87E+00	NA	NA	NA						
MW-40-127	Q2-2011 Mid	019	127.2	-54	7/27/2011	13:56	1.56E+02	3.15E+02	3.50E+02	4.81E-01	1.64E+00	1.92E+00	1.48E+00	9.06E+00	1.03E+01	-8.00E+00	1.02E+01	7.94E+00	NA	NA	NA						
MW-40-127	Q4-2011	020	127.2	-54	12/9/2011	10:40	5.65E+01	4.08E+02	4.71E+02	1.27E+00	1.50E+00	1.51E+00	-1.26E+00	8.91E+00	1.04E+01	-3.35E+00	9.18E+00	1.04E+01	NA	NA	NA						
MW-40-162	Q1-2011	015	161.7	-88.5	3/8/2011	11:02	8.33E+01	2.24E+02	2.63E+02	-1.03E+00	1.07E+00	1.57E+00	-3.72E+00	6.12E+00	5.93E+00	-2.11E+00	6.42E+00	6.37E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-40-162
MW-40-162	Q2-2011	016	161.7	-88.5	4/29/2011	12:26	1.05E+02	3.78E+02	4.33E+02	8.71E-01	1.34E+00	1.46E+00	4.54E+00	1.23E+01	1.42E+01	4.43E-01	9.50E+00	1.08E+01	NA	NA	NA						
MW-40-162	Q2-2011 Mid	017	161.7	-88.5	7/27/2011	14:40	5.54E+00	2.97E+02	3.44E+02	-8.61E-01	1.58E+00	1.98E+00	-2.44E+00	9.21E+00	8.54E+00	-6.93E-01	8.70E+00	9.41E+00	NA	NA	NA						
MW-40-162	Q4-2011	018	161.7	-88.5	12/9/2011	11:02	-2.60E+01	3.42E+02	4.06E+02	6.89E-01	1.75E+00	1.95E+00	1.06E+00	8.43E+00	1.07E+01	-4.71E+00	1.17E+01	1.30E+01	NA	NA	NA						
MW-41-40	Q1-2011	019	34.4	20.5	2/14/2011	14:05	2.03E+03	4.02E+02	2.98E+02	1.15E+01	2.68E+00	1.83E+00	4.60E+00	7.30E+00	8.61E+00	4.22E+00	7.36E+00	9.28E+00	NA	NA	NA	1.69E+03	5.43E+00	ND	ND	NA	MW-41-40
MW-41-40	Q2-2011	020	34.4	20.5	4/20/2011	13:51	4.51E+03	7.36E+02	4.55E+02	2.32E+00	1.57E+00	1.44E+00	2.20E+00	9.22E+00	1.06E+01	3.02E+00	1.06E+01	1.25E+01	NA	NA	NA						
MW-41-40	Q2-2011 Mid	021	34.4	20.5	7/15/2011	12:30	6.99E+02	4.59E+02	4.41E+02	2.48E+00	1.35E+00	1.19E+00	-1.93E+00	1.09E+01	1.14E+01	-1.11E+00	8.94E+00	9.13E+00	NA	NA	NA						
MW-41-40	Q3-2011	022	34.4	20.5	8/4/2011	14:39	5.94E+02	3.57E+02	3.53E+02	1.70E+00	1.87E+00	1.93E+00	4.91E-01	5.97E+00	6.61E+00	-6.02E-02	8.16E+00	8.80E+00	NA	NA	NA						
MW-41-40	Q4-2011	023	34.4	20.5	11/28/2011	14:25	6.16E+02	5.13E+02	5.14E+02	6.83E-01	1.73E+00	1.95E+00	6.21E+00	8.16E+00	1.13E+01	-4.82E+00	9.81E+00	1.11E+01	NA	NA	NA						
MW-41-63	Q1-2011	018	59.5	-4.6	2/14/2011	13:37	1.23E+03	4.44E+02	3.80E+02	6.92E+00	2.46E+00	1.96E+00	1.24E+00	5.30E+00	6.03E+00	2.69E+00	6.06E+00	7.29E+00	NA	NA	NA	8.01E+02	4.98E+00	ND	ND	NA	MW-41-63
MW-41-63	Q2-2011	019	59.5	-4.6	4/20/2011	13:13	7.58E+02	4.90E+02	4.72E+02	-7.72E-01	1.51E+00	2.03E+00	3.53E+00	8.52E+00	1.01E+01	4.02E+00	8.74E+00	1.09E+01	NA	NA	NA						
MW-41-63	Q2-2011 Mid	020	59.5	-4.6	7/15/2011	12:51	7.14E+02	4.56E+02	4.35E+02	3.03E+00	1.50E+00	1.30E+00	2.36E+00	7.71E+00	8.88E+00	4.47E-01	6.81E+00	7.51E+00	NA	NA	NA						
MW-41-63	Q3-2011	021	59.5	-4.6	8/4/2011	14:20	6.60E+02	3.60E+02	3.51E+02	1.91E+00	1.95E+00	1.96E+00	1.64E+00	7.89E+00	8.72E+00	-1.43E+00	7.29E+00	7.72E+00	NA	NA	NA						
MW-41-63	Q4-2011	022	59.5	-4.6	11/28/2011	14:08	6.41E+02	5.22E+02	5.22E+02	6.76E-01	1.73E+00	1.95E+00	-7.79E-01	7.20E+00	8.56E+00	-9.03E-01	7.41E+00	9.17E+00	NA	NA	NA						
MW-42-49	Q1-2011	024	42.6	27.1	3/4/2011	11:37	1.49E+03	5.14E+02	3.88E+02	2.32E+01	3.34E+00	1.11E+00	3.30E+04	4.42E+03	2.75E+01	1.42E+00	6.78E+00	7.87E+00	3.02E+02	3.04E+01	2.00E+01	1.34E+03	1.04E+01	1.83E+04	ND	2.07E+02	MW-42-49
MW-42-49	Q2-2011	025	42.6	27.1	4/21/2011	14:04	1.71E+03	5.88E+02	4.80E+02	5.45E+00	2.18E+00	1.45E+00	2.15E+04	2.88E+03	2.08E+01	3.41E+00	9.16E+00	1.09E+01	1.90E+02	2.72E+01	1.73E+01						
MW-42-49	Q3-2011	027	42.6	27.1	8/1/2011	12:50	7.78E+02	3.90E+02	3.74E+02	2.60E+00	1.92E+00	1.82E+00	1.57E+04	1.92E+03	2.16E+01	3.58E+00	8.40E+00	1.01E+01	2.80E+02	3.48E+01	2.02E+01						
MW-42-49	Q4-2011	028	42.6	27.1	11/3/2011	11:13	1.40E+03	5.70E+02	5.00E+02	8.98E-01	1.51E+00	1.65E+00	3.03E+03	3.90E+02	1.29E+01	-1.75E+00	7.56E+00	9.18E+00	5.77E+01	1.57E+01	1.45E+01						
MW-42-78	Q1-2011	019	74	-4.3	3/4/2011	10:58	5.98E+02	4.06E+02	3.84E+02	8.92E-01	1.47E+00	1.60E+00	-2.03E+00	6.72E+00	6.99E+00	8.03E-02	6.70E+00	7.41E+00	0.00E+00	1.73E+01	1.96E+01	5.40E+02	ND	ND	ND	ND	MW-42-78
MW-42-78	Q2-2011	020	74	-4.3	4/21/2011	13:45	6.26E+02	4.78E+02	4.77E+02	4.25E-01	1.13E+00	1.32E+00	-9.71E-01	9.16E+00	9.83E+00	3.58E+00	8.56E+00	1.11E+01	5.89E-01	1.49E+01	1.72E+01						
MW-42-78	Q3-2011	022	74	-4.3	8/1/2011	12:50	3.97E+02	3.57E+02	3.72E+02	-1.16E-01	1.13E+00	1.49E+00	5.85E-01	7.98E+00	7.65E+00	-5.68E-01	9.45E+00	1.03E+01	1.02E+00	1.17E+01	1.31E+01						
MW-42-78	Q4-2011	023	74	-4.3	11/3/2011	11:31	3.23E+02	4.65E+02	5.02E+02	-5.46E-02	1.15E+00	1.49E+00	-2.93E+00	7.32E+00	8.03E+00	1.37E-01	7.74E+00	9.98E+00	-2.26E+00	1.18E+01	1.35E+01						
MW-43-28	Q1-2011	018	23.5	25.3	2/15/2011	13:08	2.54E+02	2.80E+02	2.99E+02	-1.06E+00	1.40E+00	2.00E+00	5.75E-02	1.26E+01	7.06E+00	-3.84E+00	6.84E+00	6.54E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-43-28
MW-43-28	Q2-2011	019	23.5	25.3	4/21/2011	11:15	2.34E+02	4.30E+02	4.72E+02	1.46E+00	1.96E+00	2.04E+00	-9.31E-01	8.74E+00	9.22E+00	4.50E+00	8.60E+00	1.09E+01	NA	NA	NA						
MW-43-28	Q3-2011	020	23.5	25.3	8/4/2011	11:15	2.26E+02	3.24E+02	3.50E+02	-1.34E-01	1.42E+00	1.87E+00	4.00E+00	7.35E+00	9.02E+00	-3.51E+00	9.33E+00	9.21E+00	NA	NA	NA						
MW-43-28	Q4-2011	021	23.5	25.3	11/22/2011	11:23	1.21E+02	3.60E+02	4.05E+02	1.40E+00	1.81E+00	1.95E+00	-9.87E-02	5.58E+00	7.14E+00	-3.96E+00	8.07E+00	8.55E+00	NA	NA	NA						
MW-43-62	Q1-2011	018	51	-2.2	2/15/2011	13:15	1.82E+02	2.76E+02	3.00E+02	7.75E-01	1.74E+00	1.95E+00	6.59E-01	5.08E+00	5.56E+00	-2.37E-01	5.16E+00	5.52E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-43-62
MW-43-62	Q2-2011	019	51	-2.2	4/21/2011	11:00	1.05E+02	4.12E+02	4.72E+02	-4.65E-01	1.67E+00	2.18E+00	-1.90E+00	9.08E+00	9.35E+00	-2.34E+00	8.70E+00	8.43E+00	NA	NA	NA						
MW-43-62	Q3-2011	021	51	-2.2	8/4/2011	11:35	1.66E+02	3.21E+02	3.55E+02	-2.14E-01	1.61E+00	1.93E+00	-1.62E+00	7.95E+00	8.00E+00	-2.98E+00	8.13E+00	8.75E+00	NA	NA	NA						
MW-43-62	Q4-2011	022	51	-2.2	11/22/2011	12:22	2.01E+02	3.72E+02	4.10E+02	9.55E-01	1.78E+00	1.96E+00	-1.43E+01	1.42E+01	1.67E+01	1.94E+00	1.06E+01	1.41E+01	NA	NA	NA						
MW-44-66	Q1-2011	019	62.4	31.1	2/18/2011	10:41	4.57E+02	3.90E+02	3.99E+02	-2.94E-01	1.59E+00	1.95E+00	1.74E+00	7.72E+00	8.56E+00	-1.40E+00	7.92E+00	8.46E+00	NA	NA	NA	8.10E+02	ND	ND	ND	NA	MW-44-66
MW-44-66	Q2-2011	020	62.4	31.1	4/26/2011	13:17	6.87E+02	4.20E+02	4.03E+02	7.05E-01	1.52E+00	1.70E+00	-1.14E-01	9.36E+00	1.03E+01	3.29E+00	1.07E+01	1.31E+01	NA	NA	NA						
MW-44-66	Q2-2011 Mid	021	62.4	31.1	7/19/2011	15:39	1.62E+03	5.49E+02	4.32E+02	-7.04E-01	6.48E-01	1.06E+00	4.61E+00	9.66E+00	1.16E+01	-5.76E+00	1.11E+01	9.79E+00	NA	NA	NA						
MW-44-66	Q3-2011	022	62.4	31.1	8/22/2011	12:08	4.76E+02	4.32E+02	4.45E+02	1.13E-01	9.03E-01	1.11E+00	-7.41E+00	8.73E+00	6.89E+00	-3.14E+00	9.09E+00	9.07E+00	NA	NA	NA						
MW-44-66	Q4-2011	023	62.4	31.1	12/8/2011	12:00	3.70E+02	3.84E+02	4.04E+02	-8.25E-01	1.44E+00	1.94E+00	1.99E+00	7.35E+00	9.30E+00	2.32E+00	7.56E+00	1.04E+01	NA	NA	NA						
MW-44-102	Q1-2011	020	80	13.5	2/18/2011	10:44	3.93E+02	2.90E+02	2.97E+02	2.63E-01	1.86E+00	2.15E+00	2.22E-01	4.96E+00	5.47E+00	-2.93E-01	6.02E+00	6.58E+00	NA	NA	NA	7.15E+02	ND	ND	ND	NA	MW-44-102
MW-44-102	Q2-2011	021	80	13.5	4/26/2011	12:18	6.70E+02	4.14E+02	3.99E+02	1.09E+00	1.41E+00	1.49E+00	3.59E-01	7.42E+00	8.15E+00	-2.06E+00	7.86E+00	7.82E+00	NA	NA	NA						
MW-44-102	Q2-2011 Mid	022	80	13.5	7/19/2011	10:53	6.38E+02	4.50E+02	4.39E+02	2.55E-01	1.02E+00	1.19E+00	1.01E+00	6.63E+00	7.60E+00	1.28E+00	6.27E+00	7.47E+00	NA	NA	NA						
MW-44-102	Q3-2011	023	80	13.5	8/22/2011	10:43	8.25E+02	4.77E+02	4.57E+02	-1.10E-01	9.69E-01	1.28E+00	-3.22E+00	6.69E+00	6.63E+00	8.99E+00	7.50E+00	1.08E+01	NA	NA	NA						
MW-44-102	Q4-2011	024	80	13.5	12/1/2011	12:18	1.05E+03	4.50E+02	4.07E+02	-2.13E-01	1.52E+00	1.93E+00	-7.91E-02	8.73E+00	1.04E+01	-5.88E-01	9.33E+00	1.15E+01	NA	NA	NA						
MW-45-42	Q1-2011	023	37	16.6	2/16/2011	16:58	8.12E+03	7.86E+02	3.63E+02	1.03E+00	1.39E+00	1.48E+00	-8.53E-01	5.64E+00	5.99E+00	1.42E+00	6.30E+00	7.17E+00	NA	NA	NA	1.70E+04	ND	ND	ND	NA	MW-45-42
MW-45-42	Q2-2011	024	37	16.6	4/20/2011	14:09	8.56E+03	1.03E+03	4.65E+02	1.45E+00	1.56E+00	1.61E+00	7.04E-01	6.50E+00	7.46E+00	7.13E+00	1.07E+01	1.29E+01	NA	NA	NA						
MW-45-42	Q2-2011 Mid	025	37	16.6	7/25/2011	13:23	3.94E+04	2.07E+03	4.36E+02	1.14E+00	1.30E+00	1.37E+00	3.09E+00	7.41E+00	8.65E+00	-2.66E+00	1.01E+01	1.05E+01	NA	NA	NA						
MW-45-42	Q3-2011 Mid	026	37	16.6	8/23/2011	13:58	2.72E+04	1.63E+03	4.50E+02	1.77E-01	9.15E-01	1.10E+00	8.73E-01	1.12E+01	1.05E+01	-7.52E+00	1.06E+01	8.89E+00	NA	NA	NA						
MW-45-42	Q4-2011	027	37	16.6	11/28/2011	15:03	1.65E+03	6.27E+02	5.10E+02	8.10E-01	1.75E+00	1.95E+00	1.21E+00	5.94E+00	7.69E+00	-2.64E+00	6.96E+00	7.84E+00	NA	NA	NA						
MW-45-61	Q1-2011	023	58	-4.4	2/16/2011	16:15	1.84E+03	5.20E+02	3.98E+02	-2.25E-01	1.64E+00	1.96E+00	1.38E+00	4.80E+00	5.41E+00	9.89E-01	5.46E+00	6.15E+00	NA	NA	NA	3.49E+03	ND	ND	ND	NA	MW-45-61
MW-45-61	Q2-2011	024	58	-4.4	4/20/2011	10:07	2.03E+03	6.12E+02	4.74E+02	7.22E-01	1.36E+00	1.51E+00	-4.02E+00	7.76E+00	7.55E+00	-8.47E-01	7.56E+00	7.91E+00	NA	NA	NA						
MW-45-61	Q2-2011 Mid	025	58	-4.4	7/25/2011	10:00	5.63E+03	8.49E+02	4.33E+02	9.47E-01	1.19E+00	1.25E+00	1.42E+00	5.79E+00	6.69E+00	2.07E+00	8.34E+00	9.68E+00	NA	NA	NA						
MW-45-61	Q3-2011 Mid	026	58	-4.4	8/23/2011	10:48	5.91E+03	8.13E+02	4.34E+02	7.01E-01	1.16E+00	1.26E+00	-8.68E-01	7.44E+00	7.90E+00	1.84E+00	6.63E+00	7.89E+00	NA	NA	NA						
MW-45-61	Q4-2011	027	58	-4.4	11/28/2011	11:44	2.06E+03	6.72E+02	5.16E+02	4.76E-01	1.70E+00	1.97E+00	3.28E-01	7.41E+00	9.39E+00	-6.01E-01	9.42E+00	1.19E+01	NA	NA	NA						

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TABLE 3
FOURTH QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-46	Q1-2011	023	10.5	7.6	2/23/2011	12:46	2.47E+03	5.70E+02	3.98E+02	1.12E+00	1.89E+00	2.06E+00	-2.22E+00	5.28E+00	5.28E+00	5.21E-01	5.10E+00	5.66E+00	NA	NA	NA	3.28E+03	ND	ND	ND	NA	MW-46
MW-46	Q2-2011	024	10.5	7.6	4/25/2011	11:19	5.25E+03	7.54E+02	3.95E+02	1.48E+00	1.72E+00	1.80E+00	-2.48E+00	7.24E+00	7.06E+00	-4.44E+00	7.44E+00	6.77E+00	NA	NA	NA						
MW-46	Q2-2011 Mid	025	10.5	7.6	7/13/2011	13:29	3.08E+03	7.17E+02	2.86E+02	8.44E-01	1.19E+00	1.26E+00	3.71E+00	8.64E+00	1.04E+01	-9.54E-01	1.02E+01	1.08E+01	NA	NA	NA						
MW-46	Q3-2011	026	10.5	7.6	8/17/2011	11:36	3.30E+03	6.72E+02	4.50E+02	8.77E-01	1.21E+00	1.29E+00	3.43E-01	7.86E+00	8.82E+00	-1.10E+00	7.50E+00	7.97E+00	NA	NA	NA						
MW-46	Q4-2011	027	10.5	7.6	10/20/2011	13:35	2.28E+03	4.68E+02	3.46E+02	3.95E-01	1.30E+00	1.52E+00	-4.36E+00	8.19E+00	8.94E+00	-1.03E+00	8.07E+00	1.01E+01	NA	NA	NA						
MW-47-56	Q2-2011 Mid	006	53.2	17.1	7/6/2011	15:32	3.52E+03	6.57E+02	4.48E+02	4.63E-01	1.08E+00	1.22E+00	-1.56E+00	1.11E+01	1.20E+01	1.45E-01	7.41E+00	8.25E+00	-1.99E+01	2.17E+01	2.50E+01	3.12E+03	ND	ND	ND	ND	MW-47-56
MW-47-56	Q3-2011 Mid	007	53.2	17.1	8/18/2011	12:39	5.42E+02	2.76E+02	2.00E+02	1.03E+00	1.28E+00	1.31E+00	-8.54E-01	1.13E+01	1.25E+01	3.86E+00	8.64E+00	1.07E+01	-2.22E+00	1.75E+01	2.00E+01						
MW-47-56	Q4-2011	008	53.2	17.1	10/28/2011	11:36	5.31E+03	8.52E+02	4.99E+02	-6.21E-01	8.79E-01	1.40E+00	1.34E+00	8.85E+00	1.07E+01	2.06E-01	1.01E+01	1.29E+01	-6.21E+00	1.24E+01	1.44E+01						
MW-47-80	Q2-2011 Mid	005	74	-3.7	7/6/2011	14:37	1.36E+05	3.36E+03	4.50E+02	1.95E+00	1.33E+00	1.22E+00	-1.57E+00	8.37E+00	8.73E+00	-3.43E+00	7.80E+00	7.13E+00	3.07E+00	2.59E+01	2.89E+01	1.23E+05	2.04E+00	ND	ND	ND	MW-47-80
MW-47-80	Q3-2011 Mid	006	74	-3.7	8/18/2011	11:36	1.37E+05	4.08E+03	2.18E+02	8.23E-01	1.22E+00	1.29E+00	-5.83E+00	9.30E+00	8.60E+00	-6.32E-01	8.79E+00	9.27E+00	-1.15E+00	1.88E+01	2.15E+01						
MW-47-80	Q4-2011	007	74	-3.7	10/28/2011	13:24	9.68E+04	3.21E+03	5.07E+02	2.13E+00	1.58E+00	1.38E+00	-1.35E+00	6.54E+00	7.91E+00	1.21E+00	6.45E+00	8.88E+00	3.54E+00	1.31E+01	1.46E+01						
MW-49-26	Q1-2011	023	19.1	-4.4	1/28/2011	13:37	3.17E+03	6.00E+02	4.29E+02	1.30E+01	2.86E+00	2.01E+00	3.39E-01	1.04E+01	7.00E+00	-2.43E+00	6.42E+00	6.44E+00	-4.38E+00	1.87E+01	2.20E+01	3.84E+03	1.27E+01	ND	ND	ND	MW-49-26
MW-49-26	Q2-2011	024	19.1	-4.4	4/15/2011	11:58	3.29E+03	7.18E+02	4.80E+02	1.26E+01	3.06E+00	1.91E+00	4.75E+00	1.07E+01	1.27E+01	4.03E+00	1.20E+01	1.47E+01	1.81E+00	1.50E+01	1.72E+01						
MW-49-26	Q3-2011	025	19.1	-4.4	8/10/2011	10:46	3.97E+03	6.39E+02	2.00E+02	1.26E+01	2.89E+00	1.34E+00	-1.94E+00	9.06E+00	9.33E+00	2.94E+00	8.31E+00	1.00E+01	-1.77E+01	2.04E+01	2.57E+01						
MW-49-26	Q4-2011	026	19.1	-4.4	11/4/2011	11:50	4.92E+03	8.37E+02	5.06E+02	1.27E+01	2.95E+00	1.25E+00	2.60E+00	1.11E+01	7.92E+00	5.17E+00	8.04E+00	1.17E+01	-2.73E+00	1.26E+01	1.44E+01						
MW-49-42	Q1-2011	023	38.1	-23.4	1/28/2011	13:00	2.45E+03	5.38E+02	3.86E+02	2.30E+01	4.02E+00	2.02E+00	-1.07E+00	5.74E+00	6.21E+00	-2.45E+00	5.50E+00	5.32E+00	-3.26E+00	1.86E+01	2.18E+01	3.27E+03	1.90E+01	ND	ND	ND	MW-49-42
MW-49-42	Q2-2011	024	38.1	-23.4	4/15/2011	11:55	1.90E+03	6.04E+02	4.78E+02	1.57E+01	3.34E+00	2.07E+00	-6.72E+00	7.62E+00	6.17E+00	1.15E-01	7.72E+00	8.33E+00	6.68E+00	1.55E+01	1.73E+01						
MW-49-42	Q3-2011	025	38.1	-23.4	8/10/2011	11:16	3.83E+03	6.21E+02	1.96E+02	1.61E+01	3.24E+00	1.64E+00	-1.22E+00	8.94E+00	9.69E+00	-3.72E+00	8.79E+00	8.23E+00	-1.40E+01	1.81E+01	2.15E+01						
MW-49-42	Q4-2011	026	38.1	-23.4	11/4/2011	11:43	4.91E+03	8.19E+02	4.90E+02	2.11E+01	3.90E+00	1.51E+00	5.99E-01	1.87E+01	1.10E+01	-3.91E+00	1.04E+01	1.20E+01	4.27E+00	1.30E+01	1.45E+01						
MW-49-65	Q1-2011	023	60	-45.4	1/28/2011	13:15	1.94E+03	5.02E+02	3.85E+02	1.15E+01	3.28E+00	2.06E+00	-6.30E-01	4.96E+00	5.21E+00	7.15E-01	5.20E+00	5.81E+00	-9.08E+00	1.83E+01	2.20E+01	2.75E+03	1.48E+01	ND	ND	ND	MW-49-65
MW-49-65	Q2-2011	024	60	-45.4	4/15/2011	11:50	2.38E+03	6.48E+02	4.81E+02	1.62E+01	3.12E+00	1.60E+00	2.59E+00	9.66E+00	1.12E+01	4.62E-02	1.01E+01	1.10E+01	4.11E+00	1.49E+01	1.68E+01						
MW-49-65	Q3-2011	025	60	-45.4	8/10/2011	10:55	2.43E+03	5.10E+02	2.00E+02	1.14E+01	2.75E+00	1.42E+00	1.12E-01	7.77E+00	8.40E+00	-4.19E+00	9.00E+00	8.02E+00	-6.91E-01	1.81E+01	2.05E+01						
MW-49-65	Q4-2011	026	60	-45.4	11/4/2011	11:47	4.24E+03	7.23E+02	4.64E+02	2.02E+01	3.60E+00	1.47E+00	-4.27E+00	8.88E+00	9.11E+00	-6.56E-01	9.45E+00	1.15E+01	7.03E-01	1.21E+01	1.36E+01						
MW-50-42	Q1-2011	024	42	-27.1	2/25/2011	12:36	5.61E+02	3.88E+02	3.85E+02	5.42E+00	2.34E+00	1.91E+00	-1.29E-01	5.46E+00	5.88E+00	-9.07E-01	4.42E+00	4.42E+00	-7.19E+00	1.82E+01	2.18E+01	1.46E+03	1.15E+01	ND	ND	ND	MW-50-42
MW-50-42	Q2-2011	025	42	-27.1	5/3/2011	12:05	3.77E+03	5.58E+02	3.41E+02	9.53E+00	2.20E+00	1.04E+00	1.92E+00	9.44E+00	1.07E+01	5.79E-01	1.02E+01	1.16E+01	5.86E-01	1.69E+01	1.92E+01						
MW-50-42	Q2-2011 Mid	026	42	-27.1	7/25/2011	12:18	1.03E+03	4.89E+02	4.43E+02	3.01E+00	2.09E+00	2.02E+00	-1.11E+00	7.86E+00	8.36E+00	6.63E-02	8.16E+00	9.04E+00	3.81E+00	1.71E+01	1.91E+01						
MW-50-42	Q3-2011	027	42	-27.1	8/19/2011	12:10	9.52E+02	3.42E+02	2.00E+02	9.47E+00	2.60E+00	1.31E+00	2.17E+00	8.01E+00	9.07E+00	4.72E+00	9.81E+00	1.22E+01	-7.08E+00	1.81E+01	2.10E+01						
MW-50-42	Q4-2011	028	42	-27.1	10/27/2011	10:48	9.99E+02	5.25E+02	4.92E+02	3.02E+01	4.44E+00	1.54E+00	1.76E+00	7.11E+00	9.22E+00	-2.60E+00	8.01E+00	9.51E+00	-5.76E+00	1.21E+01	1.41E+01						
MW-50-66	Q1-2011	029	60	-45.1	2/25/2011	12:36	3.76E+03	6.18E+02	3.83E+02	2.61E+01	4.02E+00	2.13E+00	2.94E+00	7.20E+00	8.24E+00	6.79E-01	8.00E+00	9.10E+00	-2.80E+00	1.81E+01	2.12E+01	5.99E+03	2.62E+01	ND	ND	ND	MW-50-66
MW-50-66	Q2-2011	030	60	-45.1	5/3/2011	12:07	4.73E+03	6.12E+02	3.45E+02	2.63E+01	3.30E+00	1.08E+00	0.00E+00	1.77E+01	9.05E+00	-2.32E+00	9.06E+00	9.12E+00	8.43E+00	1.70E+01	1.88E+01						
MW-50-66	Q2-2011 Mid	031	60	-45.1	7/25/2011	12:26	6.50E+03	8.73E+02	4.48E+02	2.61E+01	4.08E+00	1.35E+00	-4.59E-01	7.02E+00	7.74E+00	3.81E+00	8.55E+00	1.07E+01	1.02E+01	1.66E+01	1.81E+01						
MW-50-66	Q3-2011	032	60	-45.1	8/19/2011	12:12	7.15E+03	8.49E+02	2.00E+02	2.57E+01	4.05E+00	1.65E+00	3.97E+00	8.46E+00	1.01E+01	1.73E+00	9.03E+00	1.05E+01	-8.92E+00	1.80E+01	2.11E+01						
MW-50-66	Q4-2011	033	60	-45.1	10/27/2011	10:53	7.83E+03	9.87E+02	4.94E+02	2.66E+01	4.35E+00	1.59E+00	-6.49E-01	8.64E+00	1.02E+01	1.01E+01	1.01E+01	1.49E+01	-4.90E+00	1.66E+01	1.92E+01						
MW-51-40	Q1-2011	018	39.7	28	3/8/2011	10:18	1.02E+02	2.34E+02	2.67E+02	1.07E+00	1.51E+00	1.61E+00	-7.97E+00	1.21E+01	1.36E+01	2.42E+00	7.30E+00	8.76E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-40
MW-51-40	Q2-2011	019	39.7	28	4/29/2011	10:41	3.63E+02	4.14E+02	4.35E+02	2.26E-01	1.37E+00	1.59E+00	-3.40E+00	9.48E+00	9.62E+00	6.20E+00	1.11E+01	1.40E+01	NA	NA	NA						
MW-51-40	Q3-2011	020	39.7	28	7/28/2011	11:43	3.78E+01	3.06E+02	3.52E+02	-2.51E-01	1.37E+00	1.85E+00	-2.58E+00	1.35E+01	1.68E+01	-3.37E+00	9.33E+00	9.05E+00	NA	NA	NA						
MW-51-40	Q4-2011	021	39.7	28	12/12/2011	10:43	1.86E+02	3.06E+02	3.28E+02	-7.34E-01	1.58E+00	1.94E+00	-5.53E+00	8.49E+00	9.48E+00	4.82E+00	7.89E+00	1.18E+01	-3.48E+00	1.39E+01	1.58E+01						
MW-51-79	Q1-2011	018	78.7	-11	3/8/2011	10:34	1.36E+02	2.46E+02	2.70E+02	-2.03E-01	1.22E+00	1.53E+00	2.42E+00	5.42E+00	6.52E+00	-2.74E+00	7.36E+00	6.45E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-79
MW-51-79	Q2-2011	019	78.7	-11	4/29/2011	10:57	1.17E+02	3.82E+02	4.33E+02	1.03E+00	1.67E+00	1.82E+00	-4.93E-01	7.56E+00	8.23E+00	-8.38E-01	8.08E+00	8.53E+00	NA	NA	NA						
MW-51-79	Q3-2011	020	78.7	-11	7/28/2011	11:55	-1.93E+01	3.09E+02	3.60E+02	1.36E-01	1.63E+00	1.96E+00	2.20E+00	8.28E+00	9.43E+00	-5.24E-01	9.27E+00	9.93E+00	NA	NA	NA						
MW-51-79	Q4-2011	021	78.7	-11	12/12/2011	11:09	1.50E+02	2.95E+02	3.29E+02	-1.38E-01	1.52E+00	1.90E+00	-3.25E+00	7.98E+00	8.95E+00	-3.01E-01	7.62E+00	9.88E+00	-1.12E+00	1.13E+01	1.27E+01						
MW-51-104	Q1-2011	016	103.7	-36	3/8/2011	12:10	5.76E+01	3.10E+02	3.55E+02	8.91E-01	1.47E+00	1.60E+00	2.54E+00	7.20E+00	8.14E+00	9.02E-01	5.50E+00	6.24E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-104
MW-51-104	Q2-2011	017	103.7	-36	4/29/2011	12:35	1.97E+02	3.90E+02	4.32E+02	1.41E+00	1.45E+00	1.48E+00	-1.90E+00	1.08E+01	1.25E+01	-6.79E-01	1.10E+01	1.20E+01	NA	NA	NA						
MW-51-104	Q3-2011	018	103.7	-36	7/28/2011	9:51	1.64E+02	3.18E+02	3.51E+02	-8.86E-01	1.26E+00	1.94E+00	-1.15E-01	6.18E+00	6.84E+00	-3.12E+00	8.10E+00	7.98E+00	NA	NA	NA						
MW-51-104	Q4-2011	019	103.7	-36	12/12/2011	12:12	1.48E+02	2.91E+02	3.23E+02	1.23E+00	1.76E+00	1.85E+00	-3.81E+00	9.12E+00	1.01E+01	9.25E+00	9.60E+00	1.43E+01	-3.91E+00	1.33E+01	1.51E+01						
MW-51-135	Q1-2011	016	135.2	-67.5	3/8/2011	12:44	8.29E+01	2.24E+02	2.62E+02	8.62E-01	1.31E+00	1.42E+00	8.60E-02	6.02E+00	6.77E+00	2.37E+00	5.96E+00	7.38E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-135
MW-51-135	Q2-2011	017	135.2	-67.5	4/29/2011	13:16	0.00E+00	3.66E+02	4.35E+02	1.14E+00	1.52E+00	1.63E+00	2.52E+00	1.01E+01	1.17E+01	-5.69E-01	9.00E+00	9.56E+00	NA	NA	NA						
MW-51-135	Q3-2011	018	135.2	-67.5	7/28/2011	10:04	-5.63E+01	2.96E+02	3.49E+02	8.06E-01	1.71E+00	1.92E+00	4.41E+00	8.22E+00	9.83E+00	1.32E+00	9.36E+00	1.05E+01	NA	NA	NA						
MW-51-135	Q4-2011	019	135.2	-67.5	12/12/2011	12:50	1.32E+02	2.93E+02	3.33E+02	2.67E-01	1.64E+00	1.94E+00	6.83E+00	9.42E+00	1.28E+01	-3.73E+00	8.40E+00	9.41E+00	-6.68E+00	1.18E+01	1.35E+01						
MW-51-163	Q1-2011	016	162.7	-95	3/8/2011	13:01	0.00E+00	1.96E+02	2.63E+02	-5.97E-01	1.39E+00	1.98E+00	2.81E+00	6.54E+00	7.66E+00	5.35E-01	7.76E+00	8.69E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-51-163
MW-51-163	Q2-2011	017	162.7	-95	4/29/2011	13:19	4.68E+01	3.66E+02	4.30E+02	5.27E-01	1.45E+00	1.65E+00	2.26E+00	8.40E+00	9.72E+00	9.25E-01	7.72E+00	8.87E+00	NA	NA	NA						
MW-51-163	Q3-2011	018	162.7	-95	7/28/2011	10:18	1.20E+02	3.18E+02	3.54E+02	-7.15E-01	1.26E+00	1.96E+00	6.34E-01	7.71E+00	8.41E+00	3.60E+00	9.69E+00	1.17E+01	NA	NA	NA						
MW-51-163	Q4-2011	019	162.7	-95	12/12/2011	12:26	1.71E+02	3.03E+02	3.32E+02	1.58E+00	1.81E+00	1.94E+00	2.25E+00	8.94E+00	1.16E+01	-8.50E-01	8.52E+00	1.08E+01	-3.59E+00	1.22E+01	1.38E+01						
MW-51-189*	Q1-2011	016	189.2	-121.5	3/8/2011	12:30	-1.50E+01	1.93E+02	2.68E+02	-3.06E-01	1.46E+00	1.97E+00	3.77E+01*	1.47E+01	6.28E+00	2.28E-01	5.28E+00	5.79E+00	NA	NA	NA	ND	ND	ND*	ND	NA	MW-51-189*
MW-51-189	Q2-2011	017	189.2	-121.5	4/29/2011	12:52	2.32E+02	3.96E+02	4.33E+02	1.28E+00	1.50E+00	1.57E+00	-8.07E-01	5.82E+00	6.25E+00	-5.07E+00	9.48E+00	8.89E+00	NA	NA	NA						
MW-51-189	Q3-2011	018	189.2	-121.5	7/28/2011	10:42	-5.69E+00	3.03E+02	3.53E+02	3.69E-02	1.66E+00	1.95E+00	2.36E+00	1.07E+01	1.02E+01	2.52E+00	1.01E+01	1.17E+01	NA	NA	NA						
MW-51-189	Q4-2011	019	189.2	-121.5	12/12/2011	12:23	-5.57E+01	2.30E+02	3.29E+02	-3.94E-01	1.43E+00	1.91E+00	-4.49E+00	8.10E+00	8.53E+00	1.93E+00	8.34E+00	1.13E+01	-9.34E+00	1.94E+01	2.22E+01						
MW-52-11	Q2-2011	006	10	6.8	4/22/2011	12:10	3.04E+02	4.08E+02	4.35E+02	1.29E-01	1.35E+00	1.60E+00	2.27E+00	1.02E+01	1.17E+01	5.08E+00	9.92E+00	1.24E+01	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-11
MW-52-11	Q2-2011 Mid	007	10	6.8	7/26/2011	12:32	3.39E+02	3.99E+02	4.21E+02	1.86E-01	1.49E+00	1.74E+00	1.71E+00	8.76E+00	9.71E+00	-2.27E+00	8.43E+00	8.63E+00	NA	NA	NA						
MW-52-18	Q2-2011	006	17.5	-2.6	4/22/2011	12:16	7.01E+01	3.76E+02	4.35E+02	1.37E+00	1.39E+00	1.42E+00	8.81E+00	1.29E+01	9.01E+00	-1.49E+00	9.44E+00	9.90E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-18
MW-52-18	Q2-2011 Mid	007	17.5	-2.6	7/26/2011	14:39	2.52E+02	3.87E+02	4.22E+02	1.06E+00	1.62E+00	1.76E+00	3.80E+00	6.45E+00	8.08E+00	-3.24E+00	8.10E+00	7.84E+00	NA	NA	NA						
MW-52-48	Q2-2011	006	48	-33.1	4/22/2011	12:18	1.06E+02	3.82E+02	4.36E+02	1.69E-01	1.37E+00	1.62E+00	-4.59E+00	7.58E+00	7.31E+00	1.35E+00	7.80E+00	9.17E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-48
MW-52-48	Q2-2011 Mid	007	48	-33.1	7/26/2011	15:08	7.68E+01	3.66E+02	4.21E+02	2.58E-01	1.20E+00	1.46E+00	2.34E+00	9.60E+00	1.07E+01	-7.68E-01	8.73E+00	1.01E+01	NA	NA	NA						
MW-52-64	Q2-2011	006	64	-49.1	4/22/2011	15:23	-2.26E+01	3.58E+02	4.32E+02	5.12E-01	1.13E+00	1.27E+00	1.87E+00	6.72E+00	7.70E+00	-8.05E+00	8.28E+00	6.18E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-52-64
MW-52-64	Q2-2011 Mid	007	64	-49.1	7/27/2011	10:45	1.35E+02	3.81E+02	4.31E+02	-4.58E-01	8.67E-01	1.27E+00	2.48E+00	7.17E+00	8.34E+00	6.66E-01	8.13E+00	9.05E+00	NA	NA	NA						
MW-52-122	Q2-2011	006	122	-107.1	4/22/2011	10:45	-2.27E+01	3.60E+02	4.33E+02	1.14E+00	1.17E+00	1.17E+00	3.48E+01	2.08E+01	9.71E+00	-1.96E+00	7.96E+00	7.90E+00	NA	NA	NA	ND	ND	3.48E+01	ND	NA	MW-52-122
MW-52-122	Q2-2011 Mid	007	122	-107.1	7/26/2011	13:36	-2.18E+01	3.48E+02	4.19E+02	1.05E-01	1.19E+00	1.47E+00	-5.49E+00	7.92E+00	7.50E+00	8.02E-01	6.84E+00	7.89E+00	NA	NA	NA						
MW-52-162	Q2-2011	006	161.5	-146.6	4/22/2011	10:18	1.85E+02	3.84E+02	4.29E+02	-7.50E-01	9.50E-01	1.42E+00	1.47E+00	8.40E+00	9.68E+00	1.95E-02	1.00E+01	1.10E+01	NA	NA	NA	5.16E+02	ND	ND	ND	NA	MW-52-162
MW-52-162	Q2-2011 Mid	007	161.5	-146.6	7/26/2011	11:33	5.16E+02	4.20E+02	4.22E+02	3.77E-03	1.21E+00	1.57E+00	4.29E-02	8.34E+00	9.09E+00	-2.32E+00	9.87E+00	1.00E+01	NA	NA	NA						
MW-52-181	Q2-2011	006	181	-166.1	4/22/2011	10:22	2.45E+02	3.96E+02	4.33E+02	1.18E+00	1.42E+00	1.48E+00	6.46E+01	2.68E+01	1.22E+01	-1.09E+00	1.22E+01	1.30E+01	NA	NA	NA	ND	ND	6.46E+01	ND	NA	MW-52-181
MW-52-181	Q2-2011 Mid	007	181	-166.1	7/26/2011	11:43	2.41E+02	3.87E+02	4.22E+02	3.57E-01	1.28E+00	1.54E+00	-1.99E+00	7.50E+00	7.52E+00	-1.27E+00	9.39E+00	9.97E+00	NA	NA	NA						
MW-53-82	Q1-2011	018	75	-4.7	3/3/2011	11:53	5.95E+02	3.76E+02	3.73E+02	1.61E+00	1.82E+00	1.91E+00	3.61E+00	6.18E+00	7.60E+00	-1.88E+00	7.02E+00	7.25E+00	-7.63E+00	1.59E+01	1.85E+01	6.45E+02	ND	ND	ND	ND	MW-53-82
MW-53-82	Q2-2011	019	75	-4.7	4/18/2011	12:45	6.24E+02	4.56E+02	4.50E+02	4.40E-01	1.45E+00	1.67E+00	-4.57E+00	9.82E+00	9.80E+00	3.12E+00	8.78E+00	1.07E+01	-5.86E-01	1.48E+01	1.72E+01						
MW-53-82	Q3-2011	021	75	-4.7	8/1/2011	11:11	7.16E+02	3.84E+02	3.71E+02	-5.52E-01	7.86E-01	1.06E+00	-2.46E+00	7.38E+00	7.34E+00	-3.40E-01	8.49E+00	9.05E+00	8.23E+00	1.80E+01	1.98E+01						
MW-53-82	Q4-2011	022	75	-4.7	11/2/2011	11:26	2.27E+02	4.50E+02	5.00E+02	-2.42E-01	1.09E+00	1.49E+00	-1.19E+00	6.78E+00	7.87E+00	-6.95E-01	8.73E+00	1.07E+01	-4.95E-01	1.24E+01	1.41E+01						
MW-53-120	Q1-2011	022	109.8	-39.5	3/3/2011	12:00	3.84E+03	7.18E+02	3.89E+02	2.95E+01	3.76E+00	1.13E+00	2.30E+00	7.32E+00	8.49E+00	-2.43E+00	8.14E+00	8.13E+00	1.00E+01	1.70E+01	1.87E+01	5.10E+03	3.46E+01	ND	ND	1.45E+01	MW-53-120
MW-53-120	Q2-2011	023	109.8	-39.5	4/18/2011	11:52	4.11E+03	7.72E+02	4.75E+02	3.55E+01	4.56E+00	1.67E+00	1.38E+00	8.82E+00	9.99E+00	4.87E-01	9.24E+00	1.02E+01	1.76E+01	1.77E+01	1.87E+01						
MW-53-120	Q3-2011	025	109.8	-39.5	8/1/2011	10:00	4.44E+03	6.15E+02	3.71E+02	3.30E+01	5.22E+00	1.94E+00	-2.07E+00	8.49E+00	8.67E+00	-5.10E-01	9.36E+00	1.01E+01	1.45E+01	1.02E+01	1.07E+01						
MW-53-120	Q4-2011	026	109.8	-39.5	11/2/2011	11:56	8.02E+03	9.27E+02	4.67E+02	4.05E+01	5.16E+00	1.52E+00	4.60E+00	8.52E+00	1.15E+01	-1.89E-01	7.89E+00	1.03E+01	2.58E+00	1.93E+01	2.17E+01						
MW-54-37	Q1-2011	016	36.5	-23.4	2/1/2011	14:10	1.33E+03	4.86E+02	3.78E+02	4.88E+00	1.77E+00	1.26E+00	-1.42E+00	5.54E+00	5.67E+00	3.12E-01	6.42E+00	7.04E+00	-2.81E+00	1.59E+01	1.82E+01	1.59E+04	4.65E+00	ND	ND	ND	MW-54-37
MW-54-37	Q2-2011	017	36.5	-23.4	4/12/2011	12:02	5.16E+03	8.40E+02	4.76E+02	4.91E+00	2.08E+00	1.69E+00	2.95E+00	8.26E+00	9.69E+00	2.50E+00	8.26E+00	9.96E+00	3.16E+00	1.45E+01	1.65E+01						
MW-54-37	Q2-2011 Mid	018	36.5	-23.4	7/18/2011	13:45	2.79E+04	1.67E+03	4.43E+02	4.34E+00	2.19E+00	1.85E+00	-1.17E+00	6.36E+00	6.58E+00	4.07E+00	9.21E+00	1.09E+01	1.56E+01	1.91E+01	2.07E+01						
MW-54-37

TABLE 3
FOURTH QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-54-58	Q1-2011	016	57.5	-44.4	2/1/2011	14:22	9.58E+02	4.56E+02	3.92E+02	1.68E+00	1.34E+00	1.28E+00	-4.20E-02	7.14E+00	7.94E+00	-2.21E+00	6.84E+00	6.82E+00	-4.89E+00	1.66E+01	1.92E+01	2.70E+03	1.59E+00	ND	ND	ND	MW-54-58
MW-54-58	Q2-2011	017	57.5	-44.4	4/12/2011	12:04	9.94E+02	5.20E+02	4.79E+02	1.15E+00	1.84E+00	2.01E+00	1.70E+00	8.58E+00	9.66E+00	1.14E+00	8.74E+00	9.95E+00	5.01E+00	1.58E+01	1.78E+01						
MW-54-58	Q2-2011 Mid	018	57.5	-44.4	7/18/2011	13:33	2.48E+03	6.12E+02	4.44E+02	1.49E+00	1.21E+00	1.14E+00	-1.98E+00	8.85E+00	9.27E+00	2.35E-01	9.09E+00	1.01E+01	1.83E+01	1.97E+01	2.13E+01						
MW-54-58	Q3-2011	019	57.5	-44.4	8/15/2011	9:47	4.23E+03	6.63E+02	2.02E+02	-1.92E-01	9.75E-01	1.31E+00	-1.08E+00	8.61E+00	8.19E+00	-8.43E-01	9.45E+00	1.01E+01	2.37E+00	1.84E+01	2.07E+01						
MW-54-58	Q4-2011	020	57.5	-44.4	12/6/2011	10:23	4.83E+03	6.48E+02	3.70E+02	1.60E+00	1.80E+00	1.91E+00	9.45E-01	4.23E+00	5.14E+00	1.72E+00	4.56E+00	5.85E+00	2.66E+00	1.25E+01	1.40E+01						
MW-54-123	Q1-2011	016	123	-109.9	2/1/2011	14:11	1.08E+03	4.68E+02	3.90E+02	2.56E+00	1.39E+00	1.08E+00	-3.56E-01	6.02E+00	6.69E+00	-3.66E-03	5.16E+00	5.75E+00	2.50E+00	1.66E+01	1.87E+01	1.52E+03	3.25E+00	ND	ND	ND	MW-54-123
MW-54-123	Q2-2011	017	123	-109.9	4/12/2011	12:22	8.24E+02	4.98E+02	4.77E+02	3.44E+00	1.96E+00	1.72E+00	-5.24E+00	8.14E+00	7.60E+00	1.86E+00	8.04E+00	9.55E+00	-3.35E+00	1.48E+01	1.75E+01						
MW-54-123	Q2-2011 Mid	018	123	-109.9	7/18/2011	14:06	5.70E+02	4.44E+02	4.46E+02	7.16E-01	1.02E+00	1.07E+00	1.92E+00	9.66E+00	1.05E+01	3.87E-02	6.30E+00	6.97E+00	6.27E+00	1.84E+01	2.04E+01						
MW-54-123	Q3-2011	019	123	-109.9	8/15/2011	9:55	1.21E+03	3.75E+02	2.00E+02	3.74E+00	2.03E+00	1.78E+00	5.50E-01	8.46E+00	9.31E+00	-5.09E-01	8.88E+00	9.49E+00	-3.43E+00	1.94E+01	2.22E+01						
MW-54-123	Q4-2011	020	123	-109.9	12/6/2011	10:37	3.92E+03	6.00E+02	3.71E+02	1.55E+00	1.86E+00	1.95E+00	-1.21E+00	4.38E+00	4.89E+00	1.04E+00	5.01E+00	6.08E+00	5.81E+00	1.28E+01	1.41E+01						
MW-54-144	Q1-2011	016	144	-130.9	2/1/2011	12:34	1.35E+03	4.96E+02	3.87E+02	9.31E+00	2.24E+00	1.06E+00	-9.04E-01	6.14E+00	6.70E+00	-6.36E-01	6.20E+00	6.74E+00	-4.27E+00	1.58E+01	1.82E+01	3.86E+03	1.05E+01	ND	ND	ND	MW-54-144
MW-54-144	Q2-2011	017	144	-130.9	4/12/2011	9:50	1.48E+03	5.68E+02	4.79E+02	1.20E+01	2.92E+00	1.81E+00	6.43E+00	7.44E+00	9.59E+00	-4.68E+00	9.58E+00	8.86E+00	-2.75E+00	1.48E+01	1.74E+01						
MW-54-144	Q2-2011 Mid	018	144	-130.9	7/18/2011	12:38	4.34E+03	7.41E+02	4.43E+02	1.13E+01	2.44E+00	1.26E+00	3.37E+00	7.47E+00	8.78E+00	-3.49E+00	8.91E+00	8.88E+00	1.53E+01	1.87E+01	2.03E+01						
MW-54-144	Q3-2011	019	144	-130.9	8/15/2011	11:44	5.27E+03	7.23E+02	1.96E+02	1.10E+01	2.75E+00	1.62E+00	4.07E+00	9.39E+00	1.10E+01	4.25E-01	9.81E+00	1.08E+01	-5.13E+00	1.89E+01	2.18E+01						
MW-54-144	Q4-2011	020	144	-130.9	12/6/2011	13:25	6.85E+03	7.44E+02	3.71E+02	9.05E+00	2.99E+00	1.96E+00	8.64E-01	5.58E+00	6.45E+00	3.97E-01	5.58E+00	6.68E+00	-2.77E+00	1.22E+01	1.38E+01						
MW-54-173	Q1-2011	016	172.5	-159.4	2/1/2011	12:29	1.66E+03	5.26E+02	3.81E+02	5.81E+00	1.88E+00	1.10E+00	-2.87E-01	8.00E+00	8.79E+00	1.01E+00	1.06E+01	1.20E+01	-5.49E+00	1.77E+01	2.05E+01	1.64E+03	4.66E+00	ND	ND	ND	MW-54-173
MW-54-173	Q2-2011	017	172.5	-159.4	4/12/2011	9:56	1.26E+03	5.46E+02	4.78E+02	3.91E+00	1.92E+00	1.58E+00	-1.29E+01	1.38E+01	1.53E+01	5.93E+00	9.66E+00	1.25E+01	-2.17E+00	1.50E+01	1.76E+01						
MW-54-173	Q2-2011 Mid	018	172.5	-159.4	7/18/2011	12:20	1.48E+03	5.28E+02	4.40E+02	4.54E+00	1.64E+00	1.11E+00	2.97E-01	6.84E+00	7.45E+00	1.10E+00	6.51E+00	7.50E+00	-5.43E+00	1.56E+01	1.75E+01						
MW-54-173	Q3-2011	019	172.5	-159.4	8/15/2011	11:50	1.50E+03	4.08E+02	1.97E+02	4.32E+00	1.94E+00	1.48E+00	-1.36E+00	1.01E+01	1.05E+01	-7.70E-01	1.21E+01	1.33E+01	-7.41E+00	2.05E+01	2.42E+01						
MW-54-173	Q4-2011	020	172.5	-159.4	12/6/2011	13:26	2.32E+03	6.66E+02	3.26E+02	4.72E+00	2.32E+00	1.97E+00	-8.33E-01	4.83E+00	5.47E+00	9.05E-01	5.19E+00	6.34E+00	-2.75E+00	1.24E+01	1.41E+01						
MW-54-190	Q1-2011	016	190	-176.9	2/1/2011	12:25	1.89E+03	5.56E+02	3.90E+02	1.68E+01	3.36E+00	1.28E+00	4.59E-01	6.34E+00	7.14E+00	-3.55E+00	5.96E+00	5.21E+00	1.71E+00	1.67E+01	1.89E+01	3.68E+03	1.81E+01	ND	ND	ND	MW-54-190
MW-54-190	Q2-2011	017	190	-176.9	4/12/2011	10:01	2.07E+03	6.18E+02	4.78E+02	1.90E+01	3.38E+00	1.77E+00	3.33E+00	7.86E+00	9.23E+00	8.70E-01	9.00E+00	1.00E+01	3.35E-01	1.58E+01	1.82E+01						
MW-54-190	Q2-2011 Mid	018	190	-176.9	7/18/2011	12:14	2.37E+03	6.06E+02	4.45E+02	1.75E+01	2.85E+00	1.12E+00	2.24E+00	1.16E+01	1.29E+01	-2.72E+00	1.18E+01	1.22E+01	-3.86E+00	1.55E+01	1.74E+01						
MW-54-190	Q3-2011	019	190	-176.9	8/15/2011	12:00	3.31E+03	5.88E+02	2.00E+02	1.89E+01	3.39E+00	1.22E+00	-3.96E+00	8.61E+00	7.57E+00	-4.68E+00	8.73E+00	8.11E+00	-5.67E+00	1.96E+01	2.30E+01						
MW-54-190	Q4-2011	020	190	-176.9	12/6/2011	13:38	8.77E+03	8.22E+02	3.68E+02	1.81E+01	3.72E+00	1.90E+00	5.15E-01	3.87E+00	4.56E+00	1.47E+00	4.11E+00	5.26E+00	3.28E+00	1.21E+01	1.34E+01						
MW-55-24	Q1-2011	017	16	2.3	2/3/2011	14:13	1.02E+03	4.48E+02	4.20E+02	1.09E+01	2.82E+00	1.96E+00	-3.57E-01	4.92E+00	5.43E+00	4.75E+00	8.74E+00	7.44E+00	-5.31E+00	1.81E+01	2.14E+01	1.77E+03	1.57E+01	ND	ND	ND	MW-55-24
MW-55-24	Q3-2011	018	16	2.3	8/12/2011	12:12	1.71E+03	4.35E+02	2.01E+02	1.29E+01	3.21E+00	1.59E+00	-4.41E+00	7.32E+00	6.86E+00	5.14E-01	7.95E+00	8.82E+00	6.75E+00	2.09E+01	2.34E+01						
MW-55-24	Q4-2011	019	16	2.3	11/14/2011	11:26	2.57E+03	6.66E+02	4.98E+02	2.33E+01	4.08E+00	1.56E+00	0.00E+00	8.49E+00	1.07E+01	3.56E+00	1.08E+01	1.50E+01	-7.45E+00	1.87E+01	2.17E+01						
MW-55-35	Q1-2011	016	32	-13.8	2/3/2011	14:16	1.70E+03	4.84E+02	3.86E+02	1.93E+01	3.42E+00	2.05E+00	8.32E-01	5.82E+00	6.45E+00	1.03E+00	6.24E+00	7.03E+00	-2.16E+00	1.86E+01	2.17E+01	2.48E+03	1.97E+01	ND	ND	ND	MW-55-35
MW-55-35	Q3-2011	017	32	-13.8	8/12/2011	12:15	2.94E+03	5.58E+02	2.01E+02	1.63E+01	3.18E+00	1.50E+00	4.22E-01	7.50E+00	8.42E+00	-1.40E+00	8.31E+00	8.83E+00	-1.22E+01	2.17E+01	2.60E+01						
MW-55-35	Q4-2011	018	32	-13.8	11/14/2011	11:23	2.79E+03	6.84E+02	5.00E+02	2.35E+01	3.99E+00	1.60E+00	2.04E-01	7.08E+00	8.67E+00	8.98E-01	8.22E+00	1.06E+01	4.79E+00	1.87E+01	2.09E+01						
MW-55-54	Q1-2011	017	47	-28.8	2/3/2011	14:17	8.46E+03	8.58E+02	3.89E+02	1.91E+01	3.78E+00	1.95E+00	3.62E+00	5.80E+00	7.00E+00	-6.59E-01	7.44E+00	7.93E+00	-8.13E+00	1.78E+01	2.14E+01	7.65E+03	1.95E+01	ND	ND	ND	MW-55-54
MW-55-54	Q3-2011	018	47	-28.8	8/12/2011	12:09	8.53E+03	9.24E+02	2.00E+02	2.20E+01	3.36E+00	1.17E+00	7.03E+00	8.73E+00	1.08E+01	-2.52E+00	8.07E+00	7.92E+00	-2.57E+00	1.96E+01	2.27E+01						
MW-55-54	Q4-2011	019	47	-28.8	11/14/2011	11:07	5.97E+03	8.25E+02	4.67E+02	1.75E+01	3.57E+00	1.46E+00	-2.66E+00	8.67E+00	1.04E+01	3.60E+00	6.69E+00	1.03E+01	1.62E+00	1.92E+01	2.17E+01						
MW-56-53	Q2-2011	010	52	18.3	4/27/2011	12:08	1.18E+02	3.48E+02	3.97E+02	-3.07E-02	1.23E+00	1.60E+00	3.04E+00	8.50E+00	1.01E+01	-1.64E+00	8.42E+00	8.44E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-56-53
MW-56-53	Q2-2011 Mid	011	52	18.3	7/6/2011	12:58	2.03E+02	2.75E+02	2.83E+02	-3.68E-01	7.89E-01	1.12E+00	3.72E+00	7.77E+00	9.45E+00	-4.34E+00	8.82E+00	9.56E+00	-4.67E+00	2.28E+01	2.56E+01						
MW-56-53	Q3-2011 Mid	012	52	18.3	8/26/2011	11:06	2.47E+02	3.96E+02	4.32E+02	-6.50E-01	7.17E-01	1.13E+00	1.31E+00	8.97E+00	1.00E+01	2.45E+00	7.50E+00	9.03E+00	NA	NA	NA						
MW-56-53	Q4-2011	013	52	18.3	10/31/2011	12:13	6.15E+01	4.41E+02	5.09E+02	5.82E-02	1.09E+00	1.39E+00	4.08E+00	9.36E+00	1.24E+01	4.41E+00	8.22E+00	1.26E+01	4.96E+00	1.94E+01	2.17E+01						
MW-56-83	Q2-2011	012	74	-3.7	4/27/2011	13:46	7.64E+04	2.40E+03	4.19E+02	3.87E+00	1.60E+00	1.28E+00	-1.05E+00	1.14E+01	1.33E+01	-1.27E+00	9.50E+00	1.01E+01	NA	NA	NA	8.45E+04	2.81E+00	ND	ND	NA	MW-56-83
MW-56-83	Q2-2011 Mid	013	74	-3.7	7/6/2011	11:58	8.42E+04	3.54E+03	2.81E+02	1.45E+00	1.27E+00	1.19E+00	2.77E+00	2.01E+01	9.44E+00	4.20E-01	8.16E+00	9.20E+00	-1.36E+01	2.15E+01	2.46E+01						
MW-56-83	Q3-2011 Mid	014	74	-3.7	8/26/2011	10:56	1.05E+05	3.12E+03	4.42E+02	3.12E+00	1.61E+00	1.37E+00	-2.12E+00	8.13E+00	8.21E+00	-6.41E-01	8.67E+00	9.15E+00	NA	NA	NA						
MW-56-83	Q4-2011	015	74	-3.7	10/31/2011	12:00	7.25E+04	2.80E+03	5.11E+02	9.41E-01	1.49E+00	1.61E+00	2.19E+00	7.29E+00	9.56E+00	2.43E+00	8.94E+00	1.22E+01	-3.01E+00	2.14E+01	2.44E+01						
MW-57-11	Q2-2011	007	10	5	5/4/2011	10:28	6.40E+03	6.84E+02	3.41E+02	3.11E+01	3.62E+00	1.04E+00	3.74E+00	8.32E+00	9.74E+00	2.05E+00	8.40E+00	9.72E+00	6.20E+00	1.66E+01	1.85E+01	7.01E+03	3.02E+01	ND	ND	ND	MW-57-11
MW-57-11	Q2-2011 Mid	008	10	5	7/18/2011	11:57	7.36E+03	9.18E+02	4.45E+02	3.87E+01	5.28E+00	2.11E+00	3.27E-01	8.88E+00	9.84E+00	-2.34E+00	9.18E+00	9.39E+00	-6.76E+00	1.48E+01	1.67E+01						
MW-57-11	Q3-2011 Mid	009	10	5	8/19/2011	9:49	7.27E+03	8.58E+02	2.02E+02	2.08E+01	3.21E+00	1.24E+00	4.49E+00	7.50E+00	9.07E+00	2.31E+00	7.74E+00	9.17E+00	4.92E-01	2.06E+01	2.36E+01						
MW-57-20	Q2-2011	007	19	-4	5/4/2011	10:37	2.03E+04	1.15E+03	3.44E+02	1.74E+00	1.11E+00	9.49E-01	1.48E+00	7.52E+00	8.43E+00	-7.32E-01	9.22E+00	1.02E+01	-5.44E+00	1.64E+01	1.91E+01	2.77E+04	1.64E+00	ND	ND	ND	MW-57-20
MW-57-20	Q2-2011 Mid	008	19	-4	7/18/2011	12:09	3.81E+04	1.94E+03	4.43E+02	1.27E+00	1.08E+00	1.01E+00	-5.13E+00	7.71E+00	7.35E+00	9.16E-01	8.67E+00	9.92E+00	-5.69E+00	1.93E+01	2.20E+01						
MW-57-20	Q3-2011 Mid	009	19	-4	8/19/2011	9:54	2.47E+04	1.55E+03	1.98E+02	1.90E+00	1.68E+00	1.56E+00	-2.01E+00	7.35E+00	7.66E+00	1.68E+00	8.07E+00	9.48E+00	3.14E+00	1.98E+01	2.25E+01						
MW-57-45	Q2-2011	008	40	-25	5/4/2011	11:03	1.35E+04	9.48E+02	3.43E+02	9.06E-01	9.74E-01	9.60E-01	7.40E+00	9.54E+00	1.21E+01	-1.84E+00	9.48E+00	9.59E+00	6.39E+00	1.78E+01	1.98E+01	2.11E+04	ND	ND	ND	ND	MW-57-45
MW-57-45	Q2-2011 Mid	009	40	-25	7/18/2011	12:36	2.53E+04	1.60E+03	4.47E+02	1.28E+00	1.32E+00	1.34E+00	-2.08E-01	8.16E+00	8.83E+00	-7.58E-01	9.39E+00	9.67E+00	-1.04E+01	1.53E+01	1.74E+01						
MW-57-45	Q3-2011 Mid	010	40	-25	8/19/2011	10:19	2.46E+04	1.56E+03	2.02E+02	4.31E-01	1.01E+00	1.15E+00	-5.69E+00	1.03E+01	1.04E+01	2.03E+00	8.04E+00	9.53E+00	2.27E+00	2.09E+01	2.38E+01						
MW-58-26	Q2-2011	012	20	-5.4	5/3/2011	9:58	7.22E+02	4.30E+02	4.21E+02	3.15E-01	1.13E+00	1.32E+00	2.29E+00	5.80E+00	6.89E+00	-6.42E+00	9.02E+00	8.00E+00	NA	NA	NA	2.46E+03	ND	ND	ND	NA	MW-58-26
MW-58-26	Q2-2011 Mid	013	20	-5.4	7/5/2011	13:29	1.86E+03	5.46E+02	4.47E+02	-3.25E-01	1.10E+00	1.41E+00	7.41E-01	6.84E+00	7.61E+00	1.22E+00	7.32E+00	8.39E+00	-1.01E+01	1.99E+01	2.25E+01						
MW-58-26	Q3-2011 Mid	014	20	-5.4	8/26/2011	14:47	2.47E+03	5.10E+02	1.99E+02	-6.17E-02	7.95E-01	1.05E+00	2.39E-01	7.65E+00	8.47E+00	3.25E-01	8.22E+00	9.22E+00	NA	NA	NA						
MW-58-26	Q4-2011	015	20	-5.4	11/15/2011	14:22	4.77E+03	7.29E+02	2.31E+02	-4.32E-01	8.28E-01	1.25E+00	1.04E+00	1.99E+01	8.90E+00	2.18E+00	9.42E+00	1.24E+01	-3.05E+00	1.22E+01	1.39E+01						
MW-58-65	Q2-2011	012	54	-39.4	5/3/2011	10:11	3.29E+02	3.78E+02	3.97E+02	-4.47E-01	1.03E+00	1.44E+00	1.93E+00	5.92E+00	7.00E+00	-7.81E-01	7.04E+00	7.26E+00	NA	NA	NA	1.19E+03	ND***	ND	ND	NA	MW-58-65
MW-58-65	Q2-2011 Mid	013	54	-39.4	7/5/2011	13:30	7.26E+02	3.93E+02	2.83E+02	4.19E-01	9.12E-01	1.03E+00	5.29E+00	1.05E+01	1.25E+01	1.47E+00	7.53E+00	8.78E+00	3.44E-01	2.03E+01	2.27E+01						
MW-58-65***	Q3-2011 Mid	014	54	-39.4	8/26/2011	14:04	1.10E+03	4.62E+02	2.61E+02	6.31E-01***	1.82E+00	1.60E+00	-1.06E+00	9.00E+00	9.65E+00	-1.54E+00	1.01E+01	1.04E+01	NA	NA	NA						
MW-58-65	Q4-2011	015	54	-39.4	11/15/2011	14:05	1.75E+03	4.32E+02	3.42E+02	3.02E-01	1.71E+00	2.03E+00	-1.89E+00	8.82E+00	9.54E+00	-7.70E-01	7.23E+00	8.96E+00	NA	NA	NA						
MW-59-32	Q2-2011 Mid	005	27	-12.5	7/20/2011	9:59	1.56E+02	3.90E+02	4.38E+02	5.88E-01	1.14E+00	1.27E+00	-1.79E+00	7.92E+00	8.02E+00	-2.58E+00	9.78E+00	1.02E+01	-1.40E+01	1.82E+01	2.07E+01	4.74E+02	ND	ND	ND	ND	MW-59-32
MW-59-32	Q3-2011 Mid	006	27	-12.5	8/24/2011	14:22	4.74E+02	2.72E+02	2.17E+02	7.95E-01	1.13E+00	1.20E+00	-2.52E+00	1.05E+01	1.13E+01	2.65E+00	8.25E+00	9.93E+00	-6.65E+00	2.16E+01	2.54E+01						
MW-59-45	Q2-2011 Mid	005	42	-27.5	7/20/2011	9:59	5.24E+02	4.35E+02	4.43E+02	-1.01E+00	1.05E+00	1.49E+00	1.81E+00	8.52E+00	9.88E+00	2.79E+00	9.48E+00	1.15E+01	-1.12E+01	1.83E+01	2.08E+01	8.82E+02	ND	ND	ND	ND	MW-59-45
MW-59-45	Q3-2011 Mid	006	42	-27.5	8/24/2011	14:32	1.24E+03	4.92E+02	2.64E+02	1.13E-01	1.11E+00	1.33E+00	-1.32E+00	8.37E+00	8.81E+00	4.22E+00	9.42E+00	1.18E+01	1.31E+00	1.07E+01	1.20E+01						
MW-59-68	Q2-2011 Mid	005	58	-43.5	7/20/2011	10:14	1.15E+02	3.90E+02	4.42E+02	1.10E-01	7.26E-01	9.01E-01	2.83E+00	9.33E+00	1.09E+01	8.22E-01	9.87E+00	1.06E+01	-1.57E+01	2.17E+01	2.47E+01	ND	ND	ND	ND	ND	MW-59-68
MW-59-68	Q3-2011 Mid	006	58	-43.5	8/24/2011	14:09	2.61E+02	2.83E+02	2.66E+02	-5.46E-01	7.35E-01	1.14E+00	-5.62E+00	8.52E+00	7.69E+00	1.56E+00	9.03E+00	1.03E+01	4.94E+00	1.28E+01	1.42E+01						
MW-60-35	Q1-2011	016	34.9	-22.4	2/11/2011	12:17	3.20E+02	3.72E+02	3.88E+02	9.73E-01	1.63E+00	1.78E+00	2.69E+00	6.24E+00	7.46E+00	1.22E-01	3.76E+00	4.24E+00	-1.61E+00	1.62E+01	1.84E+01	4.99E+02	ND	ND	ND	ND	MW-60-35
MW-60-35	Q2-2011	017	34.9	-22.4	4/15/2011	11:36	2.03E+02	4.32E+02	4.80E+02	3.77E-01	1.66E+00	2.00E+00	2.46E+00	1.14E+01	8.95E+00	-8.48E-01	9.58E+00	1.03E+01	2.65E+00	1.42E+01	1.61E+01						
MW-60-35	Q3-2011	018	34.9	-22.4	8/10/2011	10:54	4.99E+02	2.69E+02	2.00E+02	-5.84E-01	7.74E-01	1.17E+00	2.11E+00	6.96E+00	8.28E+00	-1.04E+00	1.03E+01	1.10E+01	NA	NA	NA						
MW-60-35	Q4-2011	019	34.9	-22.4	12/2/2011	11:21	1.74E+02	3.66E+02	4.07E+02	3.94E-01	1.72E+00	1.98E+00	-8.20E-01	9.33E+00	1.15E+01	2.63E+00	7.86E+00	1.12E+01	NA	NA	NA						
MW-60-53	Q1-2011	016	53.4	-40.9	2/11/2011	10:57	3.19E+02	3.70E+02	3.87E+02	7.44E-01	1.52E+00	1.70E+00	-2.03E+00	5.88E+00	6.16E+00	1.39E+00	7.96E+00	8.33E+00	-1.39E+00	1.50E+01	1.72E+01	5.16E+02	ND	ND	ND	ND	MW-60-53
MW-60-53	Q2-2011	017	53.4	-40.9	4/15/2011	11:37	-5.87E+01	3.96E+02	4.80E+02	-1.18E-02	1.60E+00	2.04E+00	2.17E+00	9.90E+00	1.14E+01	-1.11E+00	8.68E+00	8.95E+00	-1.06E+00	1.43E+01	1.66E+01						
MW-60-53	Q3-2011	018	53.4	-40.9	8/10/2011	11:45	5.16E+02	2.70E+02	1.99E+02	1.18E+00	1.39E+00	1.45E+00	5.77E-01	1.34E+01	8.78E+00	-5.16E-01	1.07E+01	1.15E+01	NA	NA	NA						
MW-60-53	Q4-2011	019	53.4	-40.9	12/2/2011	11:46	2.65E+02	3.30E+02	3.33E+02	9.60E-02	1.69E+00	1.97E+00	4.62E-01	4.68E+00	5.62E+00	-9.95E-01	4.83E+00	5.65E+00	NA	NA	NA						
MW-60-72	Q1-2011	016	72.4	-59.9	2/10/2011	12:54	3.64E+02	3.76E+02	3.84E+02	2.41E-01	1.45E+00	1.70E+00	-5.10E-02	9.12E+00	1.01E+01	2.27E+00	8.84E+00	1.07E+01	2.12E+00	1.54E+01	1.75E+01	2.91E+02	ND	ND	ND	ND	MW-60-72
MW-60-72	Q2-2011	017	72.4	-59.9	4/15/2011	13:12	2.19E+02	3.78E+02	4.13E+02	7.12E-01	1.72E+00	1.97E+00	-5.14E+00	6.54E+00	5.80E+00	-3.30E+00	1.14E+01	1.14E+01	-2.93E+00	1.39E+01	1.63E+01						
MW-60-72	Q3-2011	018	72.4	-59.9	8/10/2011	13:25	2.91E+02	2.23E+02	1.95E+02	1.22E-01	9.33E-01	1.14E+00	-4.08E+00	9.63E+00	1.00E+01	4.20E+00	8.40E+00	1.06E+01	NA	NA	NA						
MW-60-72	Q4-2011	019	72.4	-59.9	12/2/2011	10:01	3.08E+02	3.75E+02	4.01E+02	8.41E-01	1.73E+00	1.93E+00	-2.19E+00	6.99E+00	8.20E+00	-1.72E+00	8.28E+00	1.01E+01	NA	NA	NA						
MW-60-135	Q1-2011	016	134.9	-122.4	2/10/2011	13:04	3.98E+02	3.78E+02	3.83E+02	1.14E+00	1.82E+00	1.98E+00	1.72E+00	6.72E+00	7.79E+00	2.24E-01	7.44E+00	8.25E+00	-3.56E+00	1.52E+01	1.76E+01	4.04E+02	ND	ND	ND	ND	MW-60-135
MW-60-135	Q2-2011	017	134.9	-122.4	4/15/2011	13:25	4.14E+02	4.02E+02	4.12E+02	6.52E-01	1.90E+00	2.16E+00	-6.83E+00	1.39E+01	1.63E+01	-2.48E+00	9.86E+00	1.01E+01	4.64E+00	1.47E+01	1.65E+01						
MW-60-135	Q3-2011	018	134.9	-122.4	8/10/2011	13:51	4.00E+02	2.46E+02	1.96E+02	-2.08E-01	9.78E-01	1.25E+00	-7.37E+00	9.39E+00	8.24E+00	-6.27E+00	1.07E+01	9.07E+00	NA

TABLE 3
FOURTH QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-60-176	Q1-2011	016	175.9	-163.4	2/10/2011	10:31	1.12E+03	4.68E+02	3.85E+02	2.58E-01	1.49E+00	1.74E+00	4.88E+00	1.13E+01	6.69E+00	-1.75E+00	6.70E+00	6.74E+00	7.24E+00	1.62E+01	1.79E+01	1.07E+03	ND	ND	ND	ND	MW-60-176
MW-60-176	Q2-2011	017	175.9	-163.4	4/15/2011	13:49	8.99E+02	4.66E+02	4.18E+02	-8.29E-01	1.41E+00	2.10E+00	-7.83E-02	9.90E+00	1.10E+01	-2.35E+00	1.02E+01	1.03E+01	-2.40E-01	1.40E+01	1.62E+01						
MW-60-176	Q3-2011	018	175.9	-163.4	8/10/2011	14:12	9.72E+02	3.42E+02	2.00E+02	-1.79E-01	9.21E-01	1.22E+00	-3.87E+00	7.74E+00	7.27E+00	-1.71E-01	8.91E+00	9.60E+00	NA	NA	NA						
MW-60-176	Q4-2011	019	175.9	-163.4	12/2/2011	10:27	1.30E+03	5.97E+02	5.19E+02	-1.37E+00	1.41E+00	1.95E+00	7.24E-01	9.60E+00	1.20E+01	1.35E+00	1.01E+01	1.36E+01	NA	NA	NA						
MW-62-18	Q1-2011	016	13.5	1.2	2/24/2011	12:49	1.81E+02	3.60E+02	4.00E+02	-3.86E-01	1.71E+00	2.13E+00	2.12E-01	4.74E+00	5.18E+00	3.58E+00	5.46E+00	6.78E+00	NA	NA	NA	5.27E+02	1.26E+00	ND	ND	NA	MW-62-18
MW-62-18	Q2-2011	017	13.5	1.2	4/13/2011	11:58	3.25E+02	4.56E+02	4.92E+02	7.82E-01	1.54E+00	1.71E+00	-4.38E+00	1.00E+01	1.09E+01	-4.07E-01	1.06E+01	1.16E+01	NA	NA	NA						
MW-62-18	Q2-2011 Mid	018	13.5	1.2	7/22/2011	11:35	2.00E+02	4.02E+02	4.45E+02	1.26E+00	1.24E+00	1.25E+00	4.94E+00	9.42E+00	1.14E+01	-1.79E+00	1.05E+01	1.08E+01	-3.83E+00	1.96E+01	2.20E+01						
MW-62-18	Q3-2011	019	13.5	1.2	8/3/2011	10:18	4.04E+02	3.39E+02	3.53E+02	2.03E-01	1.37E+00	1.74E+00	-1.12E+00	8.70E+00	9.13E+00	4.76E+00	9.81E+00	1.21E+01	NA	NA	NA						
MW-62-18	Q4-2011	020	13.5	1.2	10/21/2011	10:14	6.50E+02	3.54E+02	3.45E+02	-1.09E+00	1.66E+00	2.27E+00	-1.19E+00	6.87E+00	8.28E+00	-8.37E-01	8.82E+00	1.11E+01	NA	NA	NA						
MW-62-37	Q1-2011	016	34.5	-19.8	2/24/2011	12:52	3.05E+02	3.76E+02	4.00E+02	5.14E-01	1.84E+00	2.13E+00	1.07E+00	6.06E+00	6.86E+00	-2.84E+00	6.38E+00	6.28E+00	NA	NA	NA	3.74E+02	ND	ND	ND	NA	MW-62-37
MW-62-37	Q2-2011	017	34.5	-19.8	4/13/2011	12:10	1.56E+02	4.36E+02	4.91E+02	-1.97E-01	1.08E+00	1.37E+00	-4.48E+00	8.32E+00	7.76E+00	-1.68E+00	9.02E+00	9.05E+00	NA	NA	NA						
MW-62-37	Q2-2011 Mid	018	34.5	-19.8	7/22/2011	12:28	1.15E+02	3.90E+02	4.42E+02	1.03E+00	1.60E+00	1.73E+00	-3.64E+00	7.95E+00	8.03E+00	2.96E+00	1.10E+01	1.30E+01	-8.92E+00	1.85E+01	2.09E+01						
MW-62-37	Q3-2011	019	34.5	-19.8	8/3/2011	10:35	3.09E+02	3.33E+02	3.52E+02	1.23E+00	1.81E+00	1.96E+00	3.02E+00	6.69E+00	8.03E+00	2.71E+00	8.55E+00	1.01E+01	NA	NA	NA						
MW-62-37	Q4-2011	020	34.5	-19.8	10/21/2011	10:02	3.74E+02	3.33E+02	3.47E+02	-3.24E-01	1.60E+00	2.05E+00	5.93E-01	8.19E+00	9.98E+00	-1.66E+00	8.07E+00	9.72E+00	NA	NA	NA						
MW-62-53	Q1-2011	015	53.1	-40.3	2/24/2011	12:57	3.08E+02	3.78E+02	4.03E+02	8.98E-01	1.94E+00	2.18E+00	-2.62E-01	4.72E+00	5.23E+00	-1.84E+00	5.58E+00	5.81E+00	NA	NA	NA	4.47E+02	ND	ND	ND	NA	MW-62-53
MW-62-53	Q2-2011	016	53.1	-40.3	4/13/2011	11:32	1.57E+02	4.36E+02	4.92E+02	1.72E+00	1.79E+00	1.84E+00	5.42E-01	6.78E+00	7.51E+00	-3.00E-01	6.24E+00	6.58E+00	NA	NA	NA						
MW-62-53	Q2-2011 Mid	017	53.1	-40.3	7/22/2011	10:47	1.60E+02	3.96E+02	4.45E+02	-4.83E-01	1.07E+00	1.58E+00	4.34E+00	7.86E+00	9.52E+00	1.66E+00	8.85E+00	1.02E+01	-1.60E+01	1.79E+01	2.05E+01						
MW-62-53	Q3-2011	018	53.1	-40.3	8/3/2011	12:44	4.12E+02	3.42E+02	3.00E+02	1.52E-01	1.46E+00	1.75E+00	2.87E+00	7.59E+00	9.04E+00	3.15E+00	8.76E+00	1.06E+01	NA	NA	NA						
MW-62-53	Q4-2011	019	53.1	-40.3	10/21/2011	10:17	4.82E+02	3.39E+02	3.42E+02	-1.78E-02	1.24E+00	1.61E+00	1.64E+00	6.66E+00	8.55E+00	2.49E+00	7.05E+00	1.01E+01	NA	NA	NA						
MW-62-71	Q1-2011	016	71.1	-58.3	2/24/2011	12:40	5.38E+02	4.06E+02	4.03E+02	1.28E-01	1.22E+00	1.48E+00	4.10E+00	1.18E+01	6.67E+00	-2.36E-01	5.00E+00	5.47E+00	NA	NA	NA	5.07E+02	ND	ND	ND	NA	MW-62-71
MW-62-71	Q2-2011	017	71.1	-58.3	4/13/2011	11:15	3.39E+02	4.72E+02	5.08E+02	9.04E-01	1.45E+00	1.58E+00	2.33E+00	7.96E+00	9.27E+00	-2.38E+00	8.50E+00	8.56E+00	NA	NA	NA						
MW-62-71	Q2-2011 Mid	018	71.1	-58.3	7/22/2011	10:12	4.21E+02	4.26E+02	4.44E+02	-3.90E-01	1.36E+00	1.90E+00	-7.29E-02	7.74E+00	8.31E+00	-7.90E-01	8.28E+00	8.59E+00	-6.70E+00	1.89E+01	2.13E+01						
MW-62-71	Q3-2011	019	71.1	-58.3	8/3/2011	11:58	5.14E+02	3.69E+02	3.07E+02	3.49E-01	1.39E+00	1.65E+00	-7.31E-01	1.01E+01	1.10E+01	2.51E+00	1.04E+01	1.20E+01	NA	NA	NA						
MW-62-71	Q4-2011	020	71.1	-58.3	10/21/2011	9:44	4.68E+02	3.36E+02	3.42E+02	-1.43E-01	1.29E+00	1.69E+00	8.75E-01	9.06E+00	1.13E+01	2.06E+00	9.84E+00	1.32E+01	NA	NA	NA						
MW-62-92	Q1-2011	016	91.6	-78.8	2/24/2011	12:39	5.09E+02	4.00E+02	4.02E+02	9.56E-01	1.85E+00	2.06E+00	1.68E+00	5.38E+00	6.27E+00	-1.45E+00	5.68E+00	5.86E+00	NA	NA	NA	5.38E+02	ND	ND	ND	NA	MW-62-92
MW-62-92	Q2-2011	017	91.6	-78.8	4/13/2011	11:03	5.06E+02	4.78E+02	4.92E+02	2.87E-01	1.11E+00	1.30E+00	-2.87E+00	7.18E+00	7.31E+00	-2.10E+00	8.94E+00	8.88E+00	NA	NA	NA						
MW-62-92	Q2-2011 Mid	018	91.6	-78.8	7/22/2011	10:18	5.61E+02	4.35E+02	4.39E+02	-1.12E+00	1.52E+00	2.06E+00	5.26E+00	9.42E+00	1.13E+01	-7.24E-02	9.48E+00	1.05E+01	-6.69E+00	1.76E+01	1.99E+01						
MW-62-92	Q3-2011	019	91.6	-78.8	8/3/2011	12:10	5.61E+02	3.78E+02	3.03E+02	-3.26E-01	1.09E+00	1.52E+00	3.82E+00	1.46E+01	9.22E+00	-5.05E+00	1.17E+01	1.15E+01	NA	NA	NA						
MW-62-92	Q4-2011	020	91.6	-78.8	10/21/2011	9:42	5.51E+02	3.45E+02	3.42E+02	4.45E-01	1.27E+00	1.48E+00	3.18E-01	9.39E+00	1.17E+01	1.88E-01	9.18E+00	1.22E+01	NA	NA	NA						
MW-62-138	Q1-2011	016	138.1	-125.3	2/24/2011	14:54	5.17E+02	4.00E+02	4.01E+02	2.15E+00	1.77E+00	1.75E+00	-1.67E+00	4.72E+00	4.94E+00	1.88E+00	7.04E+00	8.19E+00	NA	NA	NA	1.21E+03	2.15E+00	ND	ND	NA	MW-62-138
MW-62-138	Q2-2011	017	138.1	-125.3	4/13/2011	14:39	6.31E+02	5.04E+02	5.09E+02	1.22E+00	1.29E+00	1.32E+00	1.29E+00	9.08E+00	1.04E+01	1.71E+00	8.82E+00	1.02E+01	NA	NA	NA						
MW-62-138	Q2-2011 Mid	018	138.1	-125.3	7/22/2011	11:50	4.66E+02	4.23E+02	4.36E+02	6.72E-01	1.20E+00	1.32E+00	-5.97E-01	7.41E+00	8.13E+00	6.36E+00	9.57E+00	1.23E+01	-1.13E+01	1.79E+01	2.03E+01						
MW-62-138	Q3-2011	019	138.1	-125.3	8/3/2011	10:08	1.42E+03	5.46E+02	3.34E+02	1.53E+00	1.69E+00	1.73E+00	2.51E-01	9.48E+00	1.05E+01	1.35E+00	8.40E+00	9.73E+00	NA	NA	NA						
MW-62-138	Q4-2011	020	138.1	-125.3	10/21/2011	11:29	3.01E+03	5.97E+02	2.36E+02	1.24E+00	1.48E+00	1.50E+00	-5.88E+00	1.01E+01	1.10E+01	2.45E-01	1.03E+01	1.33E+01	NA	NA	NA						
MW-62-182	Q1-2011	016	182.1	-169.3	2/24/2011	15:07	3.55E+02	3.84E+02	4.03E+02	-1.46E-01	1.45E+00	1.94E+00	-1.95E+00	6.24E+00	6.60E+00	5.86E-01	6.60E+00	7.33E+00	NA	NA	NA	6.36E+02	ND	ND	ND	NA	MW-62-182
MW-62-182	Q2-2011	017	182.1	-169.3	4/13/2011	14:44	1.92E+02	4.50E+02	5.03E+02	-5.04E-01	1.05E+00	1.45E+00	5.54E+00	8.70E+00	1.09E+01	-9.44E-01	1.08E+01	1.15E+01	NA	NA	NA						
MW-62-182	Q2-2011 Mid	018	182.1	-169.3	7/22/2011	12:02	2.90E+02	4.20E+02	4.54E+02	2.09E-01	1.22E+00	1.47E+00	6.48E-01	7.41E+00	8.36E+00	-5.94E-01	7.65E+00	8.31E+00	-2.27E+00	1.56E+01	1.75E+01						
MW-62-182	Q3-2011	019	182.1	-169.3	8/3/2011	10:20	5.84E+02	3.84E+02	3.05E+02	2.04E-01	1.47E+00	1.75E+00	-5.99E+00	1.25E+01	1.14E+01	-2.96E-01	1.13E+01	1.24E+01	NA	NA	NA						
MW-62-182	Q4-2011	020	182.1	-169.3	10/21/2011	11:37	6.88E+02	3.42E+02	3.27E+02	-2.48E-01	1.45E+00	1.90E+00	-4.81E+00	1.22E+01	1.34E+01	-1.67E+00	1.06E+01	1.27E+01	NA	NA	NA						
MW-63-18	Q1-2011	016	14.9	0.7	3/2/2011	11:10	4.90E+02	3.58E+02	3.55E+02	-4.34E-01	1.50E+00	2.03E+00	1.82E+00	6.78E+00	7.90E+00	2.40E+00	7.38E+00	8.82E+00	NA	NA	NA	3.75E+02	ND	ND	ND	NA	MW-63-18
MW-63-18	Q2-2011	017	14.9	0.7	4/19/2011	10:35	7.23E+01	4.38E+02	5.05E+02	-3.13E-01	1.13E+00	1.49E+00	8.69E-01	8.04E+00	8.92E+00	-3.22E+00	8.16E+00	7.75E+00	NA	NA	NA						
MW-63-18	Q2-2011 Mid	018	14.9	0.7	7/21/2011	10:26	2.96E+02	3.99E+02	4.29E+02	6.58E-02	1.19E+00	1.50E+00	2.40E+00	7.62E+00	9.09E+00	2.37E+00	7.53E+00	9.30E+00	-8.91E+00	1.69E+01	1.92E+01						
MW-63-18	Q3-2011	019	14.9	0.7	8/3/2011	10:02	2.90E+02	3.15E+02	3.03E+02	-1.29E-01	1.20E+00	1.57E+00	1.70E+00	6.87E+00	7.90E+00	3.80E+00	8.58E+00	1.05E+01	NA	NA	NA						
MW-63-18	Q4-2011	020	14.9	0.7	10/18/2011	11:34	2.59E+02	2.34E+02	2.20E+02	1.26E+00	1.74E+00	1.83E+00	1.31E+00	8.28E+00	1.07E+01	1.72E+00	1.09E+01	1.44E+01	NA	NA	NA						
MW-63-34	Q1-2011	016	31.5	-17.3	3/2/2011	10:50	2.98E+02	2.86E+02	2.62E+02	-4.29E-01	1.57E+00	2.11E+00	7.43E-02	7.96E+00	8.82E+00	-2.10E+00	8.42E+00	8.59E+00	NA	NA	NA	3.63E+02	ND	ND	ND	NA	MW-63-34
MW-63-34	Q2-2011	017	31.5	-17.3	4/19/2011	10:25	3.94E+02	4.60E+02	4.87E+02	-1.13E+00	1.22E+00	1.83E+00	4.36E+00	8.34E+00	9.94E+00	3.72E+00	8.28E+00	1.02E+01	NA	NA	NA						
MW-63-34	Q2-2011 Mid	018	31.5	-17.3	7/21/2011	10:08	3.04E+02	4.08E+02	4.39E+02	2.38E-01	1.17E+00	1.42E+00	-1.34E+00	9.03E+00	9.54E+00	1.66E-01	7.89E+00	8.63E+00	-1.26E+01	1.28E+01	1.47E+01						
MW-63-34	Q3-2011	019	31.5	-17.3	8/3/2011	10:14	3.61E+02	3.30E+02	3.02E+02	1.90E-01	1.37E+00	1.66E+00	8.99E+00	9.09E+00	1.15E+01	-7.29E-01	8.16E+00	8.53E+00	NA	NA	NA						
MW-63-34	Q4-2011	020	31.5	-17.3	10/18/2011	11:39	4.30E+02	3.36E+02	3.46E+02	-4.71E-01	1.27E+00	1.78E+00	-3.77E+00	8.31E+00	9.14E+00	2.21E+00	7.62E+00	1.11E+01	NA	NA	NA						
MW-63-50	Q1-2011	016	49.5	-37.2	3/2/2011	14:21	4.35E+02	3.40E+02	3.44E+02	1.73E-01	1.62E+00	2.03E+00	1.13E+00	6.50E+00	7.48E+00	3.64E+00	7.02E+00	8.70E+00	NA	NA	NA	3.93E+02	ND	ND	ND	NA	MW-63-50
MW-63-50	Q2-2011	017	49.5	-37.2	4/19/2011	11:25	1.68E+02	4.36E+02	4.89E+02	7.72E-01	1.39E+00	1.53E+00	-6.46E+00	9.76E+00	9.29E+00	3.72E+00	8.18E+00	1.03E+01	NA	NA	NA						
MW-63-50	Q2-2011 Mid	018	49.5	-37.2	7/21/2011	11:25	2.09E+02	3.99E+02	4.41E+02	-6.50E-01	8.58E-01	1.39E+00	2.46E-01	7.56E+00	8.55E+00	2.77E+00	8.64E+00	1.05E+01	-2.89E+00	1.51E+01	1.69E+01						
MW-63-50	Q3-2011	019	49.5	-37.2	8/3/2011	11:38	3.50E+02	3.33E+02	3.09E+02	-8.45E-01	1.10E+00	1.60E+00	8.12E+00	1.18E+01	1.44E+01	4.49E+00	8.52E+00	1.14E+01	NA	NA	NA						
MW-63-50	Q4-2011	020	49.5	-37.2	10/18/2011	13:55	3.14E+02	3.63E+02	3.85E+02	4.62E-01	1.68E+00	1.94E+00	-9.09E-01	1.09E+01	1.29E+01	-2.69E+00	1.09E+01	1.34E+01	NA	NA	NA						
MW-63-93	Q1-2011	017	93	-80.7	3/2/2011	14:14	2.69E+02	3.00E+02	2.94E+02	3.30E-01	1.79E+00	2.17E+00	-1.51E+00	8.78E+00	9.05E+00	3.38E+00	7.56E+00	9.56E+00	NA	NA	NA	5.04E+02	ND	ND	ND	NA	MW-63-93
MW-63-93	Q2-2011	018	93	-80.7	4/19/2011	11:27	9.64E+01	4.42E+02	5.05E+02	-4.30E-02	1.14E+00	1.44E+00	3.31E+00	8.92E+00	1.03E+01	-4.35E-01	6.80E+00	7.25E+00	NA	NA	NA						
MW-63-93	Q2-2011 Mid	019	93	-80.7	7/21/2011	11:32	4.17E+02	4.20E+02	4.40E+02	-4.28E-01	1.06E+00	1.48E+00	-3.58E+00	8.10E+00	7.77E+00	-6.11E+00	7.92E+00	5.51E+00	6.50E-01	1.71E+01	1.90E+01						
MW-63-93	Q3-2011	020	93	-80.7	8/3/2011	11:50	1.84E+02	3.12E+02	3.38E+02	4.25E-02	1.31E+00	1.63E+00	1.61E+00	7.26E+00	7.83E+00	-2.65E+00	7.71E+00	8.38E+00	NA	NA	NA						
MW-63-93	Q4-2011	021	93	-80.7	10/18/2011	14:14	5.04E+02	3.78E+02	3.83E+02	5.60E-01	1.37E+00	1.56E+00	7.43E-01	6.45E+00	8.33E+00	3.55E+00	6.87E+00	1.02E+01	NA	NA	NA						
MW-63-112	Q1-2011	016	111.5	-99.2	3/2/2011	14:15	3.38E+02	3.18E+02	2.96E+02	1.48E-01	1.60E+00	2.00E+00	-3.72E-01	6.70E+00	7.21E+00	1.19E+00	6.36E+00	7.21E+00	NA	NA	NA	7.90E+02	ND	ND	ND	NA	MW-63-112
MW-63-112	Q2-2011	017	111.5	-99.2	4/19/2011	11:25	4.22E+02	4.68E+02	4.92E+02	-7.96E-01	1.00E+00	1.47E+00	4.96E+00	1.05E+01	1.25E+01	1.64E+00	1.17E+01	1.36E+01	NA	NA	NA						
MW-63-112	Q2-2011 Mid	018	111.5	-99.2	7/21/2011	11:46	6.01E+02	4.44E+02	4.44E+02	2.29E-01	1.13E+00	1.37E+00	-8.46E-01	1.06E+01	1.11E+01	6.03E+00	1.21E+01	1.54E+01	-1.22E+00	1.77E+01	1.98E+01						
MW-63-112	Q3-2011	019	111.5	-99.2	8/3/2011	12:01	8.82E+02	4.59E+02	3.36E+02	-1.83E-01	1.31E+00	1.67E+00	2.07E+00	7.35E+00	8.45E+00	-2.13E+00	7.26E+00	7.10E+00	NA	NA	NA						
MW-63-112	Q4-2011	020	111.5	-99.2	10/18/2011	14:20	1.34E+03	5.43E+02	3.29E+02	-5.35E-01	1.39E+00	1.87E+00	-1.39E+00	7.53E+00	8.79E+00	1.78E+00	7.02E+00	9.82E+00	NA	NA	NA						
MW-63-121	Q1-2011	016	121	-108.7	3/2/2011	11:10	5.03E+02	3.54E+02	2.94E+02	-6.82E-02	1.55E+00	2.03E+00	-6.26E-01	6.72E+00	7.20E+00	3.49E-01	6.00E+00	6.67E+00	NA	NA	NA	1.59E+03	ND	ND	ND	NA	MW-63-121
MW-63-121	Q2-2011	017	121	-108.7	4/19/2011	9:54	5.77E+02	4.84E+02	4.91E+02	4.12E-01	1.18E+00	1.37E+00	-1.03E+00	6.92E+00	7.17E+00	-1.09E+01	9.86E+00	5.99E+00	NA	NA	NA						
MW-63-121	Q2-2011 Mid	018	121	-108.7	7/21/2011	9:58	1.33E+03	5.28E+02	4.45E+02	-3.05E-01	1.36E+00	1.74E+00	1.63E-03	7.44E+00	8.17E+00	-3.19E+00	1.05E+01	1.07E+01	1.12E+00	1.84E+01	2.05E+01						
MW-63-121	Q3-2011	019	121	-108.7	8/3/2011	10:03	1.92E+03	6.09E+02	3.29E+02	9.09E-01	1.49E+00	1.62E+00	-6.79E+00	9.27E+00	9.08E+00	6.01E+00	8.16E+00	1.09E+01	NA	NA	NA						
MW-63-121	Q4-2011	020	121	-108.7	10/18/2011	11:27	3.63E+03	8.40E+02	3.33E+02	1.49E+00	1.71E+00	1.75E+00	-6.42E+00	1.26E+01	1.62E+01	2.81E+00	9.33E+00	1.31E+01	NA	NA	NA						
MW-63-163	Q1-2011	016	162.5	-150.2	3/2/2011	10:27	6.05E+02	3.76E+02	2.95E+02	1.37E+00	1.99E+00	2.12E+00	3.09E+00	5.40E+00	6.62E+00	-2.05E+00	7.72E+00	7.12E+00	NA	NA	NA	5.10E+02	ND	ND	ND	NA	MW-63-163
MW-63-163	Q2-2011	017	162.5	-150.2	4/19/2011	9:49	4.92E+02	4.84E+02	5.03E+02	1.11E+00	1.82E+00	2.00E+00	4.43E-01	8.94E+00	9.98E+00	4.78E+00	1.02E+01	1.26E+01	NA	NA	NA						
MW-63-163	Q2-2011 Mid	018	162.5	-150.2	7/21/2011	10:09	5.08E+02	4.26E+02	4.36E+02	-6.14E-01	1.01E+00	1.48E+00	-8.47E-01	7.47E+00	8.17E+00	4.07E-01	7.53E+00	8.66E+00	-8.69E+00	1.47E+01	1.67E+01						
MW-63-163	Q3-2011	019	162.5	-150.2	8/3/2011	10:06	4.41E+02	3.54E+02	3.08E+02	7.99E-02	1.35E+00	1.69E+00	5.51E-01	8.40E+00	9.33E+00	2.23E+00	1.03E+01	1.20E+01	NA	NA	NA						
MW-63-163	Q4-2011	020	162.5	-150.2	10/18/2011	11:37	4.85E+02	3.75E+02	3.80E+02	9.47E-01	1.35E+00	1.43E+00	-4.58E+00	9.51E+00	9.82E+00	-1.98E+00	6.54E+00	7.63E+00	NA	NA	NA						
MW-63-174	Q1-2011	016	174	-161.7	3/2/2011	10:26	4.13E+02	3.30E+02	2.91E+02	8.20E-01	1.80E+00	2.03E+00	3.65E+00	6.96E+00	8.18E+00	2.34E+00	7.86E+00	9.20E+00	NA	NA	NA	4.92E+02	ND	ND	ND	NA	MW-63-174
MW-63-174	Q2-2011	017	174	-161.7	4/19/2011	9:52	1.56E+02	4.48E+02	5.04E+02	-7.87E-01	9.72E-01	1.48E+00	-6.41E+00	8.32E+00	7.72E+00	-9.85E-01	8.58E+00	9.20E+00	NA	NA	NA						
MW-63-174	Q2-2011 Mid	018	174	-161.7	7/21/2011	9:57	4.14E+02	4.17E+02	4.36E+02	6.96E-01	1.85E+00	2.10E+00	-3.57E+00	8.10E+00	8.27E+00	4.67E-01	9.36E+00	1.09E+01	-2.55E+00	1.33E+01	1.49E+01						
MW-63-174	Q3-2011	019	174	-161.7	8/3/2011	10:18	6.09E+02	3.93E+02	3.09E+02	6.96E-01	1.49E+00	1.68E+00	-4.15E+00	9.15E+00	8.88E+00	4.51E+00	8.19E+00	1.05E+01	NA	NA	NA						
MW-63-174	Q4-2011	020	174	-161.7	10/18/2011	11:42	4.53E+02	3.72E+02	3.80E+02	1.02E+00	1.71E+00	1.86E+00	-6.37E-02	8.43E+00	1.03E+01	-4.33E+00	8.13E+00	9.02E+00	NA	NA	NA						
MW-65-48	Q2-2011 Mid	002	43.3	26.356	7/7/2011	12:19	8.59E+01	2.43E+02	2.85E+02	5.73E-01	1.04E+00	1.15E+00	4.10E+00	9.03E+00	1.09E+01	-1.15E+00	1.12E+01	1.18E+01	-5.93E+00	2.39E+01	2.69E+01	ND	ND	ND	ND	ND	MW-65-48
MW-65-80	Q2-2011 Mid	003	71.4	-1.659	7/13/2011	10:12	8.54E+01	2.41E+02	2.84E+02	1.26E-01	9.24E-01	1.12E+00	-2.33E+00	9.12E+00	9.46E+00	2.88E+00	1.15E+01	1.34E+01	-1.27E+01	2.00E+01	2.29E+01	ND	ND	ND	ND	ND	MW-65-80
MW-66-21	Q1-2011	016	14.1	0	1/31/2011	16:26	4.77E+02	4.08E+02	4.24E+02	3.48E-01	1.73E+00	2.02E+00	-2.19E-01	5.00E+00	5.33E+00	9.80E-01	6.50E+00	7.23E+00	-1.06E+00	1.84E+01	2.14E+01	6.31E+02	ND	ND	ND	ND	MW-66-21
MW-66-21	Q2-2011	017	14.1	0	4/14/2011	13:43	9.30E+01	3.88E+02	4.46E+02	6.73E-01	1.64E+00	1.85E+00	-4.70E+00	8.74E+00	8.45E+00	6.94E+00	9.82E+00	1.25E+01	1.81E+00	1.51E+01	1.72E+01						
MW-66-21	Q3-2011	018	14.1	0	8/8/2011	10:55	7.84E+02	3.90E+02	3.73E+02	8.00E-01	1.44E+00	1.59E+00	-2.25E+00	8.16E+00	8.11E+00	3.27E-01	7.05E+00	7.73E+00	6.75E+00	9.00E+00	9.81E+00						
MW-66-21	Q4-2011	019	14.1	0	11/29/2011	11:08	2.64E+02	3.27E+02	3.32E+02	3.54E-01	1.33E+00	1.49E+00	7.86E-01	6.60E

TABLE 3
FOURTH QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					Well ID[1]
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
MW-66-36	Q1-2011	015	33.6	-19.5	1/31/2011	15:51	3.01E+03	6.78E+02	4.61E+02	1.55E+01	3.18E+00	2.11E+00	-1.13E+00	6.12E+00	6.49E+00	-8.31E-01	6.80E+00	7.15E+00	-4.89E+00	1.79E+01	2.12E+01	3.44E+03	1.11E+01	ND	ND	ND	MW-66-36
MW-66-36	Q2-2011	016	33.6	-19.5	4/14/2011	12:53	3.52E+03	7.36E+02	4.79E+02	1.06E+01	2.88E+00	1.95E+00	1.50E-01	7.24E+00	8.14E+00	5.40E-01	7.92E+00	9.01E+00	6.10E-01	1.55E+01	1.79E+01						
MW-66-36	Q3-2011	017	33.6	-19.5	8/8/2011	10:49	3.90E+03	5.91E+02	3.74E+02	8.00E+00	2.60E+00	1.61E+00	-3.94E+00	1.11E+01	1.07E+01	1.48E+00	1.26E+01	1.46E+01	2.82E+00	1.53E+01	1.71E+01						
MW-66-36	Q4-2011	018	33.6	-19.5	11/29/2011	11:01	3.34E+03	6.78E+02	4.85E+02	1.02E+01	1.77E+00	1.38E+00	5.21E+00	9.78E+00	1.32E+01	1.63E+00	8.64E+00	1.21E+01	0.00E+00	1.94E+01	2.18E+01						
MW-67-39	Q1-2011	016	38.3	-25.8	2/7/2011	13:48	3.85E+03	7.60E+02	4.81E+02	1.57E+01	3.34E+00	1.83E+00	8.03E-02	6.18E+00	6.83E+00	6.64E-01	6.78E+00	7.57E+00	4.43E+00	1.97E+01	2.23E+01	3.68E+03	1.16E+01	ND	ND	ND	MW-67-39
MW-67-39	Q2-2011	017	38.3	-25.8	4/14/2011	13:25	3.73E+03	7.14E+02	4.17E+02	1.25E+01	3.76E+00	2.10E+00	4.53E+00	8.78E+00	1.04E+01	3.71E+00	9.54E+00	1.14E+01	6.99E+00	1.47E+01	1.63E+01						
MW-67-39	Q3-2011	018	38.3	-25.8	8/8/2011	12:26	3.62E+03	5.76E+02	3.73E+02	5.31E+00	2.39E+00	1.98E+00	-3.01E+00	8.34E+00	8.17E+00	-7.13E+00	8.22E+00	7.50E+00	5.90E+00	1.71E+01	1.90E+01						
MW-67-39	Q4-2011	019	38.3	-25.8	11/29/2011	13:59	3.51E+03	8.07E+02	3.31E+02	1.30E+01	2.39E+00	1.94E+00	-1.60E+01	1.39E+01	1.60E+01	-1.78E+00	9.48E+00	1.17E+01	2.69E+00	1.24E+01	1.38E+01						
MW-67-105	Q1-2011	015	104.8	-92.3	2/7/2011	13:57	9.94E+02	4.26E+02	3.86E+02	3.37E-01	1.64E+00	1.94E+00	2.40E+00	4.84E+00	5.67E+00	-1.22E+00	4.86E+00	4.81E+00	-4.59E+00	1.96E+01	2.31E+01	1.35E+03	ND	ND	ND	ND	MW-67-105
MW-67-105	Q2-2011	016	104.8	-92.3	4/14/2011	13:43	1.10E+03	4.84E+02	4.12E+02	2.70E-01	1.72E+00	2.11E+00	-3.96E-01	9.66E+00	1.05E+01	-1.91E-01	7.24E+00	7.88E+00	5.71E+00	1.55E+01	1.73E+01						
MW-67-105	Q3-2011	017	104.8	-92.3	8/8/2011	12:48	1.42E+03	4.38E+02	3.74E+02	7.40E-01	1.71E+00	1.92E+00	-4.93E-01	7.77E+00	8.36E+00	-6.18E+00	8.67E+00	7.26E+00	6.67E+00	1.25E+01	1.38E+01						
MW-67-105	Q4-2011	018	104.8	-92.3	11/29/2011	14:10	1.89E+03	5.94E+02	4.78E+02	1.13E+00	1.74E+00	1.90E+00	-1.36E+00	8.73E+00	1.01E+01	-1.41E+00	8.73E+00	1.04E+01	3.65E+00	1.97E+01	2.20E+01						
MW-67-173	Q1-2011	016	172.3	-159.8	2/7/2011	14:13	4.47E+02	4.48E+02	4.65E+02	-2.38E-01	1.68E+00	2.12E+00	-4.75E-01	5.28E+00	5.83E+00	7.55E-01	6.38E+00	5.76E+00	-7.05E-01	1.88E+01	2.18E+01	5.91E+02	ND	ND	ND	ND	MW-67-173
MW-67-173	Q2-2011	017	172.3	-159.8	4/14/2011	14:09	5.72E+02	4.20E+02	4.10E+02	-2.56E-01	1.69E+00	1.99E+00	5.04E+00	9.64E+00	1.17E+01	-9.27E+00	1.03E+01	6.85E+00	7.50E+00	1.23E+01	1.34E+01						
MW-67-173	Q3-2011	018	172.3	-159.8	8/8/2011	12:53	6.13E+02	3.75E+02	3.72E+02	-3.44E-01	1.55E+00	1.94E+00	-1.95E+00	8.79E+00	9.16E+00	1.25E+00	8.70E+00	9.80E+00	4.91E+00	1.20E+01	1.33E+01						
MW-67-173	Q4-2011	019	172.3	-159.8	11/29/2011	14:23	5.88E+02	4.74E+02	4.78E+02	1.13E+00	1.62E+00	1.76E+00	-1.48E+00	9.87E+00	1.14E+01	-1.48E+00	1.08E+01	1.30E+01	7.39E+00	1.18E+01	1.29E+01						
MW-67-219	Q1-2011	015	218.8	-206.3	1/31/2011	14:48	6.41E+02	4.18E+02	4.20E+02	-1.08E+00	1.42E+00	1.97E+00	9.72E-01	5.80E+00	6.44E+00	2.44E+00	5.46E+00	6.55E+00	-4.58E+00	1.81E+01	2.14E+01	1.01E+03	ND	ND	ND	ND	MW-67-219
MW-67-219	Q2-2011	016	218.8	-206.3	4/14/2011	10:49	1.07E+03	4.78E+02	4.12E+02	-7.57E-01	9.50E-01	1.53E+00	-2.70E+00	6.62E+00	6.47E+00	4.16E+00	9.78E+00	1.20E+01	2.95E+00	1.43E+01	1.62E+01						
MW-67-219	Q3-2011	017	218.8	-206.3	8/8/2011	10:33	1.11E+03	4.17E+02	3.73E+02	3.18E-02	1.61E+00	1.90E+00	8.34E-01	7.41E+00	8.13E+00	-6.37E+00	9.30E+00	8.11E+00	1.06E+01	1.64E+01	1.79E+01						
MW-67-219	Q4-2011	018	218.8	-206.3	11/29/2011	10:41	1.20E+03	4.92E+02	4.45E+02	3.14E-01	1.42E+00	1.63E+00	-1.12E+01	1.14E+01	1.19E+01	1.99E+00	7.65E+00	1.12E+01	1.02E+01	1.13E+01	1.23E+01						
MW-67-276	Q1-2011	015	275.3	-262.8	1/31/2011	14:31	8.75E+02	4.18E+02	3.87E+02	-2.57E-02	1.66E+00	2.03E+00	-2.56E+00	8.76E+00	8.16E+00	6.49E-01	6.48E+00	7.20E+00	-7.18E-01	1.92E+01	2.22E+01	9.74E+02	ND	ND	ND	ND	MW-67-276
MW-67-276	Q2-2011	016	275.3	-262.8	4/14/2011	10:53	1.06E+03	4.84E+02	4.19E+02	3.46E-01	1.22E+00	1.45E+00	-5.30E+00	6.78E+00	6.12E+00	1.62E+00	1.02E+01	1.15E+01	5.62E-01	1.42E+01	1.63E+01						
MW-67-276	Q3-2011	017	275.3	-262.8	8/8/2011	10:45	8.99E+02	3.90E+02	3.63E+02	-3.98E-01	1.38E+00	1.82E+00	-3.35E-01	8.67E+00	9.58E+00	1.65E+00	9.24E+00	1.07E+01	1.22E+01	1.91E+01	2.10E+01						
MW-67-276	Q4-2011	018	275.3	-262.8	11/29/2011	10:57	1.06E+03	5.25E+02	4.84E+02	1.99E-01	1.70E+00	1.95E+00	-2.95E+00	1.01E+01	1.19E+01	-7.14E-01	8.82E+00	1.11E+01	6.48E+00	1.19E+01	1.31E+01						
MW-67-323	Q1-2011	015	322.3	-309.8	1/31/2011	15:04	3.38E+02	3.70E+02	3.90E+02	2.58E-01	1.71E+00	2.03E+00	2.47E-01	5.70E+00	6.35E+00	8.12E-03	5.80E+00	6.35E+00	-5.93E+00	1.90E+01	2.25E+01	4.26E+02	ND	ND	ND	ND	MW-67-323
MW-67-323	Q2-2011	016	322.3	-309.8	4/14/2011	11:33	4.26E+02	4.06E+02	4.13E+02	1.05E+00	1.52E+00	1.62E+00	2.02E+00	8.36E+00	9.62E+00	-1.12E+00	7.80E+00	8.21E+00	-2.21E-01	1.30E+01	1.50E+01						
MW-67-323	Q3-2011	017	322.3	-309.8	8/8/2011	10:53	3.09E+02	3.51E+02	3.73E+02	1.75E+00	1.85E+00	1.91E+00	-6.64E-01	6.66E+00	7.23E+00	4.13E+00	8.82E+00	1.09E+01	-9.62E+00	2.15E+01	2.43E+01						
MW-67-323	Q4-2011	018	322.3	-309.8	11/29/2011	10:57	3.62E+02	4.56E+02	4.86E+02	7.61E-01	1.71E+00	1.91E+00	-3.91E+00	9.81E+00	1.15E+01	1.58E+00	5.43E+00	8.36E+00	1.66E+01	2.34E+01	2.56E+01						
MW-67-340	Q1-2011	015	339.8	-327.3	1/31/2011	14:53	2.75E+02	3.58E+02	3.83E+02	-7.06E-01	1.51E+00	1.99E+00	4.30E-01	6.34E+00	7.02E+00	-1.15E+00	6.54E+00	6.88E+00	-5.79E+00	1.85E+01	2.20E+01	5.46E+02	ND	ND	ND	ND	MW-67-340
MW-67-340	Q2-2011	016	339.8	-327.3	4/14/2011	11:17	6.56E+02	4.32E+02	4.13E+02	2.62E-01	1.16E+00	1.40E+00	5.89E+00	9.02E+00	1.12E+01	4.57E+00	9.02E+00	1.15E+01	7.58E+00	1.54E+01	1.71E+01						
MW-67-340	Q3-2011	017	339.8	-327.3	8/8/2011	10:43	4.19E+02	3.60E+02	3.72E+02	-5.52E-01	1.49E+00	1.89E+00	-9.17E-01	7.92E+00	8.61E+00	-4.93E+00	1.06E+01	1.00E+01	6.17E+00	1.84E+01	2.05E+01						
MW-67-340	Q4-2011	018	339.8	-327.3	11/29/2011	10:46	5.62E+02	4.68E+02	4.76E+02	-5.80E-01	1.53E+00	1.87E+00	-7.65E+00	7.53E+00	7.09E+00	1.23E+00	8.85E+00	1.14E+01	1.70E+00	1.06E+01	1.17E+01						
MW-107	Q2-2011	010	32.7	110.1	5/2/2011	9:25	3.15E+02	3.76E+02	3.95E+02	8.29E-01	1.29E+00	1.40E+00	-3.56E+00	1.30E+01	1.65E+01	2.39E+00	6.84E+00	8.63E+00	NA	NA	NA	ND	ND	ND	ND	NA	MW-107
MW-108	Q2-2011 Mid	005	8.3	6.2	7/5/2011	15:08	1.24E+03	4.89E+02	2.90E+02	-9.21E-02	1.29E+00	1.55E+00	4.93E+00	9.84E+00	1.17E+01	-7.54E+00	8.49E+00	7.19E+00	-8.75E+00	2.32E+01	2.62E+01	1.51E+03	ND	ND	ND	ND	MW-108
MW-108	Q3-2011 Mid	006	8.3	6.2	8/29/2011	11:25	1.78E+03	5.73E+02	2.62E+02	-7.81E-01	7.89E-01	1.24E+00	-1.86E-01	1.19E+01	1.21E+01	-4.10E+00	1.13E+01	1.10E+01	2.65E+00	1.16E+01	1.30E+01						
MW-109	Q2-2011 Mid	005	8.5	6.1	7/5/2011	12:45	2.43E+03	6.36E+02	2.79E+02	2.60E-01	1.25E+00	1.45E+00	2.23E-01	8.67E+00	9.62E+00	-3.32E+00	7.74E+00	6.65E+00	3.57E+00	3.51E+01	3.92E+01	2.85E+03	ND	ND	ND	ND	MW-109
MW-109	Q3-2011 Mid	006	8.5	6.1	8/26/2011	13:49	3.26E+03	7.50E+02	2.59E+02	5.48E-01	1.01E+00	1.12E+00	2.37E+00	7.65E+00	8.94E+00	3.72E+00	9.60E+00	1.17E+01	-8.72E-01	8.73E+00	1.00E+01						
MW-111	Q4-2011	036	16.5	2.4	11/11/2011	11:30	1.11E+04	1.42E+03	3.31E+02	1.09E+00	1.53E+00	1.62E+00	-2.01E-01	7.11E+00	8.62E+00	2.75E+00	8.97E+00	1.21E+01	NA	NA	NA	1.11E+04	ND	ND	ND	NA	MW-111
U3-3	Q2-2011 Mid	014			7/13/2011	12:28	6.73E+02	3.81E+02	2.81E+02	-3.49E-01	8.13E-01	1.19E+00	-4.64E-01	8.01E+00	8.64E+00	-3.52E+00	8.61E+00	8.20E+00	NA	NA	NA	8.52E+02	ND	ND	ND	NA	U3-3
U3-3	Q3-2011 Mid	015			8/29/2011	13:09	1.03E+03	4.56E+02	2.66E+02	-5.04E-01	6.63E-01	1.06E+00	-2.50E+00	8.55E+00	7.82E+00	-3.69E+00	7.74E+00	7.12E+00	NA	NA	NA						
U3-4D	Q1-2011	027	25.6	-10.8	2/17/2011	14:41	6.28E+02	4.14E+02	4.05E+02	-8.34E-02	1.55E+00	1.95E+00	1.24E+00	4.72E+00	5.29E+00	8.61E-01	4.84E+00	5.47E+00	NA	NA	NA	6.81E+02	ND	ND	ND	NA	U3-4D
U3-4D	Q2-2011	028	25.6	-10.8	4/25/2011	14:50	7.41E+02	4.36E+02	3.98E+02	1.18E+00	1.38E+00	1.46E+00	-3.17E+00	7.58E+00	7.50E+00	4.81E-01	7.14E+00	8.11E+00	NA	NA	NA						
U3-4D	Q2-2011 Mid	029	25.6	-10.8	7/14/2011	11:55	3.88E+02	4.20E+02	4.38E+02	1.24E-01	1.06E+00	1.26E+00	4.78E+00	1.13E+01	1.32E+01	3.12E+00	1.22E+01	1.46E+01	NA	NA	NA						
U3-4D	Q3-2011	030	25.6	-10.8	7/29/2011	11:05	6.73E+02	4.02E+02	3.04E+02	1.23E-01	1.58E+00	1.90E+00	5.66E+00	8.43E+00	1.05E+01	-2.58E+00	9.30E+00	9.06E+00	NA	NA	NA						
U3-4D	Q4-2011	031	25.6	-10.8	11/16/2011	12:56	3.50E+02	3.63E+02	3.81E+02	3.17E-01	1.38E+00	1.64E+00	-9.88E-01	8.82E+00	1.07E+01	-9.21E-01	9.27E+00	1.17E+01	NA	NA	NA						
U3-4S	Q2-2011	003			4/25/2011	14:13	1.48E+02	3.78E+02	4.22E+02	6.69E-01	1.27E+00	1.41E+00	5.35E+00	8.82E+00	1.07E+01	1.75E+00	8.92E+00	1.03E+01	NA	NA	NA	6.10E+02	ND	ND	ND	NA	U3-4S
U3-4S	Q2-2011 Mid	004			7/14/2011	11:27	3.29E+02	4.11E+02	4.36E+02	1.06E+00	1.33E+00	1.40E+00	-2.41E+00	7.59E+00	7.88E+00	3.25E+00	7.65E+00	9.52E+00	NA	NA	NA						
U3-4S	Q3-2011	005			7/29/2011	10:06	4.67E+02	3.84E+02	3.43E+02	2.84E-01	1.64E+00	1.90E+00	9.19E+00	1.58E+01	9.23E+00	7.83E-01	1.02E+01	1.17E+01	NA	NA	NA						
U3-4S	Q4-2011	006			11/16/2011	11:28	7.52E+02	4.41E+02	3.32E+02	9.35E-01	1.38E+00	1.47E+00	-2.06E+00	9.27E+00	1.12E+01	1.63E+00	7.80E+00	1.08E+01	NA	NA	NA						
U3-T1	Q1-2011	031	5.7	2.8	2/22/2011	11:11	6.55E+02	4.08E+02	3.92E+02	1.62E+00	1.96E+00	2.02E+00	1.80E+00	1.05E+01	6.14E+00	2.12E+00	6.42E+00	7.54E+00	NA	NA	NA	8.02E+02	ND	ND	ND	NA	U3-T1
U3-T1	Q2-2011	032	5.7	2.8	5/6/2011	10:23	7.82E+02	5.16E+02	5.03E+02	-6.43E-02	9.94E-01	1.30E+00	-3.24E+00	9.12E+00	9.22E+00	8.49E-01	1.09E+01	1.21E+01	NA	NA	NA						
U3-T1	Q3-2011	033	5.7	2.8	8/22/2011	14:40	1.00E+03	3.42E+02	1.95E+02	-6.26E-02	1.10E+00	1.37E+00	-4.61E-01	8.70E+00	8.45E+00	-2.62E+00	8.31E+00	8.23E+00	NA	NA	NA						
U3-T1	Q4-2011	034	5.7	2.8	10/19/2011	11:39	7.69E+02	4.05E+02	3.84E+02	1.59E-01	1.19E+00	1.45E+00	-3.93E-01	9.51E+00	1.17E+01	2.12E-01	9.12E+00	1.17E+01	NA	NA	NA						
U3-T2	Q1-2011	036	5.7	2.6	2/22/2011	14:30	2.27E+03	4.92E+02	3.62E+02	1.82E+00	2.04E+00	2.05E+00	3.65E+00	6.08E+00	7.29E+00	5.97E-01	7.12E+00	7.85E+00	NA	NA	NA	2.88E+03	ND	ND	ND	NA	U3-T2
U3-T2	Q2-2011	037	5.7	2.6	5/6/2011	11:41	3.83E+03	6.42E+02	4.19E+02	3.27E-01	1.32E+00	1.58E+00	2.82E+00	7.26E+00	8.74E+00	5.77E-01	9.68E+00	1.08E+01	NA	NA	NA						
U3-T2	Q2-2011 Mid	038	5.7	2.6	7/8/2011	10:55	2.67E+03	6.63E+02	2.80E+02	4.75E-01	1.31E+00	1.50E+00	3.77E+00	1.08E+01	1.19E+01	-1.06E+00	1.02E+01	1.07E+01	NA	NA	NA						
U3-T2	Q3-2011	039	5.7	2.6	7/29/2011	12:32	2.65E+03	7.02E+02	3.34E+02	1.05E+00	1.81E+00	1.99E+00	-5.43E-01	8.49E+00	9.21E+00	2.63E+00	8.91E+00	1.07E+01	NA	NA	NA						
U3-T2	Q4-2011	040	5.7	2.6	10/19/2011	10:20	2.98E+03	7.62E+02	3.28E+02	-8.79E-02	1.15E+00	1.47E+00	-4.88E+00	1.02E+01	1.09E+01	-5.13E+00	1.12E+01	1.23E+01	NA	NA	NA						
U1-CSS	Q2-2011	016	14	6.1	5/4/2011	13:24	6.38E+03	6.84E+02	3.40E+02	1.61E+01	2.70E+00	1.01E+00	3.29E+00	8.36E+00	9.79E+00	7.12E+00	9.42E+00	1.24E+01	-1.05E+01	1.55E+01	1.84E+01	6.29E+03	1.00E+01	ND	ND	ND	U1-CSS
U1-CSS	Q2-2011 Mid	017	14	6.1	7/8/2011	13:33	1.08E+04	1.28E+03	2.79E+02	3.90E+00	1.82E+00	1.30E+00	3.84E-02	9.18E+00	1.01E+01	-3.60E+00	9.96E+00	1.06E+01	-3.20E+00	2.09E+01	2.34E+01						
U1-CSS	Q4-2011	018	14	6.1	10/27/2011	13:02	1.70E+03	5.64E+02	4.77E+02	7.82E-01	1.28E+00	1.39E+00	-2.80E+00	8.07E+00	8.99E+00	1.05E+00	7.08E+00	9.69E+00	-8.01E+00	1.78E+01	2.07E+01						
U1-NCD	Q3-2011	011			9/15/2011	11:45	3.86E+03	6.39E+02	3.99E+02	9.08E+01	7.80E+00	1.54E+00	4.77E+03	6.42E+02	8.81E+00	3.36E+00	4.68E+00	5.97E+00	1.14E+02	2.09E+01	1.82E+01	5.83E+03	4.05E+01	6.14E+03	ND	1.49E+02	U1-NCD
U1-NCD	Q4-2011	012			10/3/2011	13:20	1.13E+04	1.03E+03	3.35E+02	1.58E+01	3.72E+00	1.74E+00	5.92E+03	8.04E+02	1.43E+01	1.93E+00	7.20E+00	9.97E+00	1.36E+02	2.21E+01	1.86E+01						
U1-NCD	Q4-2011	013			12/26/2011	12:45	2.32E+03	5.13E+02	3.74E+02	1.49E+01	5.52E+00	3.33E+00	7.73E+03	9.75E+02	1.84E+01	-1.01E+00	9.48E+00	1.17E+01	1.96E+02	2.79E+01	1.88E+01						
U1-SFDS	Q3-2011	013			9/15/2011	11:35	2.09E+03	5.25E+02	4.00E+02	7.79E+00	2.54E+00	1.39E+00	9.23E+00	6.72E+00	6.70E+00	1.14E+00	6.27E+00	7.16E+00	-4.97E+00	1.70E+01	1.95E+01	2.06E+03	5.33E+00	9.23E+00	ND	2.06E+01	U1-SFDS
U1-SFDS	Q4-2011	014			10/5/2011	9:00	2.02E+03	5.01E+02	3.35E+02	5.54E+00	2.53E+00	1.97E+00	4.27E+00	9.96E+00	1.25E+01	-6.39E+00	8.94E+00	9.49E+00	2.06E+01	1.87E+01	2.00E+01						
U1-SFDS	Q4-2011	015			12/28/2011	8:19	1.10E+02	3.21E+02	3.61E+02	2.66E+00	2.22E+00	2.08E+00	-3.38E+00	9.87E+00	1.13E+01	3.75E-01	1.02E+01	1.33E+01	-4.44E+00	1.47E+01	1.73E+01						
I-2	Q3-2011	003			8/12/2011	15:13	2.34E+02	2.15E+02	2.00E+02	-5.95E-01	7.44E-01	1.16E+00	5.11E+00	1.19E+01	1.35E+01	-2.57E-01	9.24E+00	1.02E+01	NA	NA	NA	2.34E+02	ND	ND	ND	NA	I-2
I-2	Q4-2011	004			12/8/2011	14:15	-3.49E+01	3.45E+02	4.09E+02	-2.39E-01	1.56E+00	1.92E+00	-2.35E+00	8.76E+00	1.00E+01	-2.12E+00	8.46E+00	1.04E+01	NA	NA	NA						
MH-5 VCFD[7]	Q1-2011	014			2/28/2011	9:47	5.17E+03	6.58E+02	3.66E+02	1.90E+00	1.99E+00	1.94E+00	3.45E-01	5.64E+00	6.19E+00	-1.28E+00	6.18E+00	6.45E+00	NA	NA	NA	1.34E+04	ND	ND	ND	NA	MH-5 VCFD[7]
MH-5 VCFD	Q2-2011	015			4/22/2011	13:37	1.25E+04	1.10E+03	4.46E+02	8.17E-01	1.85E+00	2.08E+00	-3.21E+00	8.36E+00	8.43E+00	-1.60E+00	9.06E+00	9.51E+00	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	018			7/7/2011	14:29	2.97E+03	7.02E+02	2.83E+02	-3.05E-01	8.04E-01	1.11E+00	9.24E-01	7.95E+00	8.84E+00	5.11E-01	8.49E+00	9.13E+00	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	019			7/12/2011	12:46	9.86E+03	1.23E+03	2.81E+02	9.15E-01	1.05E+00	1.06E+00	-1.17E+01	1.33E+01	1.52E+01	-1.19E+00	9.99E+00	1.06E+01	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	020			7/20/2011	10:48	2.89E+03	7.32E+02	3.35E+02	-4.57E-01	1.01E+00	1.47E+00	1.79E+00	6.30E+00	7.26E+00	-2.61E+00	8.34E+00	8.34E+00	NA	NA	NA						
MH-5 VCFD	Q2-2011 Mid	021			7/26/2011	12:50	1.86E+03	6.03E+02	3.33E+02	-7.10E-01	9.45E-01	1.45E+00	2.81E+00	7.47E+00	8.99E+00	-8.33E-01	9.66E+00	1.03E+01	NA	NA	NA						
MH-5 VCFD	Q3-2011	022			8/3/2011	14:12	3.90E+03	8.31E+02	3.31E+02	-4.45E-01	1.07E+00	1.50E+00	-6.18E-01	1.01E+01	1.10E+01	-6.71E+00	1.43E+01	1.29E+01	NA	NA	NA						
MH-5 VCFD	Q3-2011	023			8/11/2011	12:39	2.74E+04	1.65E+03	2.02E+02	6.43E-01	1.19E+00	1.32E+00	-2.20E+00	7.47E+00	7.63E+00	1.85E+00	5.85E+00	7.32E+00	NA	NA	NA						
MH-5 VCFD	Q3-2011	024			8/18/2011	9:50	2.09E+04	1.87E+03	2.64E+02	9.64E-01	1.55E+00	1.70E+00	1.90E+00	7.98E+00	9.05E+00	-3.10E+00	9.60E+00	9.54E+00	NA	NA	NA						
MH-5 VCFD	Q3-2011 Mid	025			8/24/2011	11:01	1.40E+04	1.51E+03	2.58E+02	5.99E-01	1.30E+00	1.46E+00	-2.36E+00	7.86E+00	8.21E+00	3.46E+00	7.98E+00	9.92E+00	NA	NA	NA						
MH-5 VCFD	Q3-2011 Mid	026			8/30/2011	13:55	3.37E+04	1.83E+03	2.03E+02	9.19E-01	1.31E+00	1.40E+00	1.76E+00	7.23E+00	8.47E+00	-1.69E+00	7.86E+00	7.79E+00	NA	NA	NA						
MH-5 VCFD	Q4-2011	027			10/17/2011	10:07	1.48E+04	1.09E+03	3.86E+02	-5.57E-01	1.17E+00	1.65E+00	1.51E+00	7.68E+00	9.98E+00	-2.77E+00	7.92E+00	9.24E+00	NA	NA	NA						
MH-5 VCFD	Q4-2011	028			10/31/2011	14:20	2.40E+04	1.37E+03	3.89E+02	1.06E+00	1.72E+00	1.87E+00	5.56E+00	1.15E+01	1.61E+01	3.37E-01	1.09E+01	1.53E+01	NA	NA	NA						
LAF-002	Q2-2011	015		-22.3	5/2/2011	12:50	6.69E+01	3.04E+02	3.43E+02	1.16E+00	1.55E+00	1.66E+00	-5.80E-01	7.86E+00	8.57E+00	-6.46E-01	7.24E+00	7.65E+00	-3.48E-01	1.60E+01	1.83E+01	ND	ND	ND	ND	ND	LAF-002
LAF-002	Q4-

TABLE 3
FOURTH QUARTER 2011 GROUNDWATER ANALYTICAL RESULTS AND AVERAGES
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLING QUARTER[2,8]	SAMPLE ID	SAMPLE ZONE CENTER Depth Ft Below Top of Casing[3]	SAMPLE ZONE CENTER Elevation Ft msl[3]	SAMPLE COLLECTION		ANALYSIS RESULTS[5]													YEARLY ROLLING AVERAGES[4,6]					
							TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			TRITIUM (pCi/L)	Sr-90 (pCi/L)	Cs-137 (pCi/L)	Co-60 (pCi/L)	Ni-63 (pCi/L)	
					Date	Time	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Result	Std. Dev.[9]	MDC	Average	Average	Average	Average	Average	
B-1[7]	Q1-2011	011			2/14/2011	15:44	3.82E+03	5.88E+02	3.65E+02	5.41E-02	1.70E+00	2.14E+00	2.15E+01	1.22E+01	6.75E+00	-1.81E+00	7.00E+00	7.25E+00	NA	NA	NA	4.22E+03	ND	1.90E+01	ND	NA	B-1[7]
B-1	Q2-2011	012			4/25/2011	10:50	8.10E+03	9.22E+02	4.53E+02	-6.21E-03	1.74E+00	2.09E+00	2.05E+01	1.33E+01	1.03E+01	3.18E+00	9.06E+00	1.11E+01	NA	NA	NA						
B-1	Q3-2011	013			8/17/2011	13:17	7.36E+02	3.03E+02	1.96E+02	-6.00E-02	9.87E-01	1.25E+00	1.51E+01	1.49E+01	7.29E+00	-4.01E-01	7.02E+00	7.34E+00	NA	NA	NA						
B-6[7]	Q1-2011	011			2/28/2011	11:27	8.39E+02	3.90E+02	3.65E+02	6.28E-01	1.78E+00	2.05E+00	4.45E+00	5.82E+00	7.02E+00	-1.35E+00	6.50E+00	6.88E+00	NA	NA	NA	1.18E+03	ND	ND	ND	NA	B-6[7]
B-6	Q2-2011	012			4/25/2011	9:48	2.68E+03	6.18E+02	4.53E+02	-6.69E-01	1.58E+00	2.09E+00	-1.31E-01	8.56E+00	9.08E+00	4.73E+00	1.06E+01	1.35E+01	NA	NA	NA						
B-6	Q2-2011 Mid	013			7/8/2011	11:05	5.39E+02	3.54E+02	2.82E+02	1.32E+00	1.56E+00	1.63E+00	6.09E+00	1.58E+01	8.04E+00	-2.64E+00	8.97E+00	8.84E+00	NA	NA	NA						
B-6	Q3-2011	014			7/29/2011	10:52	6.45E+02	4.14E+02	3.38E+02	-2.59E-01	1.39E+00	1.79E+00	1.60E+00	7.74E+00	8.72E+00	4.72E+00	5.07E+00	7.82E+00	NA	NA	NA						
B-6	Q4-2011	015			10/20/2011	12:01	1.70E+02	3.48E+02	3.87E+02	-1.65E-01	1.57E+00	1.98E+00	-3.07E+00	7.65E+00	8.33E+00	1.53E+00	8.34E+00	1.10E+01	NA	NA	NA						

Notes:
1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. All analytical results from the last 12 months from each location are provided. Monitoring locations are sampled quarterly, bi-annually, or annually, and as necessary during the year.
3. Sampling depths within sampling intervals (i.e. location of pump intake) have been located adjacent to a transmissive zone where possible.
4. Averages provided are analytical result averages of all valid samples (including mid-quarter and confirmatory samples) collected from each monitoring location from the first quarter of 2010 (Q1-2011) to the fourth quarter of 2011 (Q4-2011) including the post Q4-2011 samples, if collected. Monitoring locations are sampled quarterly, bi-annually, or annually and additional samples are collected when necessary. Therefore, some results provided are the average of more than 4 samples. For quarters in which samples were reanalyzed due to potential false positives, both results were used to calculate averages if subsequent results confirmed the validity of the original sample/analysis. For cases in which reanalysis discredited the validity of the original sample result, the replacement results were used to calculate the average. If analytical results resulted in resampling, and the resample result discredited the validity of the original sample result of a particular radionuclide, the original sample results were not used for any radionuclides and only the resample result was used. For cases in which an aliquot of the original sample was reanalyzed, if the result of the aliquot confirmed the original result, then the aliquot result and the original result were averaged and the average of the two was used to calculate the rolling average. If the aliquot result indicated the original result was false, then only the aliquot result was used to calculate the rolling average.
5. NA indicates that the constituent was not analyzed.
6. ND indicates that all of the analytical results used to calculate the average were less than MDC and/or 3 times the 1 sigma uncertainty.
7. These locations are storm drains or foundation drains.
8. Mid-quarter samples were collected and analyzed to evaluate the potential effect of certain operations on groundwater quality or to further evaluate the groundwater conditions.
9. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.

* The Q1 2011 MW-40-100, MW-40-127 and MW-51-189 Cs-137 results were verified by re-analysis. However, based on the available chemistry and Site hydrogeologic data, these values do not appear to be representative of the groundwater conditions at these sampling intervals.
** The Q2 2011 MW-40-46 preliminary Sr-90 result was 2.83 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.
*** The Post-Q3 2011 MW-58-65 preliminary Sr-90 result was 3.64 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.

See Page 7 for Notes

TABLE 4
2011 1st QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																		Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	L.L.[3,7]	Result	Std. Dev.[6]	MDC	L.L.[3]	Result	Std. Dev.[6]	MDC	L.L.[3]	Result	Std. Dev.[6]	MDC	L.L.[3]	Result	Std. Dev.[6]	MDC	L.L.[3]	
MW-30-84	028	2/9/2011	12:57	9.20E+03	8.86E+02	3.79E+02	1.22E+04	1.12E+00	1.82E+00	1.98E+00	2.00E+00	5.89E-01	4.74E+00	5.22E+00	positive	1.09E+00	5.76E+00	6.49E+00	positive	NA	NA	NA	positive	MW-30-84
MW-30-84	029	3/31/2011	12:03	9.04E+03	1.06E+03	4.74E+02	1.22E+04	-4.78E-01	1.66E+00	2.13E+00	2.00E+00	5.00E-01	1.12E+01	1.21E+01	positive	-3.04E+00	9.48E+00	9.12E+00	positive	NA	NA	NA	positive	MW-30-84
MW-31-49	029	2/9/2011	13:12	1.06E+03	3.40E+02	2.98E+02	4.28E+04	-5.51E-01	1.76E+00	2.14E+00	2.00E+00	1.39E+00	5.22E+00	6.02E+00	positive	4.84E-01	5.26E+00	5.91E+00	positive	NA	NA	NA	positive	MW-31-49
MW-31-49	030	3/30/2011	12:33	4.31E+03	7.84E+02	4.65E+02	4.28E+04	1.77E+00	2.04E+00	2.16E+00	2.00E+00	-2.34E+00	7.80E+00	8.17E+00	positive	-5.38E-01	9.18E+00	1.00E+01	positive	NA	NA	NA	positive	MW-31-49
MW-31-63	029	2/9/2011	13:14	2.46E+04	1.10E+03	2.98E+02	3.99E+04	4.29E-01	1.78E+00	2.08E+00	2.00E+00	-1.42E+00	6.46E+00	6.81E+00	positive	-2.31E+00	6.42E+00	6.26E+00	positive	NA	NA	NA	positive	MW-31-63
MW-31-63	030	3/30/2011	13:13	1.33E+04	1.14E+03	4.53E+02	3.99E+04	1.49E+00	1.87E+00	2.02E+00	2.00E+00	8.76E-01	9.00E+00	9.97E+00	positive	-1.92E-01	7.26E+00	7.92E+00	positive	NA	NA	NA	positive	MW-31-63
MW-31-85	029	2/9/2011	13:03	4.83E+03	6.84E+02	3.82E+02	1.46E+04	3.26E-01	1.79E+00	2.18E+00	2.00E+00	3.19E+00	5.96E+00	7.08E+00	positive	3.14E+00	6.06E+00	7.39E+00	positive	NA	NA	NA	positive	MW-31-85
MW-31-85	030	3/30/2011	12:55	7.75E+02	4.66E+02	4.52E+02	1.46E+04	9.37E-01	1.81E+00	2.00E+00	2.00E+00	5.90E+00	1.31E+01	8.10E+00	positive	6.43E+00	8.88E+00	1.17E+01	positive	NA	NA	NA	positive	MW-31-85
MW-32-59	023	3/1/2011	11:28	4.39E+03	6.42E+02	3.59E+02	3.42E+04	1.25E+00	1.49E+00	1.55E+00	2.00E+00	6.56E-01	5.82E+00	6.63E+00	positive	-4.41E-01	7.00E+00	7.58E+00	positive	NA	NA	NA	positive	MW-32-59
MW-32-59	024	3/31/2011	12:46	3.37E+04	1.96E+03	5.07E+02	3.42E+04	-2.13E-01	1.15E+00	1.51E+00	2.00E+00	8.24E-01	8.92E+00	9.96E+00	positive	1.99E-02	1.02E+01	1.11E+01	positive	NA	NA	NA	positive	MW-32-59
MW-32-85	026	3/1/2011	12:05	1.34E+04	1.41E+03	2.62E+02	1.63E+04	3.81E-01	1.41E+00	1.63E+00	2.00E+00	7.79E-01	8.26E+00	9.36E+00	positive	4.73E+00	9.72E+00	1.24E+01	positive	NA	NA	NA	positive	MW-32-85
MW-32-85	027	3/31/2011	13:18	1.32E+04	1.27E+03	5.07E+02	1.63E+04	-1.62E-01	1.20E+00	1.56E+00	2.00E+00	-6.56E-01	7.26E+00	7.61E+00	positive	3.80E+00	8.28E+00	1.02E+01	positive	NA	NA	NA	positive	MW-32-85
MW-32-149	023	3/1/2011	13:37	1.06E+03	4.48E+02	2.68E+02	1.00E+03	-7.01E-01	1.66E+00	2.15E+00	2.00E+00	9.25E-01	5.42E+00	6.30E+00	positive	2.06E+00	6.60E+00	7.93E+00	positive	NA	NA	NA	positive	MW-32-149
MW-32-149	024	3/31/2011	11:33	8.99E+02	5.34E+02	5.09E+02	1.00E+03	-2.01E-01	1.10E+00	1.49E+00	2.00E+00	2.52E+00	9.30E+00	1.09E+01	positive	2.31E+00	9.92E+00	1.18E+01	positive	NA	NA	NA	positive	MW-32-149
MW-32-173	021	3/1/2011	13:13	9.02E+02	4.12E+02	2.61E+02	1.50E+03	-4.04E-01	1.12E+00	1.45E+00	2.00E+00	5.99E+00	6.06E+00	7.73E+00	positive	-2.04E+00	7.36E+00	7.55E+00	positive	NA	NA	NA	positive	MW-32-173
MW-32-173	022	3/31/2011	11:35	8.41E+02	5.22E+02	5.04E+02	1.50E+03	2.46E-01	1.27E+00	1.54E+00	2.00E+00	6.51E+00	1.58E+01	8.26E+00	positive	2.19E+00	8.22E+00	9.98E+00	positive	NA	NA	NA	positive	MW-32-173
MW-32-190	025	3/1/2011	13:24	1.64E+03	5.32E+02	2.64E+02	4.21E+03	7.65E-01	1.20E+00	1.29E+00	2.00E+00	2.74E+00	5.52E+00	6.57E+00	positive	4.88E+00	7.64E+00	8.75E+00	positive	NA	NA	NA	positive	MW-32-190
MW-32-190	026	3/31/2011	11:47	1.41E+03	5.76E+02	5.02E+02	4.21E+03	-7.79E-01	1.15E+00	1.67E+00	2.00E+00	8.78E-01	7.96E+00	9.01E+00	positive	5.11E+00	1.04E+01	1.30E+01	positive	NA	NA	NA	positive	MW-32-190
MW-36-24	020	2/28/2011	12:37	2.56E+02	3.54E+02	3.81E+02	2.56E+03	-8.87E-02	1.67E+00	2.08E+00	2.00E+00	4.53E-01	5.26E+00	5.75E+00	positive	-3.09E-01	4.74E+00	5.03E+00	positive	NA	NA	NA	positive	MW-36-24
MW-36-41	021	2/28/2011	13:53	8.74E+03	6.88E+02	2.97E+02	2.10E+04	4.11E+00	1.87E+00	1.57E+00	7.99E+00	1.31E+00	5.26E+00	6.09E+00	positive	1.58E+00	5.68E+00	6.65E+00	positive	NA	NA	NA	positive	MW-36-41
MW-36-52	020	2/28/2011	12:43	3.14E+03	4.92E+02	3.37E+02	1.48E+04	1.33E+00	2.00E+00	2.14E+00	8.14E+00	-6.00E+00	5.58E+00	4.80E+00	positive	-2.66E+00	5.94E+00	5.65E+00	positive	NA	NA	NA	positive	MW-36-52
MW-37-22	021	1/27/2011	15:19	6.74E+03	6.18E+02	2.98E+02	9.19E+03	1.04E+01	2.52E+00	1.68E+00	2.20E+01	-2.18E+00	4.74E+00	4.94E+00	positive	2.59E+00	5.38E+00	6.55E+00	positive	NA	NA	NA	positive	MW-37-22
MW-37-32	021	1/27/2011	15:09	4.57E+03	5.28E+02	2.98E+02	9.32E+03	1.49E+01	3.02E+00	1.74E+00	3.54E+01	4.20E-01	6.12E+00	6.85E+00	positive	1.72E+00	6.60E+00	7.76E+00	positive	NA	NA	NA	positive	MW-37-32
MW-37-40	021	1/27/2011	13:35	5.97E+03	7.42E+02	3.82E+02	9.02E+03	1.93E+01	3.34E+00	1.85E+00	2.84E+01	1.95E+00	5.84E+00	6.78E+00	positive	2.03E+00	6.84E+00	7.92E+00	positive	NA	NA	NA	positive	MW-37-40
MW-37-57	021	1/27/2011	15:26	5.63E+03	5.76E+02	2.99E+02	9.62E+03	2.02E+01	3.60E+00	1.96E+00	3.68E+01	-3.70E-01	6.34E+00	6.92E+00	positive	-1.36E+00	5.64E+00	5.68E+00	positive	NA	NA	NA	positive	MW-37-57
MW-40-27	014	3/8/2011	12:55	1.85E+02	2.56E+02	2.65E+02	1.00E+03	1.58E-01	1.37E+00	1.61E+00	2.00E+00	3.72E-01	6.78E+00	7.39E+00	positive	2.83E+00	8.56E+00	9.99E+00	positive	NA	NA	NA	positive	MW-40-27
MW-40-46	015	3/8/2011	12:58	2.48E+02	2.74E+02	2.63E+02	1.00E+03	1.03E-01	8.58E-01	1.07E+00	2.00E+00	2.82E+00	8.00E+00	9.18E+00	positive	7.99E+00	8.74E+00	1.19E+01	positive	NA	NA	NA	positive	MW-40-46
MW-40-81	015	3/8/2011	10:17	2.33E+02	2.68E+02	2.63E+02	1.00E+03	8.50E-01	1.51E+00	1.67E+00	2.00E+00	1.26E+00	1.06E+01	7.71E+00	positive	-1.45E+00	6.08E+00	6.16E+00	positive	NA	NA	NA	positive	MW-40-81
MW-40-100**	017	3/8/2011	10:27	5.17E+01	2.14E+02	2.64E+02	1.00E+03	2.52E-02	1.30E+00	1.58E+00	2.00E+00	2.46E+01**	1.35E+01	7.66E+00	positive	-1.40E+00	7.88E+00	8.30E+00	positive	NA	NA	NA	positive	MW-40-100**
MW-40-127**	017	3/8/2011	10:41	1.33E+02	2.40E+02	2.64E+02	1.00E+03	1.03E+00	1.40E+00	1.51E+00	2.00E+00	5.07E+01**	1.64E+01	7.63E+00	positive	3.45E-01	7.18E+00	7.96E+00	positive	NA	NA	NA	positive	MW-40-127**
MW-40-162	015	3/8/2011	11:02	8.33E+01	2.24E+02	2.63E+02	1.00E+03	-1.03E+00	1.07E+00	1.57E+00	2.00E+00	-3.72E+00	6.12E+00	5.93E+00	positive	-2.11E+00	6.42E+00	6.37E+00	positive	NA	NA	NA	positive	MW-40-162
MW-41-40	019	2/14/2011	14:05	2.03E+03	4.02E+02	2.98E+02	1.00E+03	1.15E+01	2.68E+00	1.83E+00	7.28E+00	4.60E+00	7.30E+00	8.61E+00	positive	4.22E+00	7.36E+00	9.28E+00	positive	NA	NA	NA	positive	MW-41-40
MW-41-63	018	2/14/2011	13:37	1.23E+03	4.44E+02	3.80E+02	1.00E+03	6.92E+00	2.46E+00	1.96E+00	7.36E+00	1.24E+00	5.30E+00	6.03E+00	positive	2.69E+00	6.06E+00	7.29E+00	positive	NA	NA	NA	positive	MW-41-63
MW-42-49	024	3/4/2011	11:37	1.49E+03	5.14E+02	3.88E+02	3.16E+04	2.32E+01	3.34E+00	1.11E+00	9.00E+01	3.30E+04	4.42E+03	2.75E+01	6.58E+04	1.42E+00	6.78E+00	7.87E+00	positive	3.02E+02	3.04E+01	2.00E+01	673.5	MW-42-49
MW-42-78	019	3/4/2011	10:58	5.98E+02	4.06E+02	3.84E+02	1.00E+03	8.92E-01	1.47E+00	1.60E+00	2.00E+00	-2.03E+00	6.72E+00	6.99E+00	positive	8.03E-02	6.70E+00	7.41E+00	positive	0.00E+00	1.73E+01	1.96E+01	positive	MW-42-78
MW-43-28	018	2/15/2011	13:08	2.54E+02	2.80E+02	2.99E+02	1.00E+03	-1.06E+00	1.40E+00	2.00E+00	2.00E+00	5.75E-02	1.26E+01	7.06E+00	positive	-3.84E+00	6.84E+00	6.54E+00	positive	NA	NA	NA	positive	MW-43-28
MW-43-62	018	2/15/2011	13:15	1.82E+02	2.76E+02	3.00E+02	1.00E+03	7.75E-01	1.74E+00	1.95E+00	2.00E+00	6.59E-01	5.08E+00	5.56E+00	positive	-2.37E-01	5.16E+00	5.52E+00	positive	NA	NA	NA	positive	MW-43-62
MW-44-66	019	2/18/2011	10:41	4.57E+02	3.90E+02	3.99E+02	1.00E+03	-2.94E-01	1.59E+00	1.95E+00	2.00E+00	1.74E+00	7.72E+00	8.56E+00	positive	-1.40E+00	7.92E+00	8.46E+00	positive	NA	NA	NA	positive	MW-44-66
MW-44-102	020	2/18/2011	10:44	3.93E+02	2.90E+02	2.97E+02	1.00E+03	2.63E-01	1.86E+00	2.15E+00	2.00E+00	2.22E-01	4.96E+00	5.47E+00	positive	-2.93E-01	6.02E+00	6.58E+00	positive	NA	NA	NA	positive	MW-44-102
MW-45-42	023	2/16/2011	16:58	8.12E+03	7.86E+02	3.63E+02	5.90E+03	1.03E+00	1.39E+00	1.48E+00	2.00E+00	-8.53E-01	5.64E+00	5.99E+00	positive	1.42E+00	6.30E+00	7.17E+00	positive	NA	NA	NA	positive	MW-45-42
MW-45-61	023	2/16/2011	16:15	1.84E+03	5.20E+02	3.98E+02	2.65E+03	-2.25E-01	1.64E+00	1.96E+00	2.00E+00	1.38E+00	4.80E+00	5.41E+00	positive	9.89E-01	5.46E+00	6.15E+00	positive	NA	NA	NA	positive	MW-45-61
MW-46	023	2/23/2011	12:46	2.47E+03	5.70E+02	3.98E+02	1.84E+03	1.12E+00	1.89E+00	2.06E+00	2.00E+00	-2.22E+00	5.28E+00	5.28E+00	positive	5.21E-01	5.10E+00	5.66E+00	positive	NA	NA	NA	positive	MW-46
MW-49-26	023	1/28/2011	13:37	3.17E+03	6.00E+02	4.29E+02	6.52E+03	1.30E+01	2.86E+00	2.01E+00	2.79E+01	3.39E-01	1.04E+01	7.00E+00	positive	-2.43E+00	6.42E+00	6.44E+00	positive	-4.38E+00	1.87E+01	2.20E+01	positive	MW-49-26
MW-49-42	023	1/28/2011	13:00	2.45E+03	5.38E+02	3.86E+02	4.97E+03	2.30E+01	4.02E+00	2.02E+00	3.72E+01	-1.07E+00	5.74E+00	6.21E+00	positive	-2.45E+00	5.50E+00	5.32E+00	positive	-3.26E+00	1.86E+01	2.18E+01	positive	MW-49-42
MW-49-65	023	1/28/2011	13:15	1.94E+03	5.02E+02	3.85E+02	3.03E+03	1.15E+01	3.28E+00	2.06E+00	2.62E+01	-6.30E-01	4.96E+00	5.21E+00	positive	7.15E-01	5.20E+00	5.81E+00	positive	-9.08E+00	1.83E+01	2.20E+01	positive	MW-49-65
MW-50-42	024	2/25/2011	12:36	5.61E+02	3.88E+02	3.85E+02	1.04E+03	5.42E+00	2.34E+00	1.91E+00	1.10E+01	-1.29E-01	5.46E+00	5.88E+00	positive	-9.07E-01	4.42E+00	4.42E+00	positive	-7.19E+00	1.82E+01	2.18E+01	positive	MW-50-42
MW-50-66	029	2/25/2011	12:36	3.76E+03	6.18E+02	3.83E+02	5.90E+03	2.61E+01	4.02E+00	2.13E+00	5.24E+01	2.94E+00	7.20E+00	8.24E+00	positive	6.79E-01	8.00E+00	9.10E+00	positive	-2.80E+00	1.81E+01	2.12E+01	positive	MW-50-66
MW-51-40	018	3/8/2011	10:18	1.02E+02	2.34E+02	2.67E+02	1.00E+03	1.07E+00	1.51E+00	1.61E+00	2.00E+00	-7.97E+00	1.21E+01	1.36E+01	positive	2.42E+00	7.30E+00	8.76E+00	positive	NA	NA	NA	positive	MW-51-40
MW-51-79	018	3/8/2011	10:34	1.36E+02	2.46E+02	2.70E+02	1.00E+03	-2.03E-01	1.22E+00	1.53E+00	2.00E+00	2.42E+00	5.42E+00	6.52E+00	positive	-2.74E+00	7.36E+00	6.45E+00	positive	NA	NA	NA	positive	MW-51-79
MW-51-104	016	3/8/2011	12:10	5.76E+01	3.10E+02	3.55E+02	1.00E+03	8.91E-01	1.47E+00	1.60E+00	2.00E+00	2.54E+00	7.20E+00	8.14E+00	positive	9.02E-01	5.50E+00	6.24E+00	positive	NA	NA	NA	positive	MW-51-104
MW-51-135	016	3/8/2011	12:44	8.29E+01	2.24E+02	2.62E+02	1.00E+03	8.62E-01	1.31E+00	1.42E+00	2.00E+00	8.60E-02	6.02E+00	6.77E+00	positive	2.37E+00	5.96E+00	7.38E+00	positive	NA	NA	NA	positive	MW-51-135
MW-51-163	016	3/8/2011	13:01	0.00E+00	1.96E+02	2.63E+02	1.00E+03	-5.97E-01	1.39E+00	1.98E+00	2.00E+00	2.81E+00	6.54E+00	7.66E+00	positive	5.35E-01	7.76E+00	8.69E+00	positive	NA	NA	NA	positive	MW-51-163
MW-51-189**	016	3/8/2011	12:30	-1.50E+01	1.93E+02	2.68E+02	1.00E+03	-3.06E-01	1.46E+00	1.97E+00	2.00E+00	3.77E+01**	1.47E+01	6.28E+00	positive	2.28E-01	5.28E+00	5.79E+00	positive	NA	NA	NA	positive	MW-51-189**
MW-53-82	018	3/3/2011	11:53	5.95E+02	3.76E+02	3.73E+02	3.83E+03	1.61E+00	1.82E+00	1.91E+00	4.46E+00	3.61E+00	6.18E+00	7.60E+00	positive	-1.88E+00	7.02E+00	7.25E+00	positive	-7.63E+00	1.59E+01	1.85E+01	positive	MW-53-82
MW-53-120	022	3/3/2011	12:00	3.84E+03	7.18E+02	3.89E+02	1.05E+04	2.95E+01	3.76E+00	1.13E+00	6.60E+01	2.30E+00	7.32E+00	8.49E+00	positive	-2.43E+00	8.14E+00	8.13E+00	positive	1.00E+01	1.70E+01	1.87E+01	positive	MW-53-120
MW-54-37	016	2/1/2011	14:10	1.33E+03	4.86E+02	3.78E+02	2.71E+03	4.88E+00	1.77E+00	1.26E+00	9.20E+00	-1.42E+00	5.54E+00	5.67E+00	positive	3.12E-01	6.42E+00	7.04E+00	positive	-2.81E+00	1.59E+01	1.82E+01	positive	MW-54-37
MW-54-58	016	2/1/2011	14:22	9.58E+02	4.56E+02	3.92E+02	1.48E+03	1.68E+00	1.34E+00	1.28E+00	3.43E+00	-4.20E-02	7.14E+00	7.94E+00	positive	-2.21E+00	6.84E+00	6.82E+00	positive	-4.89E+00	1.66E+01	1.92E+01	positive	MW-54-58
MW-54-123	016	2/1/2011	14:11	1.08E+03	4.68E+02	3.90E+02	1.30E+03	2.56E+00	1.39E+00	1.08E+00	8.14E+00	-3.56E-01	6.02E+00	6.69E+00	positive	-3.66E-03	5.16E+00	5.75E+00	positive	2.50E+00	1.66E+01	1.87E+01	positive	MW-54-123
MW-54-144	016	2/1/2011	12:34	1.35E+03	4.96E+02	3.87E+02	2.64E+03	9.31E+00	2.24E+00	1.06E+00	2.53E+01	-9.04E-01	6.14E+00	6.70E+00	positive	-6.36E-01	6.20E+00	6.74E+00	positive	-4.27E+00	1.58E+01	1.82E+01	positive	MW-54-144
MW-54-173	016	2/1/2011	12:29	1.66E+03	5.26E+02	3.81E+02	3.63E+03	5.81E+00	1.88E+00	1.10E+00	1.22E+01	-2.87E-01	8.00E+00	8.79E+00	positive	1.01E+00	1.06E+01	1.20E+01	positive	-5.49E+00	1.77E+01	2.05E+01	positive	MW-54-173
MW-54-190	016	2/1/2011	12:25	1.89E+03	5.56E+02	3.90E+02	3.49E+03	1.68E+01	3.36E+00	1.28E+00	4.03E+01	4.59E-01	6.34E+00	7.14E+00	positive	-3.55E+00	5.96E+00	5.21E+00	positive	1.71E+00	1.67E+01	1.89E+01	positive	MW-54-190
MW-55-24	017	2/3/2011	14:13	1.02E+03	4.48E+02	4.20E+02	2.58E+03	1.09E+01	2.82E+00	1.96E+00	2.97E+01	-3.57E-01	4.92E+00	5.43E+00	positive	4.75E+00	8.74E+00	7.44E+00	positive	-5.31E+00	1.81E+01	2.14E+01	positive	MW-55-24
MW-55-35	016	2/3/2011	14:16	1.70E+03	4.84E+02	3.86E+02	4.38E+03	1.93E+01	3.42E+00	2.05E+00	4.26E+01	8.32E-01	5.82E+00	6.45E+00	positive	1.03E+00	6.24E+00	7.03E+00	positive	-2.16E+00	1.86E+01	2.17E+01	positive	MW-55-35
MW-55-54	017	2/3/2011	14:17	8.46E+03	8.58E+02	3.89E+02	1.28E+04	1.91E+01	3.78E+00	1.95E+00	3.93E+01	3.62E+00	5.80E+00	7.00E+00	positive	-6.59E-01	7.44E+00	7.93E+00	positive	-8.13E+00	1.78E+01	2.14E+01	positive	MW-55-54
MW-60-35	016	2/11/2011	12:17	3.20E+02	3.72E+02	3.88E+02	2.00E+03	9.73E-01	1.63E+00	1.78E+00	2.00E+00	2.69E+00	6.24E+00	7.46E+00	positive	1.22E-01	3.76E+00	4.24E+00	positive	-1.61E+00	1.62E+01	1.84E+01	positive	MW-60-35
MW-60-53	016	2/11/2011	10:57	3.19E+02	3.70E+02	3.87E+02	2.00E+03	7.44E-01	1.52E+00	1.70E+00	2.00E+00	-2.03E+00	5.88E+00	6.16E+00	positive	1.39E+00	7.96E+00	8.33E+00	positive	-1.39E+00	1.50E+01	1.72E+01	positive	MW-60-53
MW-60-72	016	2/10/2011	12:54	3.64E+02	3.76E+02	3.84E+02	2.00E+03	2.41E-01	1.45E+00	1.70E+00	2.00E+00	-5.10E-02	9.12E+00	1.01E+01	positive	2.27E+00	8.84E+00	1.07E+01	positive	2.12E+00	1.54E+01	1.75E+01	positive	MW-60-72
MW-60-135	016	2/10/2011	13:04	3.98E+02	3.78E+02	3.83E+02	2.00E+03	1.14E+00	1.82E+00	1.98E+00	2.00E+00	1.72E+00	6.72E+00	7.79E+00	positive	2.24E-01	7.44E+00	8.25E+00	positive	-3.56E+00	1.52E+01	1.76E+01	positive	MW-60-135
MW-60-154	016	2/10/2011	12:53	5.44E+02	4.02E+02	3.87E+02	2.00E+03	2.32E-02	8.50E-01	1.07E+00	2.00E+00	-4.12E+00	9.26E+00	8.97E+00	positive	9.91E-01	7.86E+00	9.12E+00	positive	4.61E+00	1.52E+01	1.71E+01	positive	MW-60-154
MW-60-176	016	2/10/2011	10:31	1.12E+03	4.68E+02	3.85E+02	2.00E+03	2.58E-01	1.49E+00	1.74E+00	2.00E+00	4.88E+00	1.13E+01	6.69E+00	positive	-1.75E+00	6.70E+00	6.74E+00	positive	7.24E+00	1.62E+01	1.79E+01	positive	MW-60-176
MW-62-18	016	2/24/2011	12:49	1.81E+02	3.60E+02	4.00E+02	2.00E+03	-3.86E-01	1.71E+00	2.13E+00	2.00E+00	2.12E-01	4.74E+00	5.18E+00	positive	3.58E+00	5.46E+00	6.78E+00	positive	NA	NA	NA	positive	MW-62-18
MW-62-37	016	2/24/2011	12:52	3.05E+02	3.76E+02	4.00E+02	2.00E+03	5.14E-01	1.84E+00	2.13E+00	2.00E+00	1.07E+00	6.06E+00	6.86E+00	positive	-2.84E+00	6.38E+00	6.28E+00	positive	NA	NA	NA	positive	MW-62-37
MW-62-53	015	2/24/2011	12:57	3.08E+02	3.78E+02	4.03E+02	2.00E+03	8.98E-01	1.94E+00	2.18E+00	2.00E+00	-2.62E-01	4.72E+00	5.23E+00	positive	-1.84E+00	5.58E+00	5.81E+00	positive	NA	NA	NA	positive	MW-62-53
MW-62-71	016	2/24/2011	12:40	5.38E+02	4.06E+02	4.03E+02	2.00E+03	1.28E-01	1.22E+00	1.48E+00	2.00E+00	4.10E+00	1.18E+01	6.67E+00	positive	-2.36E-01	5.00E+00	5.47E+00	positive	NA	NA	NA	positive	MW-62-71
MW-62-92	016	2/24/2011	12:39	5.09E+02	4.00E+02	4.02E+02	2.00E+03	9.56E-01	1.85E+00	2.06E+00	2.00E+00	1.68E+00	5.38E+00	6.27E+00	positive	-1.45E+00	5.68E+00	5.86E+00	positive	NA	NA	NA	positive	MW-62-92
MW-62-138	016	2/24/2011	14:54	5.17E+02	4.00E+02	4.01E+02	2.00E+03	2.15E+00	1.77E+00	1.75E+00	2.42E+00	-1.67E+00	4.72E+00	4.94E+00	positive	1.88E+00	7.04E+00	8.19E+00	positive	NA	NA	NA	positive	MW-62-138
MW-62-182	016	2/24/2011	15:07	3.55E+02	3.84E+02	4.03E+02	2.00E+03	-1.46E-01	1.45E+00	1.94E+00	2.00E+00	-1.95E+00	6.24E+00	6.60E+00	positive	5.86E-01	6.60E+00	7.33E+00	positive	NA	NA	NA	positive	MW-62-182
MW-63-18	016	3/2/2011	11:10	4.90E+02	3.58E+02	3.55E+02	2.00E+03	-4.34E-01	1.50E+00	2.03E+00	2.00E+00	1.82E+00	6.78E+00	7.90E+00	positive	2.40E+00	7.38E+00	8.82E+00	positive	NA	NA	NA	positive	MW-63-18
MW-63-34	016	3/2/2011	10:50	2.98E+02	2.86E+02	2.62E+02	2.00E+03	-4.29E-01	1.57E+00	2.11E+00	2.00E+00	7.43E-02	7.96E+00	8.82E+00	positive	-2.10E+00	8.42E+00	8.59E+00	positive	NA	NA	NA	positive	MW-63-34
MW-63-50	016	3/2/2011	14:21	4.35E+02	3.40E+02	3.44E+02	2.00E+03	1.73E-01	1.62E+00	2.03E+00	2.00E+00	1.13E+00	6.50E+00	7.48E+00	positive	3.64E+00	7.02E+00	8.70E+00	positive	NA	NA	NA	positive	MW-63-50
MW-63-93	017	3/2/2011	14:14	2.69E+02	3.00E+02	2.94E+02	2.00E+03	3.30E-01	1.79E+00	2.17E+00	2.00E+00	-1.51E+00	8.78E+00	9.05E+00	positive	3.38E+00	7.56E+00	9.56E+00	positive	NA	NA	NA	positive	MW-63-93

See Page 2 for Notes

TABLE 4
2011 1st QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	L.L.[3,7]	Result	Std. Dev.[6]	MDC	L.L.[3]	Result	Std. Dev.[6]	MDC	L.L.[3]	Result	Std. Dev.[6]	MDC	L.L.[3]	Result	Std. Dev.[6]	MDC	L.L.[3]	
MW-63-112	016	3/2/2011	14:15	3.38E+02	3.18E+02	2.96E+02	2.00E+03	1.48E-01	1.60E+00	2.00E+00	2.00E+00	-3.72E-01	6.70E+00	7.21E+00	positive	1.19E+00	6.36E+00	7.21E+00	positive	NA	NA	NA	positive	MW-63-112
MW-63-121	016	3/2/2011	11:10	5.03E+02	3.54E+02	2.94E+02	2.00E+03	-6.82E-02	1.55E+00	2.03E+00	2.00E+00	-6.26E-01	6.72E+00	7.20E+00	positive	3.49E-01	6.00E+00	6.67E+00	positive	NA	NA	NA	positive	MW-63-121
MW-63-163	016	3/2/2011	10:27	6.05E+02	3.76E+02	2.95E+02	2.00E+03	1.37E+00	1.99E+00	2.12E+00	2.00E+00	3.09E+00	5.40E+00	6.62E+00	positive	-2.05E+00	7.72E+00	7.12E+00	positive	NA	NA	NA	positive	MW-63-163
MW-63-174	016	3/2/2011	10:26	4.13E+02	3.30E+02	2.91E+02	2.00E+03	8.20E-01	1.80E+00	2.03E+00	2.00E+00	3.65E+00	6.96E+00	8.18E+00	positive	2.34E+00	7.86E+00	9.20E+00	positive	NA	NA	NA	positive	MW-63-174
MW-66-21	016	1/31/2011	16:26	4.77E+02	4.08E+02	4.24E+02	1.33E+03	3.48E-01	1.73E+00	2.02E+00	2.07E+00	-2.19E-01	5.00E+00	5.33E+00	positive	9.80E-01	6.50E+00	7.23E+00	positive	-1.06E+00	1.84E+01	2.14E+01	positive	MW-66-21
MW-66-36	015	1/31/2011	15:51	3.01E+03	6.78E+02	4.61E+02	7.71E+03	1.55E+01	3.18E+00	2.11E+00	1.40E+01	-1.13E+00	6.12E+00	6.49E+00	positive	-8.31E-01	6.80E+00	7.15E+00	positive	-4.89E+00	1.79E+01	2.12E+01	positive	MW-66-36
MW-67-39	016	2/7/2011	13:48	3.85E+03	7.60E+02	4.81E+02	6.52E+03	1.57E+01	3.34E+00	1.83E+00	1.81E+01	8.03E-02	6.18E+00	6.83E+00	positive	6.64E-01	6.78E+00	7.57E+00	positive	4.43E+00	1.97E+01	2.23E+01	positive	MW-67-39
MW-67-105	015	2/7/2011	13:57	9.94E+02	4.26E+02	3.86E+02	3.92E+03	3.37E-01	1.64E+00	1.94E+00	4.38E+00	2.40E+00	4.84E+00	5.67E+00	positive	-1.22E+00	4.86E+00	4.81E+00	positive	-4.59E+00	1.96E+01	2.31E+01	positive	MW-67-105
MW-67-173	016	2/7/2011	14:13	4.47E+02	4.48E+02	4.65E+02	1.61E+03	-2.38E-01	1.68E+00	2.12E+00	2.00E+00	-4.75E-01	5.28E+00	5.83E+00	positive	7.55E-01	6.38E+00	5.76E+00	positive	-7.05E-01	1.88E+01	2.18E+01	positive	MW-67-173
MW-67-219	015	1/31/2011	14:48	6.41E+02	4.18E+02	4.20E+02	2.26E+03	-1.08E+00	1.42E+00	1.97E+00	2.00E+00	9.72E-01	5.80E+00	6.44E+00	positive	2.44E+00	5.46E+00	6.55E+00	positive	-4.58E+00	1.81E+01	2.14E+01	positive	MW-67-219
MW-67-276	015	1/31/2011	14:31	8.75E+02	4.18E+02	3.87E+02	2.01E+03	-2.57E-02	1.66E+00	2.03E+00	2.00E+00	-2.56E+00	8.76E+00	8.16E+00	positive	6.49E-01	6.48E+00	7.20E+00	positive	-7.18E-01	1.92E+01	2.22E+01	positive	MW-67-276
MW-67-323	015	1/31/2011	15:04	3.38E+02	3.70E+02	3.90E+02	1.00E+03	2.58E-01	1.71E+00	2.03E+00	2.00E+00	2.47E-01	5.70E+00	6.35E+00	positive	8.12E-03	5.80E+00	6.35E+00	positive	-5.93E+00	1.90E+01	2.25E+01	positive	MW-67-323
MW-67-340	015	1/31/2011	14:53	2.75E+02	3.58E+02	3.83E+02	1.01E+03	-7.06E-01	1.51E+00	1.99E+00	2.00E+00	4.30E-01	6.34E+00	7.02E+00	positive	-1.15E+00	6.54E+00	6.88E+00	positive	-5.79E+00	1.85E+01	2.20E+01	positive	MW-67-340
U3-4D	027	2/17/2011	14:41	6.28E+02	4.14E+02	4.05E+02	1.00E+03	-8.34E-02	1.55E+00	1.95E+00	2.00E+00	1.24E+00	4.72E+00	5.29E+00	positive	8.61E-01	4.84E+00	5.47E+00	positive	NA	NA	NA	positive	U3-4D
U3-T1	031	2/22/2011	11:11	6.55E+02	4.08E+02	3.92E+02	1.00E+03	1.62E+00	1.96E+00	2.02E+00	2.00E+00	1.80E+00	1.05E+01	6.14E+00	positive	2.12E+00	6.42E+00	7.54E+00	positive	NA	NA	NA	positive	U3-T1
U3-T2	036	2/22/2011	14:30	2.27E+03	4.92E+02	3.62E+02	2.08E+03	1.82E+00	2.04E+00	2.05E+00	2.00E+00	3.65E+00	6.08E+00	7.29E+00	positive	5.97E-01	7.12E+00	7.85E+00	positive	NA	NA	NA	positive	U3-T2
MH-5 VCFD	014	2/28/2011	9:47	5.17E+03	6.58E+02	3.66E+02	*	1.90E+00	1.99E+00	1.94E+00	*	3.45E-01	5.64E+00	6.19E+00	*	-1.28E+00	6.18E+00	6.45E+00	*	NA	NA	NA	*	MH-5 VCFD
B-1	011	2/14/2011	15:44	3.82E+03	5.88E+02	3.65E+02	*	5.41E-02	1.70E+00	2.14E+00	*	2.15E+01	1.22E+01	6.75E+00	*	-1.81E+00	7.00E+00	7.25E+00	*	NA	NA	NA	*	B-1
B-6	011	2/28/2011	11:27	8.39E+02	3.90E+02	3.65E+02	*	6.28E-01	1.78E+00	2.05E+00	*	4.45E+00	5.82E+00	7.02E+00	*	-1.35E+00	6.50E+00	6.88E+00	*	NA	NA	NA	*	B-6

Notes

1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. Sampling depths within sampling intervals (location of pump intake) have been established at location of most transmissive zone to the extent possible.
3. I.L.s (Investigation Levels) are predetermined detection limits assigned to each sampling location which, if reached or exceeded, require further investigation or action. I.L.s presented here for Sr-90, CS-137, Co-60 & Ni-63 are established for 2011 based on 2010 averages. See Note #7 below for further 2011 Tritium I.L. discussion. Positive detections indicate that the the result is greater than MDC and greater than or equal to 3 times the 1 sigma uncertainty.
4. NA indicates that the constituent was not analyzed.
5. Shading indicates that the sample result exceeds the Investigation Level.
6. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.
7. To be conservative, the 2011 Tritium I.L.s were calculated using (2x the 2009 yearly average) beacuase an increased Tritium activity in multiple Unit 2 sampling intervals was observed during 2010 in response to the transient surface spill from a temporary rental RWST/R.O. processing skid.

* Indicates storm or foundation drain sampling locations, for which investigation levels are not applicable.

** The Q1 2011 MW-40-100, MW-40-127 and MW-51-189 Cs-137 results were verified by re-analysis. However, based on the available chemistry and Site hydrogeologic data, these values do not appear to be representative of the groundwater conditions at these sampling intervals.

See Page 2 for Notes

TABLE 4
2011 2nd QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	I.L.[3,7]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	
MW-30-84	Q2-2011	5/5/2011	12:58	7.57E+03	9.46E+02	3.92E+02	1.22E+04	1.64E-01	1.15E+00	1.40E+00	2.00E+00	3.00E+00	8.04E+00	9.35E+00	positive	4.65E-02	7.14E+00	7.76E+00	positive	NA	NA	NA	positive	MW-30-84
MW-30-84	Q2-2011 Mid	7/11/2011	12:45	7.55E+03	1.08E+03	2.82E+02	1.22E+04	-3.75E-01	9.75E-01	1.29E+00	2.00E+00	2.17E-01	7.89E+00	8.89E+00	positive	1.39E+01	1.16E+01	1.59E+01	positive	NA	NA	NA	positive	MW-30-84
MW-31-49	Q2-2011	4/18/2011	12:53	1.08E+03	5.20E+02	4.66E+02	4.28E+04	4.98E-01	1.81E+00	2.09E+00	2.00E+00	-1.82E+00	8.82E+00	9.22E+00	positive	6.17E+00	8.70E+00	1.13E+01	positive	NA	NA	NA	positive	MW-31-49
MW-31-63	Q2-2011	4/18/2011	13:21	1.81E+04	1.45E+03	4.67E+02	3.99E+04	7.26E-01	1.84E+00	2.08E+00	2.00E+00	-3.10E-01	7.62E+00	8.46E+00	positive	1.76E+00	8.74E+00	1.03E+01	positive	NA	NA	NA	positive	MW-31-63
MW-31-85	Q2-2011	4/18/2011	13:18	3.08E+03	6.96E+02	4.66E+02	1.46E+04	-1.09E+00	1.46E+00	2.09E+00	2.00E+00	-4.50E+00	9.34E+00	9.19E+00	positive	3.84E+00	1.01E+01	1.22E+01	positive	NA	NA	NA	positive	MW-31-85
MW-32-59	Q2-2011	4/27/2011	12:26	3.31E+03	6.36E+02	4.08E+02	3.42E+04	4.03E-01	1.50E+00	1.74E+00	2.00E+00	4.77E+00	8.64E+00	1.04E+01	positive	-3.37E+00	9.58E+00	9.50E+00	positive	NA	NA	NA	positive	MW-32-59
MW-32-85	Q2-2011	4/27/2011	13:04	1.14E+04	1.19E+03	5.10E+02	1.63E+04	1.58E+00	1.69E+00	1.75E+00	2.00E+00	-1.23E+00	6.80E+00	7.31E+00	positive	5.30E-01	1.02E+01	1.15E+01	positive	NA	NA	NA	positive	MW-32-85
MW-32-149	Q2-2011	4/27/2011	11:12	8.69E+02	4.44E+02	4.11E+02	1.00E+03	3.00E-01	1.43E+00	1.67E+00	2.00E+00	2.12E+00	7.44E+00	8.59E+00	positive	9.88E-01	7.76E+00	8.83E+00	positive	NA	NA	NA	positive	MW-32-149
MW-32-173	Q2-2011	4/27/2011	11:27	5.82E+02	4.98E+02	5.08E+02	1.50E+03	6.37E-01	1.54E+00	1.74E+00	2.00E+00	0.00E+00	2.00E+01	9.23E+00	positive	2.47E-01	9.58E+00	1.07E+01	positive	NA	NA	NA	positive	MW-32-173
MW-32-190	Q2-2011	4/27/2011	11:17	1.21E+03	5.64E+02	5.10E+02	4.21E+03	7.54E-01	1.13E+00	1.20E+00	2.00E+00	8.61E-01	8.68E+00	9.74E+00	positive	-6.60E+00	8.98E+00	6.37E+00	positive	NA	NA	NA	positive	MW-32-190
MW-36-24	Q2-2011	4/28/2011	14:34	3.07E+03	7.26E+02	5.19E+02	2.56E+03	1.38E+00	1.53E+00	1.59E+00	2.00E+00	-6.43E-01	7.68E+00	8.47E+00	positive	2.82E+00	7.48E+00	9.35E+00	positive	NA	NA	NA	positive	MW-36-24
MW-36-41	Q2-2011	4/28/2011	15:39	8.17E+03	1.04E+03	5.14E+02	2.10E+04	3.31E+00	1.75E+00	1.36E+00	7.99E+00	2.18E+00	9.26E+00	1.07E+01	positive	-2.96E-01	1.04E+01	1.12E+01	positive	NA	NA	NA	positive	MW-36-41
MW-36-52	Q2-2011	4/28/2011	14:38	5.84E+03	9.06E+02	5.15E+02	1.48E+04	3.41E+00	1.56E+00	1.11E+00	8.14E+00	4.29E+00	8.42E+00	1.03E+01	positive	-2.61E+00	8.50E+00	8.36E+00	positive	NA	NA	NA	positive	MW-36-52
MW-37-22	Q2-2011	4/28/2011	12:05	6.87E+03	9.66E+02	5.14E+02	9.19E+03	8.72E+00	2.90E+00	2.05E+00	2.20E+01	7.12E-01	6.96E+00	7.67E+00	positive	5.14E-01	7.86E+00	8.62E+00	positive	NA	NA	NA	positive	MW-37-22
MW-37-32	Q2-2011	4/28/2011	12:21	4.11E+03	7.98E+02	5.15E+02	9.32E+03	2.62E+01	3.76E+00	1.68E+00	3.54E+01	3.56E+00	1.20E+01	1.42E+01	positive	-1.92E+00	1.09E+01	1.09E+01	positive	NA	NA	NA	positive	MW-37-32
MW-37-40	Q2-2011	4/28/2011	11:31	3.92E+03	8.02E+02	5.33E+02	9.02E+03	2.30E+01	3.66E+00	1.68E+00	2.84E+01	4.10E+00	9.02E+00	1.09E+01	positive	6.47E-01	8.94E+00	1.02E+01	positive	NA	NA	NA	positive	MW-37-40
MW-37-57	Q2-2011	4/28/2011	12:17	5.81E+03	8.98E+02	5.07E+02	9.62E+03	1.58E+01	3.54E+00	2.00E+00	3.68E+01	5.18E+00	1.72E+01	8.67E+00	positive	-1.42E+00	8.36E+00	8.80E+00	positive	NA	NA	NA	positive	MW-37-57
MW-39-67	Q2-2011	4/26/2011	14:52	1.09E+04	9.64E+02	4.18E+02	1.00E+03	1.74E+00	1.49E+00	1.50E+00	3.30E+00	-8.12E-01	8.22E+00	8.78E+00	positive	-4.05E+00	9.42E+00	9.00E+00	positive	NA	NA	NA	positive	MW-39-67
MW-39-67	Q2-2011 Mid	7/15/2011	13:42	2.24E+03	6.12E+02	4.40E+02	1.00E+03	2.55E-01	1.16E+00	1.34E+00	3.30E+00	-1.15E-01	8.28E+00	9.19E+00	positive	-2.42E-02	9.72E+00	1.12E+01	positive	NA	NA	NA	positive	MW-39-67
MW-39-84	Q2-2011	4/26/2011	14:25	4.40E+02	4.02E+02	4.13E+02	1.00E+03	-2.03E-01	1.15E+00	1.50E+00	2.10E+00	-9.39E-01	7.42E+00	7.84E+00	positive	-4.02E-01	6.92E+00	7.41E+00	positive	NA	NA	NA	positive	MW-39-84
MW-39-84	Q2-2011 Mid	7/15/2011	14:33	3.55E+02	4.17E+02	4.40E+02	1.00E+03	6.54E-01	1.15E+00	1.27E+00	2.10E+00	-1.78E+00	1.43E+01	1.71E+01	positive	-4.89E+00	9.45E+00	8.20E+00	positive	NA	NA	NA	positive	MW-39-84
MW-39-102	Q2-2011	4/26/2011	14:33	1.43E+04	1.09E+03	4.19E+02	1.00E+03	1.08E+00	1.85E+00	2.03E+00	8.10E+00	4.48E+01	2.08E+01	9.86E+00	positive	6.03E+00	7.96E+00	1.07E+01	positive	NA	NA	NA	positive	MW-39-102
MW-39-102	Q2-2011 Mid	7/15/2011	14:02	1.24E+04	1.20E+03	4.36E+02	1.00E+03	5.88E-01	1.09E+00	1.20E+00	8.10E+00	3.70E+00	8.76E+00	1.02E+01	positive	-6.84E-01	9.42E+00	9.35E+00	positive	NA	NA	NA	positive	MW-39-102
MW-39-124	Q2-2011	4/26/2011	13:01	1.51E+02	3.70E+02	4.15E+02	1.00E+03	5.20E-01	1.37E+00	1.55E+00	4.50E+00	9.13E+00	8.56E+00	8.57E+00	positive	3.07E+00	7.52E+00	9.27E+00	positive	NA	NA	NA	positive	MW-39-124
MW-39-124	Q2-2011 Mid	7/15/2011	11:44	2.30E+01	3.72E+02	4.39E+02	1.00E+03	8.78E-01	1.19E+00	1.27E+00	4.50E+00	-4.10E+00	1.13E+01	1.15E+01	positive	-1.82E+00	9.51E+00	9.57E+00	positive	NA	NA	NA	positive	MW-39-124
MW-39-183	Q2-2011	4/26/2011	11:35	1.15E+02	3.54E+02	4.02E+02	1.00E+03	1.12E+00	1.56E+00	1.67E+00	2.00E+00	6.46E+00	8.88E+00	1.09E+01	positive	-1.52E+00	8.68E+00	8.94E+00	positive	NA	NA	NA	positive	MW-39-183
MW-39-183	Q2-2011 Mid	7/15/2011	11:49	7.02E+01	3.75E+02	4.35E+02	1.00E+03	3.45E-01	1.03E+00	1.19E+00	2.00E+00	2.51E+00	1.08E+01	1.22E+01	positive	-2.37E+00	1.30E+01	1.37E+01	positive	NA	NA	NA	positive	MW-39-183
MW-39-195	Q2-2011	4/26/2011	12:38	7.04E+03	8.04E+02	4.20E+02	1.00E+03	1.88E+00	1.75E+00	1.79E+00	2.00E+00	-2.03E+00	1.11E+01	1.28E+01	positive	4.62E+00	8.70E+00	1.13E+01	positive	NA	NA	NA	positive	MW-39-195
MW-39-195	Q2-2011 Mid	7/15/2011	11:13	4.19E+03	7.56E+02	4.35E+02	1.00E+03	1.10E+00	1.78E+00	1.93E+00	2.00E+00	2.79E+00	8.46E+00	9.76E+00	positive	6.38E-01	1.01E+01	1.08E+01	positive	NA	NA	NA	positive	MW-39-195
MW-40-27	Q2-2011	4/29/2011	13:29	1.77E+02	3.66E+02	4.07E+02	1.00E+03	1.18E+00	1.74E+00	1.87E+00	2.00E+00	1.91E+00	8.40E+00	9.77E+00	positive	-9.20E-01	9.86E+00	1.15E+01	positive	NA	NA	NA	positive	MW-40-27
MW-40-27	Q2-2011 Mid	7/27/2011	15:12	3.69E+01	3.00E+02	3.43E+02	1.00E+03	-4.37E-01	1.40E+00	1.93E+00	2.00E+00	-2.18E+00	7.35E+00	7.64E+00	positive	1.36E+00	9.03E+00	1.03E+01	positive	NA	NA	NA	positive	MW-40-27
MW-40-46	Q2-2011	4/29/2011	13:31	7.82E+01	3.54E+02	4.05E+02	1.00E+03	-1.35E-01****	1.88E+00	1.77E+00	2.00E+00	-9.96E-01	8.46E+00	9.00E+00	positive	-3.98E+00	9.84E+00	9.04E+00	positive	NA	NA	NA	positive	MW-40-46
MW-40-46	Q2-2011 Mid	7/27/2011	15:55	1.35E+02	3.09E+02	3.44E+02	1.00E+03	-9.06E-01	1.26E+00	1.86E+00	2.00E+00	2.28E+00	8.85E+00	1.01E+01	positive	5.01E-01	9.30E+00	1.03E+01	positive	NA	NA	NA	positive	MW-40-46
MW-40-81	Q2-2011	4/29/2011	11:08	3.39E+02	4.12E+02	4.36E+02	1.00E+03	1.07E+00	1.58E+00	1.70E+00	2.00E+00	3.05E+00	6.90E+00	8.51E+00	positive	-2.66E-01	8.04E+00	8.83E+00	positive	NA	NA	NA	positive	MW-40-81
MW-40-81	Q2-2011 Mid	7/27/2011	13:24	-1.18E+02	2.89E+02	3.48E+02	1.00E+03	8.36E-01	1.70E+00	1.90E+00	2.00E+00	-3.22E-01	6.48E+00	6.87E+00	positive	-1.05E+00	8.67E+00	8.91E+00	positive	NA	NA	NA	positive	MW-40-81
MW-40-100	Q2-2011	4/29/2011	11:27	2.70E+02	4.06E+02	4.38E+02	1.00E+03	2.46E-01	1.42E+00	1.67E+00	2.00E+00	5.53E+00	7.14E+00	9.23E+00	positive	2.99E+00	7.96E+00	9.80E+00	positive	NA	NA	NA	positive	MW-40-100
MW-40-100	Q2-2011 Mid	7/27/2011	13:29	1.07E+02	3.12E+02	3.50E+02	1.00E+03	-9.50E-01	1.41E+00	1.98E+00	2.00E+00	2.29E+00	9.03E+00	1.04E+01	positive	7.10E-01	1.08E+01	1.20E+01	positive	NA	NA	NA	positive	MW-40-100
MW-40-127	Q2-2011	4/29/2011	11:26	-2.27E+01	3.60E+02	4.32E+02	1.00E+03	5.72E-01	1.78E+00	2.05E+00	2.00E+00	-2.13E-01	8.26E+00	8.83E+00	positive	-1.62E+00	9.68E+00	9.87E+00	positive	NA	NA	NA	positive	MW-40-127
MW-40-127	Q2-2011 Mid	7/27/2011	13:56	1.56E+02	3.15E+02	3.50E+02	1.00E+03	4.81E-01	1.64E+00	1.92E+00	2.00E+00	1.48E+00	9.06E+00	1.03E+01	positive	-8.00E+00	1.02E+01	7.94E+00	positive	NA	NA	NA	positive	MW-40-127
MW-40-162	Q2-2011	4/29/2011	12:26	1.05E+02	3.78E+02	4.33E+02	1.00E+03	8.71E-01	1.34E+00	1.46E+00	2.00E+00	4.54E+00	1.23E+01	1.42E+01	positive	4.43E-01	9.50E+00	1.08E+01	positive	NA	NA	NA	positive	MW-40-162
MW-40-162	Q2-2011 Mid	7/27/2011	14:40	5.54E+00	2.97E+02	3.44E+02	1.00E+03	-8.61E-01	1.58E+00	1.98E+00	2.00E+00	-2.44E+00	9.21E+00	8.54E+00	positive	-6.93E-01	8.70E+00	9.41E+00	positive	NA	NA	NA	positive	MW-40-162
MW-41-40	Q2-2011	4/20/2011	13:51	4.51E+03	7.36E+02	4.55E+02	1.00E+03	2.32E+00	1.57E+00	1.44E+00	7.28E+00	2.20E+00	9.22E+00	1.06E+01	positive	3.02E+00	1.06E+01	1.25E+01	positive	NA	NA	NA	positive	MW-41-40
MW-41-40	Q2-2011 Mid	7/15/2011	12:30	6.99E+02	4.59E+02	4.41E+02	1.00E+03	2.48E+00	1.35E+00	1.19E+00	7.28E+00	-1.93E+00	1.09E+01	1.14E+01	positive	-1.11E+00	8.94E+00	9.13E+00	positive	NA	NA	NA	positive	MW-41-40
MW-41-63	Q2-2011	4/20/2011	13:13	7.58E+02	4.90E+02	4.72E+02	1.00E+03	-7.72E-01	1.51E+00	2.03E+00	7.36E+00	3.53E+00	8.52E+00	1.01E+01	positive	4.02E+00	8.74E+00	1.09E+01	positive	NA	NA	NA	positive	MW-41-63
MW-41-63	Q2-2011 Mid	7/15/2011	12:51	7.14E+02	4.56E+02	4.35E+02	1.00E+03	3.03E+00	1.50E+00	1.30E+00	7.36E+00	2.36E+00	7.71E+00	8.88E+00	positive	4.47E-01	6.81E+00	7.51E+00	positive	NA	NA	NA	positive	MW-41-63
MW-42-49	Q2-2011	4/21/2011	14:04	1.71E+03	5.88E+02	4.80E+02	3.16E+04	5.45E+00	2.18E+00	1.45E+00	9.00E+01	2.15E+04	2.88E+03	2.08E+01	6.58E+04	3.41E+00	9.16E+00	1.09E+01	positive	1.90E+02	2.72E+01	1.73E+01	6.74E+02	MW-42-49
MW-42-78	Q2-2011	4/21/2011	13:45	6.26E+02	4.78E+02	4.77E+02	1.00E+03	4.25E-01	1.13E+00	1.32E+00	2.00E+00	-9.71E-01	9.16E+00	9.83E+00	positive	3.58E+00	8.56E+00	1.11E+01	positive	5.89E-01	1.49E+01	1.72E+01	positive	MW-42-78
MW-43-28	Q2-2011	4/21/2011	11:15	2.34E+02	4.30E+02	4.72E+02	1.00E+03	1.46E+00	1.96E+00	2.04E+00	2.00E+00	-9.31E-01	8.74E+00	9.22E+00	positive	4.50E+00	8.60E+00	1.09E+01	positive	NA	NA	NA	positive	MW-43-28
MW-43-62	Q2-2011	4/21/2011	11:00	1.05E+02	4.12E+02	4.72E+02	1.00E+03	-4.65E-01	1.67E+00	2.18E+00	2.00E+00	-1.90E+00	9.08E+00	9.35E+00	positive	-2.34E+00	8.70E+00	8.43E+00	positive	NA	NA	NA	positive	MW-43-62
MW-44-66	Q2-2011	4/26/2011	13:17	6.87E+02	4.20E+02	4.03E+02	1.00E+03	7.05E-01	1.52E+00	1.70E+00	2.00E+00	-1.14E-01	9.36E+00	1.03E+01	positive	3.29E+00	1.07E+01	1.31E+01	positive	NA	NA	NA	positive	MW-44-66
MW-44-66	Q2-2011 Mid	7/19/2011	15:39	1.62E+03	5.49E+02	4.32E+02	1.00E+03	-7.04E-01	6.48E-01	1.06E+00	2.00E+00	4.61E+00	9.66E+00	1.16E+01	positive	-5.76E+00	1.11E+01	9.79E+00	positive	NA	NA	NA	positive	MW-44-66
MW-44-102	Q2-2011	4/26/2011	12:18	6.70E+02	4.14E+02	3.99E+02	1.00E+03	1.09E+00	1.41E+00	1.49E+00	2.00E+00	3.59E-01	7.42E+00	8.15E+00	positive	-2.06E+00	7.86E+00	7.82E+00	positive	NA	NA	NA	positive	MW-44-102
MW-44-102	Q2-2011 Mid	7/19/2011	10:53	6.38E+02	4.50E+02	4.39E+02	1.00E+03	2.55E-01	1.02E+00	1.19E+00	2.00E+00	1.01E+00	6.63E+00	7.60E+00	positive	1.28E+00	6.27E+00	7.47E+00	positive	NA	NA	NA	positive	MW-44-102
MW-45-42	Q2-2011	4/20/2011	14:09	8.56E+03	1.03E+03	4.65E+02	5.90E+03	1.45E+00	1.56E+00	1.61E+00	2.00E+00	7.04E-01	6.50E+00	7.46E+00	positive	7.13E+00	1.07E+01	1.29E+01	positive	NA	NA	NA	positive	MW-45-42
MW-45-42	Q2-2011 Mid	7/25/2011	13:23	3.94E+04	2.07E+03	4.36E+02	5.90E+03	1.14E+00	1.30E+00	1.37E+00	2.00E+00	3.09E+00	7.41E+00	8.65E+00	positive	-2.66E+00	1.01E+01	1.05E+01	positive	NA	NA	NA	positive	MW-45-42
MW-45-61	Q2-2011	4/20/2011	10:07	2.03E+03	6.12E+02	4.74E+02	2.65E+03	7.22E-01	1.36E+00	1.51E+00	2.00E+00	-4.02E+00	7.76E+00	7.55E+00	positive	-8.47E-01	7.56E+00	7.91E+00	positive	NA	NA	NA	positive	MW-45-61
MW-45-61	Q2-2011 Mid	7/25/2011	10:00	5.63E+03	8.49E+02	4.33E+02	2.65E+03	9.47E-01	1.19E+00	1.25E+00	2.00E+00	1.42E+00	5.79E+00	6.69E+00	positive	2.07E+00	8.34E+00	9.68E+00	positive	NA	NA	NA	positive	MW-45-61
MW-46	Q2-2011	4/25/2011	11:19	5.25E+03	7.54E+02	3.95E+02	1.84E+03	1.48E+00	1.72E+00	1.80E+00	2.00E+00	-2.48E+00	7.24E+00	7.06E+00	positive	-4.44E+00	7.44E+00	6.77E+00	positive	NA	NA	NA	positive	MW-46
MW-46	Q2-2011 Mid	7/13/2011	13:29	3.08E+03	7.17E+02	2.86E+02	1.84E+03	8.44E-01	1.19E+00	1.26E+00	2.00E+00	3.71E+00	8.64E+00	1.04E+01	positive	-9.54E-01	1.02E+01	1.08E+01	positive	NA	NA	NA	positive	MW-46
MW-47-56	Q2-2011 Mid	7/6/2011	15:32	3.52E+03	6.57E+02	4.48E+02	**	4.63E-01	1.08E+00	1.22E+00	**	-1.56E+00	1.11E+01	1.20E+01	**	1.45E-01	7.41E+00	8.25E+00	**	-1.99E+01	2.17E+01	2.50E+01	**	MW-47-56
MW-47-80	Q2-2011 Mid	7/6/2011	14:37	1.36E+05	3.36E+03	4.50E+02	**	1.95E+00	1.33E+00	1.22E+00	**	-1.57E+00	8.37E+00	8.73E+00	**	-3.43E+00	7.80E+00	7.13E+00	**	3.07E+00	2.59E+01	2.89E+01	**	MW-47-80
MW-49-26	Q2-2011	4/15/2011	11:58	3.29E+03	7.18E+02	4.80E+02	6.52E+03	1.26E+01	3.06E+00	1.91E+00	2.79E+01	4.75E+00	1.07E+01	1.27E+01	positive	4.03E+00	1.20E+01	1.47E+01	positive	1.81E+00	1.50E+01	1.72E+01	positive	MW-49-26
MW-49-42	Q2-2011	4/15/2011	11:55	1.90E+03	6.04E+02	4.78E+02	4.97E+03	1.57E+01	3.34E+00	2.07E+00	3.72E+01	-6.72E+00	7.62E+00	6.17E+00	positive	1.15E-01	7.72E+00	8.33E+00	positive	6.68E+00	1.55E+01	1.73E+01	positive	MW-49-42
MW-49-65	Q2-2011	4/15/2011	11:50	2.38E+03	6.48E+02	4.81E+02	3.03E+03	1.62E+01	3.12E+00	1.60E+00	2.62E+01	2.59E+00	9.66E+00	1.12E+01	positive	4.62E-02	1.01E+01	1.10E+01	positive	4.11E+00	1.49E+01	1.68E+01	positive	MW-49-65
MW-50-42	Q2-2011	5/3/2011	12:05	3.77E+03	5.58E+02	3.41E+02	1.04E+03	9.53E+00	2.20E+00	1.04E+00	1.10E+01	1.92E+00	9.44E+00	1.07E+01	positive	5.79E-01	1.02E+01	1.16E+01	positive	5.86E-01	1.69E+01	1.92E+01	positive	MW-50-42
MW-50-42	Q2-2011 Mid	7/25/2011	12:18	1.03E+03	4.89E+02	4.43E+02	1.04E+03	3.01E+00	2.09E+00	2.02E+00	1.10E+01	-1.11E+00	7.86E+00	8.36E+00	positive	6.63E-02	8.16E+00	9.04E+00	positive	3.81E+00	1.71E+01	1.91E+01	positive	MW-50-42
MW-50-66	Q2-2011	5/3/2011	12:07	4.73E+03	6.12E+02	3.45E+02	5.90E+03	2.63E+01	3.30E+00	1.08E+00	5.24E+01	0.00E+00	1.77E+01	9.05E+00	positive	-2.32E+00	9.06E+00	9.12E+00	positive	8.43E+00	1.70E+01	1.88E+01	positive	MW-50-66
MW-50-66	Q2-2011 Mid	7/25/2011	12:26	6.50E+03	8.73E+02	4.48E+02	5.90E+03	2.61E+01	4.08E+00	1.35E+00	5.24E+01	-4.59E-01	7.02E+00	7.74E+00	positive	3.81E+00	8.55E+00	1.07E+01	positive	1.02E+01	1.66E+01	1.81E+01	positive	MW-50-66
MW-51-40	Q2-2011	4/29/2011	10:41	3.63E+02	4.14E+02	4.35E+02	1.00E+03	2.26E-01	1.37E+00	1.59E+00	2.00E+00	-3.40E+00	9.48E+00	9.62E+00	positive	6.20E+00	1.11E+01	1.40E+01	positive	NA	NA	NA	positive	MW-51-40
MW-51-79	Q2-2011	4/29/2011	10:57	1.17E+02	3.82E+02	4.33E+02	1.00E+03	1.03E+00	1.67E+00	1.82E+00	2.00E+00	-4.93E-01	7.56E+00	8.23E+00	positive	-8.38E-01	8.08E+00	8.53E+00	positive	NA	NA	NA	positive	MW-51-79
MW-51-104	Q2-2011	4/29/2011	12:35	1.97E+02	3.90E+02	4.32E+02	1.00E+03	1.41E+00	1.45E+00	1.48E+00	2.00E+00	-1.90E+00	1.08E+01	1.25E+01	positive	-6.79E-01	1.10E+01	1.20E+01	positive	NA	NA	NA	positive	MW-51-104
MW-51-135	Q2-2011	4/29/2011	13:16	0.00E+00	3.66E+02	4.35E+02	1.00E+03	1.14E+00	1.52E+00	1.63E+00	2.00E+00	2.52E+00	1.01E+01	1.17E+01	positive	-5.69E-01	9.00E+00	9.56E+00	positive	NA	NA	NA	positive	MW-51-135
MW-51-163	Q2-2011	4/29/2011	13:19	4.68E+01	3.66E+02	4.30E+02	1.00E+03	5.27E-01	1.45E+00	1.65E+00	2.00E+00	2.26E+00	8.40E+00	9.72E+00	positive	9.25E-01	7.72E+00	8.87E+00	positive	NA	NA	NA	positive	MW-51-163
MW-51-189	Q2-2011	4/29/2011	12:52	2.32E+02	3.96E+02	4.33E+02	1.00E+03	1.28E+00	1.50E+00	1.57E+00	2.00E+00	-8.07E-01	5.82E+00	6.25E+00	positive	-5.07E+00	9.48E+00	8.89E+00	positive	NA	NA	NA	positive	MW-51-189
MW-52-11	Q2-2011	4/22/2011	12:10	3.04E+02	4.08E+02	4.35E+02	1.00E+03	1.29E-01	1.35E+00	1.60E+00	2.00E+00	2.27E+00	1.02E+01	1.17E+01	positive	5.08E+00	9.92E+00	1.24E+01	positive	NA	NA	NA	positive	MW-52-11
MW-52-11	Q2-2011 Mid	7/26/2011	12:32	3.39E+02	3.99E+02	4.21E+02	1.00E+03	1.86E-01	1.49E+00	1.74E+00	2.00E+00	1.71E+00	8.76E+00	9.71E+00	positive	-2.27E+00	8.43E+00	8.63E+00	positive	NA	NA	NA	positive	MW-52-11
MW-52-18	Q2-2011	4/22/2011	12:16	7.01E+01	3.76E+02	4.35E+02	1.00E+03	1.37E+00	1.39E+00	1.42E+00	2.00E+00	8.81E+00	1.29E+01	9.01E+00	positive	-1.49E+00	9.44E+00	9.90E+00	positive	NA	NA	NA	positive	MW-52-18
MW-52-18	Q2-2011 Mid	7/26/2011	14:39	2.52E+02	3.87E+02	4.22E+02	1.00E+03	1.06E+00	1.62E+00	1.76E+00	2.00E+00	3.80E+00	6.45E+00	8.08E+00	positive	-3.24E+00	8.10E+00	7.84E+00	positive	NA	NA	NA	positive	MW-52-18
MW-52-48	Q2-2011	4/22/2011	12:18	1.06E+02	3.82E+02	4.36E+02	1.00E+03	1.69E-01	1.37E+00	1.62E+00	2.00E+00	-4.59E+00	7.58E+00	7.31E+00	positive	1.35E+00	7.80E+00	9.17E+00	positive	NA	NA	NA	positive	MW-52-48
MW-52-48	Q2-2011 Mid	7/26/2011	15:08	7.68E+01	3.66E+02	4.21E+02	1.00E+03	2.58E-01	1.20E+00	1.46E+00	2.00E+00	2.34E+00	9.60E+00	1.07E+01	positive	-7.68E-01	8.73E+00	1.01E+01	positive	NA	NA	NA	positive	MW-52-48
MW-52-64	Q2-2011	4/22/2011	15:23	-2.26E+01	3.58E+02	4.32E+02	1.00E+03	5.12E-01	1.13E+00	1.27E+00	2.00E+00	1.87E+00	6.72E+00	7.70E+00	positive	-8.05E+00	8.28E+00	6.18E+00	positive	NA	NA	NA	positive	MW-52-64
MW-52-64	Q2-2011 Mid	7/27/2011	10:45	1.35E+02	3.81E+02	4.31E+02	1.00E+03	-4.58E-01	8.67E-01	1.27E+00	2.00E+00	2.48E+00	7.17E+00	8.34E+00	positive	6.66E-01	8.13E+00	9.05E+00	positive	NA	NA	NA	positive	MW-52-64
MW-52-122	Q2-2011	4/22/2011	10:45	-2.27E+01	3.60E+02	4.33E+02	1.00E+03	1.14E+00	1.17E+00	1.17E+00	2.00E+00	3.48E+01	2.08E+01	9.71E+00	positive	-1.96

TABLE 4
2011 2nd QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	I.L.[3,7]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	
MW-53-82	Q2-2011	4/18/2011	12:45	6.24E+02	4.56E+02	4.50E+02	3.83E+03	4.40E-01	1.45E+00	1.67E+00	4.46E+00	-4.57E+00	9.82E+00	9.80E+00	positive	3.12E+00	8.78E+00	1.07E+01	positive	-5.86E-01	1.48E+01	1.72E+01	positive	MW-53-82
MW-53-120	Q2-2011	4/18/2011	11:52	4.11E+03	7.72E+02	4.75E+02	1.05E+04	3.55E+01	4.56E+00	1.67E+00	6.60E+01	1.38E+00	8.82E+00	9.99E+00	positive	4.87E-01	9.24E+00	1.02E+01	positive	1.76E+01	1.77E+01	1.87E+01	positive	MW-53-120
MW-54-37	Q2-2011	4/12/2011	12:02	5.16E+03	8.40E+02	4.76E+02	2.71E+03	4.91E+00	2.08E+00	1.69E+00	9.20E+00	2.95E+00	8.26E+00	9.69E+00	positive	2.50E+00	8.26E+00	9.96E+00	positive	3.16E+00	1.45E+01	1.65E+01	positive	MW-54-37
MW-54-37	Q2-2011 Mid	7/18/2011	13:45	2.79E+04	1.67E+03	4.43E+02	2.71E+03	4.34E+00	2.19E+00	1.85E+00	9.20E+00	-1.17E+00	6.36E+00	6.58E+00	positive	4.07E+00	9.21E+00	1.09E+01	positive	1.56E+01	1.91E+01	2.07E+01	positive	MW-54-37
MW-54-58	Q2-2011	4/12/2011	12:04	9.94E+02	5.20E+02	4.79E+02	1.48E+03	1.15E+00	1.84E+00	2.01E+00	3.43E+00	1.70E+00	8.58E+00	9.66E+00	positive	1.14E+00	8.74E+00	9.95E+00	positive	5.01E+00	1.58E+01	1.78E+01	positive	MW-54-58
MW-54-58	Q2-2011 Mid	7/18/2011	13:33	2.48E+03	6.12E+02	4.44E+02	1.48E+03	1.49E+00	1.21E+00	1.14E+00	3.43E+00	-1.98E+00	8.85E+00	9.27E+00	positive	2.35E-01	9.09E+00	1.01E+01	positive	1.83E+01	1.97E+01	2.13E+01	positive	MW-54-58
MW-54-123	Q2-2011	4/12/2011	12:22	8.24E+02	4.98E+02	4.77E+02	1.30E+03	3.44E+00	1.96E+00	1.72E+00	8.14E+00	-5.24E+00	8.14E+00	7.60E+00	positive	1.86E+00	8.04E+00	9.55E+00	positive	-3.35E+00	1.48E+01	1.75E+01	positive	MW-54-123
MW-54-123	Q2-2011 Mid	7/18/2011	14:06	5.70E+02	4.44E+02	4.46E+02	1.30E+03	7.16E-01	1.02E+00	1.07E+00	8.14E+00	1.92E+00	9.66E+00	1.05E+01	positive	3.87E-02	6.30E+00	6.97E+00	positive	6.27E+00	1.84E+01	2.04E+01	positive	MW-54-123
MW-54-144	Q2-2011	4/12/2011	9:50	1.48E+03	5.68E+02	4.79E+02	2.64E+03	1.20E+01	2.92E+00	1.81E+00	2.53E+01	6.43E+00	7.44E+00	9.59E+00	positive	-4.68E+00	9.58E+00	8.86E+00	positive	-2.75E+00	1.48E+01	1.74E+01	positive	MW-54-144
MW-54-144	Q2-2011 Mid	7/18/2011	12:38	4.34E+03	7.41E+02	4.43E+02	2.64E+03	1.13E+01	2.44E+00	1.26E+00	2.53E+01	3.37E+00	7.47E+00	8.78E+00	positive	-3.49E+00	8.91E+00	8.88E+00	positive	1.53E+01	1.87E+01	2.03E+01	positive	MW-54-144
MW-54-173	Q2-2011	4/12/2011	9:56	1.26E+03	5.46E+02	4.78E+02	3.63E+03	3.91E+00	1.92E+00	1.58E+00	1.22E+01	-1.29E+01	1.38E+01	1.53E+01	positive	5.93E+00	9.66E+00	1.25E+01	positive	-2.17E+00	1.50E+01	1.76E+01	positive	MW-54-173
MW-54-173	Q2-2011 Mid	7/18/2011	12:20	1.48E+03	5.28E+02	4.40E+02	3.63E+03	4.54E+00	1.64E+00	1.11E+00	1.22E+01	2.97E-01	6.84E+00	7.45E+00	positive	1.10E+00	6.51E+00	7.50E+00	positive	-5.43E+00	1.56E+01	1.75E+01	positive	MW-54-173
MW-54-190	Q2-2011	4/12/2011	10:01	2.07E+03	6.18E+02	4.78E+02	3.49E+03	1.90E+01	3.38E+00	1.77E+00	4.03E+01	3.33E+00	7.86E+00	9.23E+00	positive	8.70E-01	9.00E+00	1.00E+01	positive	3.35E-01	1.58E+01	1.82E+01	positive	MW-54-190
MW-54-190	Q2-2011 Mid	7/18/2011	12:14	2.37E+03	6.06E+02	4.45E+02	3.49E+03	1.75E+01	2.85E+00	1.12E+00	4.03E+01	2.24E+00	1.16E+01	1.29E+01	positive	-2.72E+00	1.18E+01	1.22E+01	positive	-3.86E+00	1.55E+01	1.74E+01	positive	MW-54-190
MW-56-53	Q2-2011	4/27/2011	12:08	1.18E+02	3.48E+02	3.97E+02	1.19E+03	-3.07E-02	1.23E+00	1.60E+00	2.00E+00	3.04E+00	8.50E+00	1.01E+01	positive	-1.64E+00	8.42E+00	8.44E+00	positive	NA	NA	NA	positive	MW-56-53
MW-56-53	Q2-2011 Mid	7/6/2011	12:58	2.03E+02	2.75E+02	2.83E+02	1.19E+03	-3.68E-01	7.89E-01	1.12E+00	2.00E+00	3.72E+00	7.77E+00	9.45E+00	positive	-4.34E+00	8.82E+00	9.56E+00	positive	-4.67E+00	2.28E+01	2.56E+01	positive	MW-56-53
MW-56-83	Q2-2011	4/27/2011	13:46	7.64E+04	2.40E+03	4.19E+02	6.39E+03	3.87E+00	1.60E+00	1.28E+00	3.98E+00	-1.05E+00	1.14E+01	1.33E+01	positive	-1.27E+00	9.50E+00	1.01E+01	positive	NA	NA	NA	positive	MW-56-83
MW-56-83	Q2-2011 Mid	7/6/2011	11:58	8.42E+04	3.54E+03	2.81E+02	6.39E+03	1.45E+00	1.27E+00	1.19E+00	3.98E+00	2.77E+00	2.01E+01	9.44E+00	positive	4.20E-01	8.16E+00	9.20E+00	positive	-1.36E+01	2.15E+01	2.46E+01	positive	MW-56-83
MW-57-11	Q2-2011	5/4/2011	10:28	6.40E+03	6.84E+02	3.41E+02	8.44E+03	3.11E+01	3.62E+00	1.04E+00	4.92E+01	3.74E+00	8.32E+00	9.74E+00	positive	2.05E+00	8.40E+00	9.72E+00	positive	6.20E+00	1.66E+01	1.85E+01	positive	MW-57-11
MW-57-11	Q2-2011 Mid	7/18/2011	11:57	7.36E+03	9.18E+02	4.45E+02	8.44E+03	3.87E+01	5.28E+00	2.11E+00	4.92E+01	3.27E-01	8.88E+00	9.84E+00	positive	-2.34E+00	9.18E+00	9.39E+00	positive	-6.76E+00	1.48E+01	1.67E+01	positive	MW-57-11
MW-57-20	Q2-2011	5/4/2011	10:37	2.03E+04	1.15E+03	3.44E+02	3.04E+03	1.74E+00	1.11E+00	9.49E-01	2.24E+00	1.48E+00	7.52E+00	8.43E+00	positive	-7.32E-01	9.22E+00	1.02E+01	positive	-5.44E+00	1.64E+01	1.91E+01	positive	MW-57-20
MW-57-20	Q2-2011 Mid	7/18/2011	12:09	3.81E+04	1.94E+03	4.43E+02	3.04E+03	1.27E+00	1.08E+00	1.01E+00	2.24E+00	-5.13E+00	7.71E+00	7.35E+00	positive	9.16E-01	8.67E+00	9.92E+00	positive	-5.69E+00	1.93E+01	2.20E+01	positive	MW-57-20
MW-57-45	Q2-2011	5/4/2011	11:03	1.35E+04	9.48E+02	3.43E+02	2.38E+03	9.06E-01	9.74E-01	9.60E-01	2.60E+00	7.40E+00	9.54E+00	1.21E+01	positive	-1.84E+00	9.48E+00	9.59E+00	positive	6.39E+00	1.78E+01	1.98E+01	positive	MW-57-45
MW-57-45	Q2-2011 Mid	7/18/2011	12:36	2.53E+04	1.60E+03	4.47E+02	2.38E+03	1.28E+00	1.32E+00	1.34E+00	2.60E+00	-2.08E-01	8.16E+00	8.83E+00	positive	-7.58E-01	9.39E+00	9.67E+00	positive	-1.04E+01	1.53E+01	1.74E+01	positive	MW-57-45
MW-58-26	Q2-2011	5/3/2011	9:58	7.22E+02	4.30E+02	4.21E+02	1.00E+03	3.15E-01	1.13E+00	1.32E+00	2.00E+00	2.29E+00	5.80E+00	6.89E+00	positive	-6.42E+00	9.02E+00	8.00E+00	positive	NA	NA	NA	positive	MW-58-26
MW-58-26	Q2-2011 Mid	7/5/2011	13:29	1.86E+03	5.46E+02	4.47E+02	1.00E+03	-3.25E-01	1.10E+00	1.41E+00	2.00E+00	7.41E-01	6.84E+00	7.61E+00	positive	1.22E+00	7.32E+00	8.39E+00	positive	-1.01E+01	1.99E+01	2.25E+01	positive	MW-58-26
MW-58-65	Q2-2011	5/3/2011	10:11	3.29E+02	3.78E+02	3.97E+02	1.00E+03	-4.47E-01	1.03E+00	1.44E+00	2.00E+00	1.93E+00	5.92E+00	7.00E+00	positive	-7.81E-01	7.04E+00	7.26E+00	positive	NA	NA	NA	positive	MW-58-65
MW-58-65	Q2-2011 Mid	7/5/2011	13:30	7.26E+02	3.93E+02	2.83E+02	1.00E+03	4.19E-01	9.12E-01	1.03E+00	2.00E+00	5.29E+00	1.05E+01	1.25E+01	positive	1.47E+00	7.53E+00	8.78E+00	positive	3.44E-01	2.03E+01	2.27E+01	positive	MW-58-65
MW-59-32	Q2-2011 Mid	7/20/2011	9:59	1.56E+02	3.90E+02	4.38E+02	**	5.88E-01	1.14E+00	1.27E+00	**	-1.79E+00	7.92E+00	8.02E+00	**	-2.58E+00	9.78E+00	1.02E+01	**	-1.40E+01	1.82E+01	2.07E+01	**	MW-59-32
MW-59-45	Q2-2011 Mid	7/20/2011	9:59	5.24E+02	4.35E+02	4.43E+02	**	-1.01E+00	1.05E+00	1.49E+00	**	1.81E+00	8.52E+00	9.88E+00	**	2.79E+00	9.48E+00	1.15E+01	**	-1.12E+01	1.83E+01	2.08E+01	**	MW-59-45
MW-59-68	Q2-2011 Mid	7/20/2011	10:14	1.15E+02	3.90E+02	4.42E+02	**	1.10E-01	7.26E-01	9.01E-01	**	2.83E+00	9.33E+00	1.09E+01	**	8.22E-01	9.87E+00	1.06E+01	**	-1.57E+01	2.17E+01	2.47E+01	**	MW-59-68
MW-60-35	Q2-2011	4/15/2011	11:36	2.03E+02	4.32E+02	4.80E+02	2.00E+03	3.77E-01	1.66E+00	2.00E+00	2.00E+00	2.46E+00	1.14E+01	8.95E+00	positive	-8.48E-01	9.58E+00	1.03E+01	positive	2.65E+00	1.42E+01	1.61E+01	positive	MW-60-35
MW-60-53	Q2-2011	4/15/2011	11:37	-5.87E+01	3.96E+02	4.80E+02	2.00E+03	-1.18E-02	1.60E+00	2.04E+00	2.00E+00	2.17E+00	9.90E+00	1.14E+01	positive	-1.11E+00	8.68E+00	8.95E+00	positive	-1.06E+00	1.43E+01	1.66E+01	positive	MW-60-53
MW-60-72	Q2-2011	4/15/2011	13:12	2.19E+02	3.78E+02	4.13E+02	2.00E+03	7.12E-01	1.72E+00	1.97E+00	2.00E+00	-5.14E+00	6.54E+00	5.80E+00	positive	-3.30E+00	1.14E+01	1.14E+01	positive	-2.93E+00	1.39E+01	1.63E+01	positive	MW-60-72
MW-60-135	Q2-2011	4/15/2011	13:25	4.14E+02	4.02E+02	4.12E+02	2.00E+03	6.52E-01	1.90E+00	2.16E+00	2.00E+00	-6.83E+00	1.39E+01	1.63E+01	positive	-2.48E+00	9.86E+00	1.01E+01	positive	4.64E+00	1.47E+01	1.65E+01	positive	MW-60-135
MW-60-154	Q2-2011	4/15/2011	13:19	3.06E+02	3.96E+02	4.21E+02	2.00E+03	-4.20E-01	1.53E+00	2.02E+00	2.00E+00	-2.09E+00	7.62E+00	7.82E+00	positive	-7.25E-01	6.50E+00	6.79E+00	positive	1.62E+00	1.44E+01	1.64E+01	positive	MW-60-154
MW-60-176	Q2-2011	4/15/2011	13:49	8.99E+02	4.66E+02	4.18E+02	2.00E+03	-8.29E-01	1.41E+00	2.10E+00	2.00E+00	-7.83E-02	9.90E+00	1.10E+01	positive	-2.35E+00	1.02E+01	1.03E+01	positive	-2.40E-01	1.40E+01	1.62E+01	positive	MW-60-176
MW-62-18	Q2-2011	4/13/2011	11:58	3.25E+02	4.56E+02	4.92E+02	2.00E+03	7.82E-01	1.54E+00	1.71E+00	2.00E+00	-4.38E+00	1.00E+01	1.09E+01	positive	-4.07E-01	1.06E+01	1.16E+01	positive	NA	NA	NA	positive	MW-62-18
MW-62-18	Q2-2011 Mid	7/22/2011	11:35	2.00E+02	4.02E+02	4.45E+02	2.00E+03	1.26E+00	1.24E+00	1.25E+00	2.00E+00	4.94E+00	9.42E+00	1.14E+01	positive	-1.79E+00	1.05E+01	1.08E+01	positive	-3.83E+00	1.96E+01	2.20E+01	positive	MW-62-18
MW-62-37	Q2-2011	4/13/2011	12:10	1.56E+02	4.36E+02	4.91E+02	2.00E+03	-1.97E-01	1.08E+00	1.37E+00	2.00E+00	-4.48E+00	8.32E+00	7.76E+00	positive	-1.68E+00	9.02E+00	9.05E+00	positive	NA	NA	NA	positive	MW-62-37
MW-62-37	Q2-2011 Mid	7/22/2011	12:28	1.15E+02	3.90E+02	4.42E+02	2.00E+03	1.03E+00	1.60E+00	1.73E+00	2.00E+00	-3.64E+00	7.95E+00	8.03E+00	positive	2.96E+00	1.10E+01	1.30E+01	positive	-8.92E+00	1.85E+01	2.09E+01	positive	MW-62-37
MW-62-53	Q2-2011	4/13/2011	11:32	1.57E+02	4.36E+02	4.92E+02	2.00E+03	1.72E+00	1.79E+00	1.84E+00	2.00E+00	5.42E-01	6.78E+00	7.51E+00	positive	-3.00E-01	6.24E+00	6.58E+00	positive	NA	NA	NA	positive	MW-62-53
MW-62-53	Q2-2011 Mid	7/22/2011	10:47	1.60E+02	3.96E+02	4.45E+02	2.00E+03	-4.83E-01	1.07E+00	1.58E+00	2.00E+00	4.34E+00	7.86E+00	9.52E+00	positive	1.66E+00	8.85E+00	1.02E+01	positive	-1.60E+01	1.79E+01	2.05E+01	positive	MW-62-53
MW-62-71	Q2-2011	4/13/2011	11:15	3.39E+02	4.72E+02	5.08E+02	2.00E+03	9.04E-01	1.45E+00	1.58E+00	2.00E+00	2.33E+00	7.96E+00	9.27E+00	positive	-2.38E+00	8.50E+00	8.56E+00	positive	NA	NA	NA	positive	MW-62-71
MW-62-71	Q2-2011 Mid	7/22/2011	10:12	4.21E+02	4.26E+02	4.44E+02	2.00E+03	-3.90E-01	1.36E+00	1.90E+00	2.00E+00	-7.29E-02	7.74E+00	8.31E+00	positive	-7.90E-01	8.28E+00	8.59E+00	positive	-6.70E+00	1.89E+01	2.13E+01	positive	MW-62-71
MW-62-92	Q2-2011	4/13/2011	11:03	5.06E+02	4.78E+02	4.92E+02	2.00E+03	2.87E-01	1.11E+00	1.30E+00	2.00E+00	-2.87E+00	7.18E+00	7.31E+00	positive	-2.10E+00	8.94E+00	8.88E+00	positive	NA	NA	NA	positive	MW-62-92
MW-62-92	Q2-2011 Mid	7/22/2011	10:18	5.61E+02	4.35E+02	4.39E+02	2.00E+03	-1.12E+00	1.52E+00	2.06E+00	2.00E+00	5.26E+00	9.42E+00	1.13E+01	positive	-7.24E-02	9.48E+00	1.05E+01	positive	-6.69E+00	1.76E+01	1.99E+01	positive	MW-62-92
MW-62-138	Q2-2011	4/13/2011	14:39	6.31E+02	5.04E+02	5.09E+02	2.00E+03	1.22E+00	1.29E+00	1.32E+00	2.42E+00	1.29E+00	9.08E+00	1.04E+01	positive	1.71E+00	8.82E+00	1.02E+01	positive	NA	NA	NA	positive	MW-62-138
MW-62-138	Q2-2011 Mid	7/22/2011	11:50	4.66E+02	4.23E+02	4.36E+02	2.00E+03	6.72E-01	1.20E+00	1.32E+00	2.42E+00	-5.97E-01	7.41E+00	8.13E+00	positive	6.36E+00	9.57E+00	1.23E+01	positive	-1.13E+01	1.79E+01	2.03E+01	positive	MW-62-138
MW-62-182	Q2-2011	4/13/2011	14:44	1.92E+02	4.50E+02	5.03E+02	2.00E+03	-5.04E-01	1.05E+00	1.45E+00	2.00E+00	5.54E+00	8.70E+00	1.09E+01	positive	-9.44E-01	1.08E+01	1.15E+01	positive	NA	NA	NA	positive	MW-62-182
MW-62-182	Q2-2011 Mid	7/22/2011	12:02	2.90E+02	4.20E+02	4.54E+02	2.00E+03	2.09E-01	1.22E+00	1.47E+00	2.00E+00	6.48E-01	7.41E+00	8.36E+00	positive	-5.94E-01	7.65E+00	8.31E+00	positive	-2.27E+00	1.56E+01	1.75E+01	positive	MW-62-182
MW-63-18	Q2-2011	4/19/2011	10:35	7.23E+01	4.38E+02	5.05E+02	2.00E+03	-3.13E-01	1.13E+00	1.49E+00	2.00E+00	8.69E-01	8.04E+00	8.92E+00	positive	-3.22E+00	8.16E+00	7.75E+00	positive	NA	NA	NA	positive	MW-63-18
MW-63-18	Q2-2011 Mid	7/21/2011	10:26	2.96E+02	3.99E+02	4.29E+02	2.00E+03	6.58E-02	1.19E+00	1.50E+00	2.00E+00	2.40E+00	7.62E+00	9.09E+00	positive	2.37E+00	7.53E+00	9.30E+00	positive	-8.91E+00	1.69E+01	1.92E+01	positive	MW-63-18
MW-63-34	Q2-2011	4/19/2011	10:25	3.94E+02	4.60E+02	4.87E+02	2.00E+03	-1.13E+00	1.22E+00	1.83E+00	2.00E+00	4.36E+00	8.34E+00	9.94E+00	positive	3.72E+00	8.28E+00	1.02E+01	positive	NA	NA	NA	positive	MW-63-34
MW-63-34	Q2-2011 Mid	7/21/2011	10:08	3.04E+02	4.08E+02	4.39E+02	2.00E+03	2.38E-01	1.17E+00	1.42E+00	2.00E+00	-1.34E+00	9.03E+00	9.54E+00	positive	1.66E-01	7.89E+00	8.63E+00	positive	-1.26E+01	1.28E+01	1.47E+01	positive	MW-63-34
MW-63-50	Q2-2011	4/19/2011	11:25	1.68E+02	4.36E+02	4.89E+02	2.00E+03	7.72E-01	1.39E+00	1.53E+00	2.00E+00	-6.46E+00	9.76E+00	9.29E+00	positive	3.72E+00	8.18E+00	1.03E+01	positive	NA	NA	NA	positive	MW-63-50
MW-63-50	Q2-2011 Mid	7/21/2011	11:25	2.09E+02	3.99E+02	4.41E+02	2.00E+03	-6.50E-01	8.58E-01	1.39E+00	2.00E+00	2.46E-01	7.56E+00	8.55E+00	positive	2.77E+00	8.64E+00	1.05E+01	positive	-2.89E+00	1.51E+01	1.69E+01	positive	MW-63-50
MW-63-93	Q2-2011	4/19/2011	11:27	9.64E+01	4.42E+02	5.05E+02	2.00E+03	-4.30E-02	1.14E+00	1.44E+00	2.00E+00	3.31E+00	8.92E+00	1.03E+01	positive	-4.35E-01	6.80E+00	7.25E+00	positive	NA	NA	NA	positive	MW-63-93
MW-63-93	Q2-2011 Mid	7/21/2011	11:32	4.17E+02	4.20E+02	4.40E+02	2.00E+03	-4.28E-01	1.06E+00	1.48E+00	2.00E+00	-3.58E+00	8.10E+00	7.77E+00	positive	-6.11E+00	7.92E+00	5.51E+00	positive	6.50E-01	1.71E+01	1.90E+01	positive	MW-63-93
MW-63-112	Q2-2011	4/19/2011	11:25	4.22E+02	4.68E+02	4.92E+02	2.00E+03	-7.96E-01	1.00E+00	1.47E+00	2.00E+00	4.96E+00	1.05E+01	1.25E+01	positive	1.64E+00	1.17E+01	1.36E+01	positive	NA	NA	NA	positive	MW-63-112
MW-63-112	Q2-2011 Mid	7/21/2011	11:46	6.01E+02	4.44E+02	4.44E+02	2.00E+03	2.29E-01	1.13E+00	1.37E+00	2.00E+00	-8.46E-01	1.06E+01	1.11E+01	positive	6.03E+00	1.21E+01	1.54E+01	positive	-1.22E+00	1.77E+01	1.98E+01	positive	MW-63-112
MW-63-121	Q2-2011	4/19/2011	9:54	5.77E+02	4.84E+02	4.91E+02	2.00E+03	4.12E-01	1.18E+00	1.37E+00	2.00E+00	-1.03E+00	6.92E+00	7.17E+00	positive	-1.09E+01	9.86E+00	5.99E+00	positive	NA	NA	NA	positive	MW-63-121
MW-63-121	Q2-2011 Mid	7/21/2011	9:58	1.33E+03	5.28E+02	4.45E+02	2.00E+03	-3.05E-01	1.36E+00	1.74E+00	2.00E+00	1.63E-03	7.44E+00	8.17E+00	positive	-3.19E+00	1.05E+01	1.07E+01	positive	1.12E+00	1.84E+01	2.05E+01	positive	MW-63-121
MW-63-163	Q2-2011	4/19/2011	9:49	4.92E+02	4.84E+02	5.03E+02	2.00E+03	1.11E+00	1.82E+00	2.00E+00	2.00E+00	4.43E-01	8.94E+00	9.98E+00	positive	4.78E+00	1.02E+01	1.26E+01	positive	NA	NA	NA	positive	MW-63-163
MW-63-163	Q2-2011 Mid	7/21/2011	10:09	5.08E+02	4.26E+02	4.36E+02	2.00E+03	-6.14E-01	1.01E+00	1.48E+00	2.00E+00	-8.47E-01	7.47E+00	8.17E+00	positive	4.07E-01	7.53E+00	8.66E+00	positive	-8.69E+00	1.47E+01	1.67E+01	positive	MW-63-163
MW-63-174	Q2-2011	4/19/2011	9:52	1.56E+02	4.48E+02	5.04E+02	2.00E+03	-7.87E-01	9.72E-01	1.48E+00	2.00E+00	-6.41E+00	8.32E+00	7.72E+00	positive	-9.85E-01	8.58E+00	9.20E+00	positive	NA	NA	NA	positive	MW-63-174
MW-63-174	Q2-2011 Mid	7/21/2011	9:57	4.14E+02	4.17E+02	4.36E+02	2.00E+03	6.96E-01	1.85E+00	2.10E+00	2.00E+00	-3.57E+00	8.10E+00	8.27E+00	positive	4.67E-01	9.36E+00	1.09E+01	positive	-2.55E+00	1.33E+01	1.49E+01	positive	MW-63-174
MW-65-48	Q2-2011 Mid	7/7/2011	12:19	8.59E+01	2.43E+02	2.85E+02	**	5.73E-01	1.04E+00	1.15E+00	**	4.10E+00	9.03E+00	1.09E+01	**	-1.15E+00	1.12E+01	1.18E+01	**	-5.93E+00	2.39E+01	2.69E+01	**	MW-65-48
MW-65-80	Q2-2011 Mid	7/13/2011	10:12	8.54E+01	2.41E+02	2.84E+02	**	1.26E-01	9.24E-01	1.12E+00	**	-2.33E+00	9.12E+00	9.46E+00	**	2.88E+00	1.15E+01	1.34E+01	**	-1.27E+01	2.00E+01	2.29E+01	**	MW-65-80
MW-66-21	Q2-2011	4/14/2011	13:43	9.30E+01	3.88E+02	4.46E+02	1.33E+03	6.73E-01	1.64E+00	1.85E+00	2.07E+00	-4.70E+00	8.74E+00	8.45E+00	positive	6.94E+00	9.82E+00	1.25E+01	positive	1.81E+00	1.51E+01	1.72E+01	positive	MW-66-21
MW-66-36	Q2-2011	4/14/2011	12:53	3.52E+03	7.36E+02	4.79E+02	7.71E+03	1.06E+01	2.88E+00	1.95E+00	1.40E+01	1.50E-01	7.24E+00	8.14E+00	positive	5.40E-01	7.92E+00	9.01E+00	positive	6.10E-01	1.55E+01	1.79E+01	positive	MW-66-36
MW-67-39	Q2-2011	4/14/2011	13:25	3.73E+03	7.14E+02	4.17E+02	6.52E+03	1.25E+01	3.76E+00	2.10E+00	1.81E+01	4.53E+00	8.78E+00	1.04E+01	positive	3.71E+00	9.54E+00	1.14E+01	positive	6.99E+00	1.47E+01	1.63E+01	positive	MW-67-39
MW-67-105	Q2-2011	4/14/2011	13:43	1.10E+03	4.84E+02	4.12E+02	3.92E+03	2.70E-01	1.72E+00	2.11E+00	4.38E+00	-3.96E-01	9.66E+00	1.05E+01	positive	-1.91E-01	7.24E+00	7.88E+00	positive	5.71E+00	1.55E+01	1.73E+01	positive	MW-67-105
MW-67-173	Q2-2011	4/14/2011	14:09	5.72E+02	4.20E+02	4.10E+02	1.61E+03	-2.56E-01	1.69E+00	1.99E+00	2.00E+00	5.04E+00	9.64E+00	1.17E+01	positive	-9.27E+00	1.03E+01	6.85E+00	positive	7.50E+00	1.23E+01	1.34E+01	positive	MW-67-173
MW-67-219	Q2-2011	4/14/2011	10:49	1.07E+03	4.78E+02	4.12E+02	2.26E+03	-7.57E-01	9.50E-01	1.53E+00	2.00E+00	-2.70E+00	6.62E+00	6.47E+00	positive	4.16E+00	9.78E+00	1.20E+01	positive	2.95E+00	1.43E+01	1.62E+01	positive	MW-67-219
MW-67-276	Q2-2011	4/14/2011	10:53	1.06E+03	4.84E+02	4.19E+02	2.01E+03	3.46E-01	1.22E+00	1.45E+00	2.00E+00	-5.30E+00	6.78E+00	6.12E+00	positive	1.62E+00	1.02E+01	1.15E+01	positive	5.62E-01	1.42E+01	1.63E+01	positive	MW-67-276
MW-67-323	Q2-2011	4/14/2011	11:33	4.26E+02	4.06E+02	4.13E+02	1.00E+03	1.05E+00	1.52E+00	1.62E+00	2.00E+00	2.02E+00	8.36E+00	9.62E+00	positive	-1.12E+00	7.80E+00	8.21E+00	positive	-2.21E-01	1.30E+01	1.50E+01	positive	MW-67-323
MW-67-340	Q2-2011	4/14/2011	11:17	6.56E+02	4.32E+02	4.13E+02	1.01E+03	2.62E-01	1.16E+00	1.40E+00	2.00E+00	5.89E+00	9.02E+00	1.12E+01	positive	4.57E+00	9.02E+00	1.15E+01	positive	7.58E+00	1.54E+01	1.71E+01	positive	MW-67-340
MW-107	Q2-2011	5/2/2011	9:25	3.15E+02

TABLE 4
2011 2nd QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	I.L.[3,7]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	
U3-T2	Q2-2011 Mid	7/8/2011	10:55	2.67E+03	6.63E+02	2.80E+02	2.08E+03	4.75E-01	1.31E+00	1.50E+00	2.00E+00	3.77E+00	1.08E+01	1.19E+01	positive	-1.06E+00	1.02E+01	1.07E+01	positive	NA	NA	NA	positive	U3-T2
U1-CSS	Q2-2011	5/4/2011	13:24	6.38E+03	6.84E+02	3.40E+02	5.17E+03	1.61E+01	2.70E+00	1.01E+00	2.08E+01	3.29E+00	8.36E+00	9.79E+00	positive	7.12E+00	9.42E+00	1.24E+01	positive	-1.05E+01	1.55E+01	1.84E+01	positive	U1-CSS
U1-CSS	Q2-2011 Mid	7/8/2011	13:33	1.08E+04	1.28E+03	2.79E+02	5.17E+03	3.90E+00	1.82E+00	1.30E+00	2.08E+01	3.84E-02	9.18E+00	1.01E+01	positive	-3.60E+00	9.96E+00	1.06E+01	positive	-3.20E+00	2.09E+01	2.34E+01	positive	U1-CSS
MH-5 VCFD	Q2-2011	4/22/2011	13:37	1.25E+04	1.10E+03	4.46E+02	*	8.17E-01	1.85E+00	2.08E+00	*	-3.21E+00	8.36E+00	8.43E+00	*	-1.60E+00	9.06E+00	9.51E+00	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q2-2011 Mid	7/7/2011	14:29	2.97E+03	7.02E+02	2.83E+02	*	-3.05E-01	8.04E-01	1.11E+00	*	9.24E-01	7.95E+00	8.84E+00	*	5.11E-01	8.49E+00	9.13E+00	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q2-2011 Mid	7/12/2011	12:46	9.86E+03	1.23E+03	2.81E+02	*	9.15E-01	1.05E+00	1.06E+00	*	-1.17E+01	1.33E+01	1.52E+01	*	-1.19E+00	9.99E+00	1.06E+01	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q2-2011 Mid	7/20/2011	10:48	2.89E+03	7.32E+02	3.35E+02	*	-4.57E-01	1.01E+00	1.47E+00	*	1.79E+00	6.30E+00	7.26E+00	*	-2.61E+00	8.34E+00	8.34E+00	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q2-2011 Mid	7/26/2011	12:50	1.86E+03	6.03E+02	3.33E+02	*	-7.10E-01	9.45E-01	1.45E+00	*	2.81E+00	7.47E+00	8.99E+00	*	-8.33E-01	9.66E+00	1.03E+01	*	NA	NA	NA	*	MH-5 VCFD
LAF-002	Q2-2011	5/2/2011	12:50	6.69E+01	3.04E+02	3.43E+02	positive	1.16E+00	1.55E+00	1.66E+00	positive	-5.80E-01	7.86E+00	8.57E+00	positive	-6.46E-01	7.24E+00	7.65E+00	positive	-3.48E-01	1.60E+01	1.83E+01	positive	LAF-002
B-1	Q2-2011	4/25/2011	10:50	8.10E+03	9.22E+02	4.53E+02	*	-6.21E-03	1.74E+00	2.09E+00	*	2.05E+01	1.33E+01	1.03E+01	*	3.18E+00	9.06E+00	1.11E+01	*	NA	NA	NA	*	B-1
B-6	Q2-2011	4/25/2011	9:48	2.68E+03	6.18E+02	4.53E+02	*	-6.69E-01	1.58E+00	2.09E+00	*	-1.31E-01	8.56E+00	9.08E+00	*	4.73E+00	1.06E+01	1.35E+01	*	NA	NA	NA	*	B-6
B-6	Q2-2011 Mid	7/8/2011	11:05	5.39E+02	3.54E+02	2.82E+02	*	1.32E+00	1.56E+00	1.63E+00	*	6.09E+00	1.58E+01	8.04E+00	*	-2.64E+00	8.97E+00	8.84E+00	*	NA	NA	NA	*	B-6

Notes

1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port.
   Well IDs without a suffix are open bedrock wellbores.
2. Sampling depths within sampling intervals (location of pump intake) have been established at location of most transmissive zone to the extent possible.
3. I.L.s (Investigation Levels) are predetermined detection limits assigned to each sampling location which, if reached or exceeded, require further investigation or action. I.L.s presented here for Sr-90, CS-137, Co-60 & Ni-63 are established for 2011 based on 2010 averages. See Note #7 below for further 2011 Tritium I.L. discussion. Positive detections indicate that the the result is greater than MDC and greater than or equal to 3 times the 1 sigma uncertainty.
4. NA indicates that the constituent was not analyzed.
5. Shading indicates that the sample result exceeds the Investigation Level.
6. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.
7. To be conservative, the 2011 Tritium I.L.s were calculated using (2x the 2009 yearly average) beacuase an increased Tritium activity in multiple Unit 2 sampling intervals was observed during 2010 in response to the transient surface spill from a temporary rental RWST/R.O. processing skid.

* Indicates storm or foundation drain sampling locations, for which investigation levels are not applicable.
** Indicates 2011 I.L.s not computed for this well due to absence of 2008 through 2010 data.
*** 2011 Tritium I.L. calculated based on the 2010 rolling average due to absence of 2009 data.
**** The Q2 2011 MW-40-46 preliminary Sr-90 result was 2.83 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.

TABLE 4
2011 3rd QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																	Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	I.L.[3,7]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	
MW-31-49	Q3-2011	8/5/2011	10:47	4.98E+03	7.80E+02	4.16E+02	4.28E+04	-2.63E-02	1.34E+00	1.58E+00	2.00E+00	6.39E+00	8.76E+00	1.10E+01	positive	5.20E-01	1.06E+01	1.16E+01	positive	NA	NA	NA	positive	MW-31-49
MW-31-63	Q3-2011	8/5/2011	11:29	1.63E+04	1.31E+03	4.18E+02	3.99E+04	-1.30E-01	1.71E+00	2.02E+00	2.00E+00	-2.83E-01	9.87E+00	1.12E+01	positive	2.13E+00	9.24E+00	1.08E+01	positive	NA	NA	NA	positive	MW-31-63
MW-31-85	Q3-2011	8/5/2011	11:27	4.82E+03	7.74E+02	4.22E+02	1.46E+04	1.39E-01	1.40E+00	1.63E+00	2.00E+00	-8.79E-01	8.25E+00	8.80E+00	positive	-4.79E+00	9.57E+00	8.27E+00	positive	NA	NA	NA	positive	MW-31-85
MW-32-59	Q3-2011	8/5/2011	12:30	2.06E+04	1.47E+03	4.19E+02	3.42E+04	1.64E+00	1.66E+00	1.71E+00	2.00E+00	-3.73E+00	8.34E+00	8.04E+00	positive	-1.05E+00	8.79E+00	9.24E+00	positive	NA	NA	NA	positive	MW-32-59
MW-32-85	Q3-2011	8/5/2011	13:36	1.14E+04	1.12E+03	4.20E+02	1.63E+04	1.14E-01	1.64E+00	1.92E+00	2.00E+00	5.40E+00	6.87E+00	8.79E+00	positive	-1.21E+00	6.69E+00	6.57E+00	positive	NA	NA	NA	positive	MW-32-85
MW-32-149	Q3-2011	8/5/2011	11:10	9.86E+02	4.71E+02	4.21E+02	1.00E+03	4.80E-01	1.81E+00	2.06E+00	2.00E+00	-9.94E-01	9.60E+00	9.39E+00	positive	2.75E+00	7.41E+00	9.28E+00	positive	NA	NA	NA	positive	MW-32-149
MW-32-173	Q3-2011	8/5/2011	11:11	5.69E+02	4.17E+02	4.12E+02	1.50E+03	6.34E-01	1.48E+00	1.66E+00	2.00E+00	-9.50E-01	6.36E+00	6.56E+00	positive	-1.55E+00	1.10E+01	1.14E+01	positive	NA	NA	NA	positive	MW-32-173
MW-32-190	Q3-2011	8/5/2011	11:15	1.44E+03	5.16E+02	4.20E+02	4.21E+03	7.59E-01	1.64E+00	1.82E+00	2.00E+00	2.02E+00	7.23E+00	8.43E+00	positive	1.28E+00	9.24E+00	1.06E+01	positive	NA	NA	NA	positive	MW-32-190
MW-36-24	Q3-2011	8/16/2011	13:34	1.12E+03	5.01E+02	4.51E+02	2.56E+03	2.34E-01	9.96E-01	1.18E+00	2.00E+00	-2.80E+00	7.71E+00	7.54E+00	positive	7.10E-01	7.89E+00	8.75E+00	positive	NA	NA	NA	positive	MW-36-24
MW-36-41	Q3-2011	8/16/2011	14:18	5.90E+03	8.37E+02	4.55E+02	2.10E+04	1.74E+00	1.26E+00	1.13E+00	7.99E+00	1.75E+00	8.91E+00	9.88E+00	positive	4.43E+00	9.15E+00	1.15E+01	positive	NA	NA	NA	positive	MW-36-41
MW-36-52	Q3-2011	8/16/2011	14:52	4.69E+03	7.59E+02	4.48E+02	1.48E+04	2.93E+00	1.57E+00	1.36E+00	8.14E+00	3.59E+00	8.22E+00	9.80E+00	positive	-1.83E+00	9.33E+00	9.74E+00	positive	NA	NA	NA	positive	MW-36-52
MW-37-22	Q3-2011	8/16/2011	10:35	4.52E+03	7.56E+02	4.53E+02	9.19E+03	7.59E+00	2.07E+00	1.32E+00	2.20E+01	3.10E+00	7.26E+00	8.77E+00	positive	-9.99E-01	7.35E+00	7.48E+00	positive	NA	NA	NA	positive	MW-37-22
MW-37-32	Q3-2011	8/16/2011	11:00	5.23E+03	7.95E+02	4.52E+02	9.32E+03	1.68E+01	2.87E+00	1.13E+00	3.54E+01	-2.53E+00	8.34E+00	7.53E+00	positive	-6.09E+00	9.06E+00	8.10E+00	positive	NA	NA	NA	positive	MW-37-32
MW-37-40	Q3-2011	8/16/2011	11:24	5.03E+03	7.86E+02	4.53E+02	9.02E+03	1.95E+01	3.18E+00	1.17E+00	2.84E+01	-2.08E+00	8.25E+00	8.54E+00	positive	1.79E+00	7.35E+00	8.59E+00	positive	NA	NA	NA	positive	MW-37-40
MW-37-57	Q3-2011	8/16/2011	10:55	5.11E+03	7.98E+02	4.59E+02	9.62E+03	2.15E+01	3.27E+00	1.30E+00	3.68E+01	1.82E+00	7.92E+00	9.16E+00	positive	-1.34E+00	6.39E+00	6.57E+00	positive	NA	NA	NA	positive	MW-37-57
MW-39-67	Q3-2011 Mid	8/29/2011	13:47	1.49E+04	1.24E+03	4.51E+02	1.00E+03	1.08E+00	1.18E+00	1.20E+00	3.30E+00	2.23E+00	7.77E+00	8.94E+00	positive	4.82E+00	8.25E+00	1.05E+01	positive	NA	NA	NA	positive	MW-39-67
MW-39-84	Q3-2011 Mid	8/29/2011	13:56	2.38E+02	4.14E+02	4.54E+02	1.00E+03	8.64E-01	1.00E+00	1.00E+00	2.10E+00	5.19E+00	1.54E+01	9.85E+00	positive	-1.20E+00	9.99E+00	1.04E+01	positive	NA	NA	NA	positive	MW-39-84
MW-39-102	Q3-2011 Mid	8/29/2011	14:11	1.90E+04	1.37E+03	4.41E+02	1.00E+03	-7.38E-01	1.20E+00	1.60E+00	8.10E+00	-3.14E+00	7.92E+00	7.72E+00	positive	4.66E+00	7.83E+00	1.04E+01	positive	NA	NA	NA	positive	MW-39-102
MW-39-124	Q3-2011 Mid	8/29/2011	10:54	-1.02E+01	3.75E+02	4.45E+02	1.00E+03	3.16E-01	1.12E+00	1.30E+00	4.50E+00	-7.05E+00	1.06E+01	1.01E+01	positive	7.76E+00	1.13E+01	1.46E+01	positive	NA	NA	NA	positive	MW-39-124
MW-39-183	Q3-2011 Mid	8/29/2011	10:45	1.14E+02	3.81E+02	4.33E+02	1.00E+03	1.10E+00	1.13E+00	1.10E+00	2.00E+00	-3.70E+00	1.05E+01	1.05E+01	positive	5.90E+00	9.54E+00	1.22E+01	positive	NA	NA	NA	positive	MW-39-183
MW-39-195	Q3-2011 Mid	8/29/2011	10:51	1.72E+04	1.31E+03	4.43E+02	1.00E+03	4.98E-02	7.50E-01	9.59E-01	2.00E+00	7.98E-01	7.62E+00	8.56E+00	positive	2.43E+00	8.19E+00	9.86E+00	positive	NA	NA	NA	positive	MW-39-195
MW-41-40	Q3-2011	8/4/2011	14:39	5.94E+02	3.57E+02	3.53E+02	1.00E+03	1.70E+00	1.87E+00	1.93E+00	7.28E+00	4.91E-01	5.97E+00	6.61E+00	positive	-6.02E-02	8.16E+00	8.80E+00	positive	NA	NA	NA	positive	MW-41-40
MW-41-63	Q3-2011	8/4/2011	14:20	6.60E+02	3.60E+02	3.51E+02	1.00E+03	1.91E+00	1.95E+00	1.96E+00	7.36E+00	1.64E+00	7.89E+00	8.72E+00	positive	-1.43E+00	7.29E+00	7.72E+00	positive	NA	NA	NA	positive	MW-41-63
MW-42-49	Q3-2011	8/1/2011	12:50	7.78E+02	3.90E+02	3.74E+02	3.16E+04	2.60E+00	1.92E+00	1.82E+00	9.00E+01	1.57E+04	1.92E+03	2.16E+01	65750	3.58E+00	8.40E+00	1.01E+01	positive	2.80E+02	3.48E+01	2.02E+01	673.5	MW-42-49
MW-42-78	Q3-2011	8/1/2011	12:50	3.97E+02	3.57E+02	3.72E+02	1.00E+03	-1.16E-01	1.13E+00	1.49E+00	2.00E+00	5.85E-01	7.98E+00	7.65E+00	positive	-5.68E-01	9.45E+00	1.03E+01	positive	1.02E+00	1.17E+01	1.31E+01	positive	MW-42-78
MW-43-28	Q3-2011	8/4/2011	11:15	2.26E+02	3.24E+02	3.50E+02	1.00E+03	-1.34E-01	1.42E+00	1.87E+00	2.00E+00	4.00E+00	7.35E+00	9.02E+00	positive	-3.51E+00	9.33E+00	9.21E+00	positive	NA	NA	NA	positive	MW-43-28
MW-43-62	Q3-2011	8/4/2011	11:35	1.66E+02	3.21E+02	3.55E+02	1.00E+03	-2.14E-01	1.61E+00	1.93E+00	2.00E+00	-1.62E+00	7.95E+00	8.00E+00	positive	-2.98E+00	8.13E+00	8.75E+00	positive	NA	NA	NA	positive	MW-43-62
MW-44-66	Q3-2011	8/22/2011	12:08	4.76E+02	4.32E+02	4.45E+02	1.00E+03	1.13E-01	9.03E-01	1.11E+00	2.00E+00	-7.41E+00	8.73E+00	6.89E+00	positive	-3.14E+00	9.09E+00	9.07E+00	positive	NA	NA	NA	positive	MW-44-66
MW-44-102	Q3-2011	8/22/2011	10:43	8.25E+02	4.77E+02	4.57E+02	1.00E+03	-1.10E-01	9.69E-01	1.28E+00	2.00E+00	-3.22E+00	6.69E+00	6.63E+00	positive	8.99E+00	7.50E+00	1.08E+01	positive	NA	NA	NA	positive	MW-44-102
MW-45-42	Q3-2011 Mid	8/23/2011	13:58	2.72E+04	1.63E+03	4.50E+02	5.90E+03	1.77E-01	9.15E-01	1.10E+00	2.00E+00	8.73E-01	1.12E+01	1.05E+01	positive	-7.52E+00	1.06E+01	8.89E+00	positive	NA	NA	NA	positive	MW-45-42
MW-45-61	Q3-2011 Mid	8/23/2011	10:48	5.91E+03	8.13E+02	4.34E+02	2.65E+03	7.01E-01	1.16E+00	1.26E+00	2.00E+00	-8.68E-01	7.44E+00	7.90E+00	positive	1.84E+00	6.63E+00	7.89E+00	positive	NA	NA	NA	positive	MW-45-61
MW-46	Q3-2011	8/17/2011	11:36	3.30E+03	6.72E+02	4.50E+02	1.84E+03	8.77E-01	1.21E+00	1.29E+00	2.00E+00	3.43E-01	7.86E+00	8.82E+00	positive	-1.10E+00	7.50E+00	7.97E+00	positive	NA	NA	NA	positive	MW-46
MW-47-56	Q3-2011 Mid	8/18/2011	12:39	5.42E+02	2.76E+02	2.00E+02	**	1.03E+00	1.28E+00	1.31E+00	**	-8.54E-01	1.13E+01	1.25E+01	**	3.86E+00	8.64E+00	1.07E+01	**	-2.22E+00	1.75E+01	2.00E+01	**	MW-47-56
MW-47-80	Q3-2011 Mid	8/18/2011	11:36	1.37E+05	4.08E+03	2.18E+02	**	8.23E-01	1.22E+00	1.29E+00	**	-5.83E+00	9.30E+00	8.60E+00	**	-6.32E-01	8.79E+00	9.27E+00	**	-1.15E+00	1.88E+01	2.15E+01	**	MW-47-80
MW-49-26	Q3-2011	8/10/2011	10:46	3.97E+03	6.39E+02	2.00E+02	6.52E+03	1.26E+01	2.89E+00	1.34E+00	2.79E+01	-1.94E+00	9.06E+00	9.33E+00	positive	2.94E+00	8.31E+00	1.00E+01	positive	-1.77E+01	2.04E+01	2.57E+01	positive	MW-49-26
MW-49-42	Q3-2011	8/10/2011	11:16	3.83E+03	6.21E+02	1.96E+02	4.97E+03	1.61E+01	3.24E+00	1.64E+00	3.72E+01	-1.22E+00	8.94E+00	9.69E+00	positive	-3.72E+00	8.79E+00	8.23E+00	positive	-1.40E+01	1.81E+01	2.15E+01	positive	MW-49-42
MW-49-65	Q3-2011	8/10/2011	10:55	2.43E+03	5.10E+02	2.00E+02	3.03E+03	1.14E+01	2.75E+00	1.42E+00	2.62E+01	1.12E-01	7.77E+00	8.40E+00	positive	-4.19E+00	9.00E+00	8.02E+00	positive	-6.91E-01	1.81E+01	2.05E+01	positive	MW-49-65
MW-50-42	Q3-2011	8/19/2011	12:10	9.52E+02	3.42E+02	2.00E+02	1.04E+03	9.47E+00	2.60E+00	1.31E+00	1.10E+01	2.17E+00	8.01E+00	9.07E+00	positive	4.72E+00	9.81E+00	1.22E+01	positive	-7.08E+00	1.81E+01	2.10E+01	positive	MW-50-42
MW-50-66	Q3-2011	8/19/2011	12:12	7.15E+03	8.49E+02	2.00E+02	5.90E+03	2.57E+01	4.05E+00	1.65E+00	5.24E+01	3.97E+00	8.46E+00	1.01E+01	positive	1.73E+00	9.03E+00	1.05E+01	positive	-8.92E+00	1.80E+01	2.11E+01	positive	MW-50-66
MW-51-40	Q3-2011	7/28/2011	11:43	3.78E+01	3.06E+02	3.52E+02	1.00E+03	-2.51E-01	1.37E+00	1.85E+00	2.00E+00	-2.58E+00	1.35E+01	1.68E+01	positive	-3.37E+00	9.33E+00	9.05E+00	positive	NA	NA	NA	positive	MW-51-40
MW-51-79	Q3-2011	7/28/2011	11:55	-1.93E+01	3.09E+02	3.60E+02	1.00E+03	1.36E-01	1.63E+00	1.96E+00	2.00E+00	2.20E+00	8.28E+00	9.43E+00	positive	-5.24E-01	9.27E+00	9.93E+00	positive	NA	NA	NA	positive	MW-51-79
MW-51-104	Q3-2011	7/28/2011	9:51	1.64E+02	3.18E+02	3.51E+02	1.00E+03	-8.86E-01	1.26E+00	1.94E+00	2.00E+00	-1.15E-01	6.18E+00	6.84E+00	positive	-3.12E+00	8.10E+00	7.98E+00	positive	NA	NA	NA	positive	MW-51-104
MW-51-135	Q3-2011	7/28/2011	10:04	-5.63E+01	2.96E+02	3.49E+02	1.00E+03	8.06E-01	1.71E+00	1.92E+00	2.00E+00	4.41E+00	8.22E+00	9.83E+00	positive	1.32E+00	9.36E+00	1.05E+01	positive	NA	NA	NA	positive	MW-51-135
MW-51-163	Q3-2011	7/28/2011	10:18	1.20E+02	3.18E+02	3.54E+02	1.00E+03	-7.15E-01	1.26E+00	1.96E+00	2.00E+00	6.34E-01	7.71E+00	8.41E+00	positive	3.60E+00	9.69E+00	1.17E+01	positive	NA	NA	NA	positive	MW-51-163
MW-51-189	Q3-2011	7/28/2011	10:42	-5.69E+00	3.03E+02	3.53E+02	1.00E+03	3.69E-02	1.66E+00	1.95E+00	2.00E+00	2.36E+00	1.07E+01	1.02E+01	positive	2.52E+00	1.01E+01	1.17E+01	positive	NA	NA	NA	positive	MW-51-189
MW-53-82	Q3-2011	8/1/2011	11:11	7.16E+02	3.84E+02	3.71E+02	3.83E+03	-5.52E-01	7.86E-01	1.06E+00	4.46E+00	-2.46E+00	7.38E+00	7.34E+00	positive	-3.40E-01	8.49E+00	9.05E+00	positive	8.23E+00	1.80E+01	1.98E+01	positive	MW-53-82
MW-53-120	Q3-2011	8/1/2011	10:00	4.44E+03	6.15E+02	3.71E+02	1.05E+04	3.30E+01	5.22E+00	1.94E+00	6.60E+01	-2.07E+00	8.49E+00	8.67E+00	positive	-5.10E-01	9.36E+00	1.01E+01	positive	1.45E+01	1.02E+01	1.07E+01	positive	MW-53-120
MW-54-37	Q3-2011	8/15/2011	9:25	3.13E+04	1.75E+03	1.98E+02	2.71E+03	2.75E-01	1.60E+00	1.88E+00	9.20E+00	5.03E-01	6.69E+00	7.58E+00	positive	3.36E+00	7.56E+00	9.28E+00	positive	-1.05E+01	1.66E+01	1.96E+01	positive	MW-54-37
MW-54-58	Q3-2011	8/15/2011	9:47	4.23E+03	6.63E+02	2.02E+02	1.48E+03	-1.92E-01	9.75E-01	1.31E+00	3.43E+00	-1.08E+00	8.61E+00	8.19E+00	positive	-8.43E-01	9.45E+00	1.01E+01	positive	2.37E+00	1.84E+01	2.07E+01	positive	MW-54-58
MW-54-123	Q3-2011	8/15/2011	9:55	1.21E+03	3.75E+02	2.00E+02	1.30E+03	3.74E+00	2.03E+00	1.78E+00	8.14E+00	5.50E-01	8.46E+00	9.31E+00	positive	-5.09E-01	8.88E+00	9.49E+00	positive	-3.43E+00	1.94E+01	2.22E+01	positive	MW-54-123
MW-54-144	Q3-2011	8/15/2011	11:44	5.27E+03	7.23E+02	1.96E+02	2.64E+03	1.10E+01	2.75E+00	1.62E+00	2.53E+01	4.07E+00	9.39E+00	1.10E+01	positive	4.25E-01	9.81E+00	1.08E+01	positive	-5.13E+00	1.89E+01	2.18E+01	positive	MW-54-144
MW-54-173	Q3-2011	8/15/2011	11:50	1.50E+03	4.08E+02	1.97E+02	3.63E+03	4.32E+00	1.94E+00	1.48E+00	1.22E+01	-1.36E+00	1.01E+01	1.05E+01	positive	-7.70E-01	1.21E+01	1.33E+01	positive	-7.41E+00	2.05E+01	2.42E+01	positive	MW-54-173
MW-54-190	Q3-2011	8/15/2011	12:00	3.31E+03	5.88E+02	2.00E+02	3.49E+03	1.89E+01	3.39E+00	1.22E+00	4.03E+01	-3.96E+00	8.61E+00	7.57E+00	positive	-4.68E+00	8.73E+00	8.11E+00	positive	-5.67E+00	1.96E+01	2.30E+01	positive	MW-54-190
MW-55-24	Q3-2011	8/12/2011	12:12	1.71E+03	4.35E+02	2.01E+02	2.58E+03	1.29E+01	3.21E+00	1.59E+00	2.97E+01	-4.41E+00	7.32E+00	6.86E+00	positive	5.14E-01	7.95E+00	8.82E+00	positive	6.75E+00	2.09E+01	2.34E+01	positive	MW-55-24
MW-55-35	Q3-2011	8/12/2011	12:15	2.94E+03	5.58E+02	2.01E+02	4.38E+03	1.63E+01	3.18E+00	1.50E+00	4.26E+01	4.22E-01	7.50E+00	8.42E+00	positive	-1.40E+00	8.31E+00	8.83E+00	positive	-1.22E+01	2.17E+01	2.60E+01	positive	MW-55-35
MW-55-54	Q3-2011	8/12/2011	12:09	8.53E+03	9.24E+02	2.00E+02	1.28E+04	2.20E+01	3.36E+00	1.17E+00	3.93E+01	7.03E+00	8.73E+00	1.08E+01	positive	-2.52E+00	8.07E+00	7.92E+00	positive	-2.57E+00	1.96E+01	2.27E+01	positive	MW-55-54
MW-56-53	Q3-2011 Mid	8/26/2011	11:06	2.47E+02	3.96E+02	4.32E+02	1.19E+03	-6.50E-01	7.17E-01	1.13E+00	2.00E+00	1.31E+00	8.97E+00	1.00E+01	positive	2.45E+00	7.50E+00	9.03E+00	positive	NA	NA	NA	positive	MW-56-53
MW-56-83	Q3-2011 Mid	8/26/2011	10:56	1.05E+05	3.12E+03	4.42E+02	6.39E+03	3.12E+00	1.61E+00	1.37E+00	3.98E+00	-2.12E+00	8.13E+00	8.21E+00	positive	-6.41E-01	8.67E+00	9.15E+00	positive	NA	NA	NA	positive	MW-56-83
MW-57-11	Q3-2011 Mid	8/19/2011	9:49	7.27E+03	8.58E+02	2.02E+02	8.44E+03	2.08E+01	3.21E+00	1.24E+00	4.92E+01	4.49E+00	7.50E+00	9.07E+00	positive	2.31E+00	7.74E+00	9.17E+00	positive	4.92E-01	2.06E+01	2.36E+01	positive	MW-57-11
MW-57-20	Q3-2011 Mid	8/19/2011	9:54	2.47E+04	1.55E+03	1.98E+02	3.04E+03	1.90E+00	1.68E+00	1.56E+00	2.24E+00	-2.01E+00	7.35E+00	7.66E+00	positive	1.68E+00	8.07E+00	9.48E+00	positive	3.14E+00	1.98E+01	2.25E+01	positive	MW-57-20
MW-57-45	Q3-2011 Mid	8/19/2011	10:19	2.46E+04	1.56E+03	2.02E+02	2.38E+03	4.31E-01	1.01E+00	1.15E+00	2.60E+00	-5.69E+00	1.03E+01	1.04E+01	positive	2.03E+00	8.04E+00	9.53E+00	positive	2.27E+00	2.09E+01	2.38E+01	positive	MW-57-45
MW-58-26	Q3-2011 Mid	8/26/2011	14:47	2.47E+03	5.10E+02	1.99E+02	1.00E+03	-6.17E-02	7.95E-01	1.05E+00	2.00E+00	2.39E-01	7.65E+00	8.47E+00	positive	3.25E-01	8.22E+00	9.22E+00	positive	NA	NA	NA	positive	MW-58-26
MW-58-65****	Q3-2011 Mid	8/26/2011	14:04	1.10E+03	4.62E+02	2.61E+02	1.00E+03	6.31E-01****	1.82E+00	1.60E+00	2.00E+00	-1.06E+00	9.00E+00	9.65E+00	positive	-1.54E+00	1.01E+01	1.04E+01	positive	NA	NA	NA	positive	MW-58-65****
MW-59-32	Q3-2011 Mid	8/24/2011	14:22	4.74E+02	2.72E+02	2.17E+02	**	7.95E-01	1.13E+00	1.20E+00	**	-2.52E+00	1.05E+01	1.13E+01	**	2.65E+00	8.25E+00	9.93E+00	**	-6.65E+00	2.16E+01	2.54E+01	**	MW-59-32
MW-59-45	Q3-2011 Mid	8/24/2011	14:32	1.24E+03	4.92E+02	2.64E+02	**	1.13E-01	1.11E+00	1.33E+00	**	-1.32E+00	8.37E+00	8.81E+00	**	4.22E+00	9.42E+00	1.18E+01	**	1.31E+00	1.07E+01	1.20E+01	**	MW-59-45
MW-59-68	Q3-2011 Mid	8/24/2011	14:09	2.61E+02	2.83E+02	2.66E+02	**	-5.46E-01	7.35E-01	1.14E+00	**	-5.62E+00	8.52E+00	7.69E+00	**	1.56E+00	9.03E+00	1.03E+01	**	4.94E+00	1.28E+01	1.42E+01	**	MW-59-68
MW-60-35	Q3-2011	8/10/2011	10:54	4.99E+02	2.69E+02	2.00E+02	2.00E+03	-5.84E-01	7.74E-01	1.17E+00	2.00E+00	2.11E+00	6.96E+00	8.28E+00	positive	-1.04E+00	1.03E+01	1.10E+01	positive	NA	NA	NA	positive	MW-60-35
MW-60-53	Q3-2011	8/10/2011	11:45	5.16E+02	2.70E+02	1.99E+02	2.00E+03	1.18E+00	1.39E+00	1.45E+00	2.00E+00	5.77E-01	1.34E+01	8.78E+00	positive	-5.16E-01	1.07E+01	1.15E+01	positive	NA	NA	NA	positive	MW-60-53
MW-60-72	Q3-2011	8/10/2011	13:25	2.91E+02	2.23E+02	1.95E+02	2.00E+03	1.22E-01	9.33E-01	1.14E+00	2.00E+00	-4.08E+00	9.63E+00	1.00E+01	positive	4.20E+00	8.40E+00	1.06E+01	positive	NA	NA	NA	positive	MW-60-72
MW-60-135	Q3-2011	8/10/2011	13:51	4.00E+02	2.46E+02	1.96E+02	2.00E+03	-2.08E-01	9.78E-01	1.25E+00	2.00E+00	-7.37E+00	9.39E+00	8.24E+00	positive	-6.27E+00	1.07E+01	9.07E+00	positive	NA	NA	NA	positive	MW-60-135
MW-60-154	Q3-2011	8/10/2011	13:22	5.89E+02	2.81E+02	1.97E+02	2.00E+03	-5.08E-02	1.13E+00	1.40E+00	2.00E+00	-1.03E+00	8.01E+00	8.47E+00	positive	2.98E+00	9.03E+00	1.07E+01	positive	NA	NA	NA	positive	MW-60-154
MW-60-176	Q3-2011	8/10/2011	14:12	9.72E+02	3.42E+02	2.00E+02	2.00E+03	-1.79E-01	9.21E-01	1.22E+00	2.00E+00	-3.87E+00	7.74E+00	7.27E+00	positive	-1.71E-01	8.91E+00	9.60E+00	positive	NA	NA	NA	positive	MW-60-176
MW-62-18	Q3-2011	8/3/2011	10:18	4.04E+02	3.39E+02	3.53E+02	2.00E+03	2.03E-01	1.37E+00	1.74E+00	2.00E+00	-1.12E+00	8.70E+00	9.13E+00	positive	4.76E+00	9.81E+00	1.21E+01	positive	NA	NA	NA	positive	MW-62-18
MW-62-37	Q3-2011	8/3/2011	10:35	3.09E+02	3.33E+02	3.52E+02	2.00E+03	1.23E+00	1.81E+00	1.96E+00	2.00E+00	3.02E+00	6.69E+00	8.03E+00	positive	2.71E+00	8.55E+00	1.01E+01	positive	NA	NA	NA	positive	MW-62-37

See Page 2 for Notes

TABLE 4
2011 3rd QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	I.L.[3,7]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	
MW-62-53	Q3-2011	8/3/2011	12:44	4.12E+02	3.42E+02	3.00E+02	2.00E+03	1.52E-01	1.46E+00	1.75E+00	2.00E+00	2.87E+00	7.59E+00	9.04E+00	positive	3.15E+00	8.76E+00	1.06E+01	positive	NA	NA	NA	positive	MW-62-53
MW-62-71	Q3-2011	8/3/2011	11:58	5.14E+02	3.69E+02	3.07E+02	2.00E+03	3.49E-01	1.39E+00	1.65E+00	2.00E+00	-7.31E-01	1.01E+01	1.10E+01	positive	2.51E+00	1.04E+01	1.20E+01	positive	NA	NA	NA	positive	MW-62-71
MW-62-92	Q3-2011	8/3/2011	12:10	5.61E+02	3.78E+02	3.03E+02	2.00E+03	-3.26E-01	1.09E+00	1.52E+00	2.00E+00	3.82E+00	1.46E+01	9.22E+00	positive	-5.05E+00	1.17E+01	1.15E+01	positive	NA	NA	NA	positive	MW-62-92
MW-62-138	Q3-2011	8/3/2011	10:08	1.42E+03	5.46E+02	3.34E+02	2.00E+03	1.53E+00	1.69E+00	1.73E+00	2.42E+00	2.51E-01	9.48E+00	1.05E+01	positive	1.35E+00	8.40E+00	9.73E+00	positive	NA	NA	NA	positive	MW-62-138
MW-62-182	Q3-2011	8/3/2011	10:20	5.84E+02	3.84E+02	3.05E+02	2.00E+03	2.04E-01	1.47E+00	1.75E+00	2.00E+00	-5.99E+00	1.25E+01	1.14E+01	positive	-2.96E-01	1.13E+01	1.24E+01	positive	NA	NA	NA	positive	MW-62-182
MW-63-18	Q3-2011	8/3/2011	10:02	2.90E+02	3.15E+02	3.03E+02	2.00E+03	-1.29E-01	1.20E+00	1.57E+00	2.00E+00	1.70E+00	6.87E+00	7.90E+00	positive	3.80E+00	8.58E+00	1.05E+01	positive	NA	NA	NA	positive	MW-63-18
MW-63-34	Q3-2011	8/3/2011	10:14	3.61E+02	3.30E+02	3.02E+02	2.00E+03	1.90E-01	1.37E+00	1.66E+00	2.00E+00	8.99E+00	9.09E+00	1.15E+01	positive	-7.29E-01	8.16E+00	8.53E+00	positive	NA	NA	NA	positive	MW-63-34
MW-63-50	Q3-2011	8/3/2011	11:38	3.50E+02	3.33E+02	3.09E+02	2.00E+03	-8.45E-01	1.10E+00	1.60E+00	2.00E+00	8.12E+00	1.18E+01	1.44E+01	positive	4.49E+00	8.52E+00	1.14E+01	positive	NA	NA	NA	positive	MW-63-50
MW-63-93	Q3-2011	8/3/2011	11:50	1.84E+02	3.12E+02	3.38E+02	2.00E+03	4.25E-02	1.31E+00	1.63E+00	2.00E+00	1.61E+00	7.26E+00	7.83E+00	positive	-2.65E+00	7.71E+00	8.38E+00	positive	NA	NA	NA	positive	MW-63-93
MW-63-112	Q3-2011	8/3/2011	12:01	8.82E+02	4.59E+02	3.36E+02	2.00E+03	-1.83E-01	1.31E+00	1.67E+00	2.00E+00	2.07E+00	7.35E+00	8.45E+00	positive	-2.13E+00	7.26E+00	7.10E+00	positive	NA	NA	NA	positive	MW-63-112
MW-63-121	Q3-2011	8/3/2011	10:03	1.92E+03	6.09E+02	3.29E+02	2.00E+03	9.09E-01	1.49E+00	1.62E+00	2.00E+00	-6.79E+00	9.27E+00	9.08E+00	positive	6.01E+00	8.16E+00	1.09E+01	positive	NA	NA	NA	positive	MW-63-121
MW-63-163	Q3-2011	8/3/2011	10:06	4.41E+02	3.54E+02	3.08E+02	2.00E+03	7.99E-02	1.35E+00	1.69E+00	2.00E+00	5.51E-01	8.40E+00	9.33E+00	positive	2.23E+00	1.03E+01	1.20E+01	positive	NA	NA	NA	positive	MW-63-163
MW-63-174	Q3-2011	8/3/2011	10:18	6.09E+02	3.93E+02	3.09E+02	2.00E+03	6.96E-01	1.49E+00	1.68E+00	2.00E+00	-4.15E+00	9.15E+00	8.88E+00	positive	4.51E+00	8.19E+00	1.05E+01	positive	NA	NA	NA	positive	MW-63-174
MW-66-21	Q3-2011	8/8/2011	10:55	7.84E+02	3.90E+02	3.73E+02	1.33E+03	8.00E-01	1.44E+00	1.59E+00	2.07E+00	-2.25E+00	8.16E+00	8.11E+00	positive	3.27E-01	7.05E+00	7.73E+00	positive	6.75E+00	9.00E+00	9.81E+00	positive	MW-66-21
MW-66-36	Q3-2011	8/8/2011	10:49	3.90E+03	5.91E+02	3.74E+02	7.71E+03	8.00E+00	2.60E+00	1.61E+00	1.40E+01	-3.94E+00	1.11E+01	1.07E+01	positive	1.48E+00	1.26E+01	1.46E+01	positive	2.82E+00	1.53E+01	1.71E+01	positive	MW-66-36
MW-67-39	Q3-2011	8/8/2011	12:26	3.62E+03	5.76E+02	3.73E+02	6.52E+03	5.31E+00	2.39E+00	1.98E+00	1.81E+01	-3.01E+00	8.34E+00	8.17E+00	positive	-7.13E+00	8.22E+00	7.50E+00	positive	5.90E+00	1.71E+01	1.90E+01	positive	MW-67-39
MW-67-105	Q3-2011	8/8/2011	12:48	1.42E+03	4.38E+02	3.74E+02	3.92E+03	7.40E-01	1.71E+00	1.92E+00	4.38E+00	-4.93E-01	7.77E+00	8.36E+00	positive	-6.18E+00	8.67E+00	7.26E+00	positive	6.67E+00	1.25E+01	1.38E+01	positive	MW-67-105
MW-67-173	Q3-2011	8/8/2011	12:53	6.13E+02	3.75E+02	3.72E+02	1.61E+03	-3.44E-01	1.55E+00	1.94E+00	2.00E+00	-1.95E+00	8.79E+00	9.16E+00	positive	1.25E+00	8.70E+00	9.80E+00	positive	4.91E+00	1.20E+01	1.33E+01	positive	MW-67-173
MW-67-219	Q3-2011	8/8/2011	10:33	1.11E+03	4.17E+02	3.73E+02	2.26E+03	3.18E-02	1.61E+00	1.90E+00	2.00E+00	8.34E-01	7.41E+00	8.13E+00	positive	-6.37E+00	9.30E+00	8.11E+00	positive	1.06E+01	1.64E+01	1.79E+01	positive	MW-67-219
MW-67-276	Q3-2011	8/8/2011	10:45	8.99E+02	3.90E+02	3.63E+02	2.01E+03	-3.98E-01	1.38E+00	1.82E+00	2.00E+00	-3.35E-01	8.67E+00	9.58E+00	positive	1.65E+00	9.24E+00	1.07E+01	positive	1.22E+01	1.91E+01	2.10E+01	positive	MW-67-276
MW-67-323	Q3-2011	8/8/2011	10:53	3.09E+02	3.51E+02	3.73E+02	1.00E+03	1.75E+00	1.85E+00	1.91E+00	2.00E+00	-6.64E-01	6.66E+00	7.23E+00	positive	4.13E+00	8.82E+00	1.09E+01	positive	-9.62E+00	2.15E+01	2.43E+01	positive	MW-67-323
MW-67-340	Q3-2011	8/8/2011	10:43	4.19E+02	3.60E+02	3.72E+02	1.01E+03	-5.52E-01	1.49E+00	1.89E+00	2.00E+00	-9.17E-01	7.92E+00	8.61E+00	positive	-4.93E+00	1.06E+01	1.00E+01	positive	6.17E+00	1.84E+01	2.05E+01	positive	MW-67-340
MW-108	Q3-2011 Mid	8/29/2011	11:25	1.78E+03	5.73E+02	2.62E+02	**	-7.81E-01	7.89E-01	1.24E+00	**	-1.86E-01	1.19E+01	1.21E+01	**	-4.10E+00	1.13E+01	1.10E+01	**	2.65E+00	1.16E+01	1.30E+01	**	MW-108
MW-109	Q3-2011 Mid	8/26/2011	13:49	3.26E+03	7.50E+02	2.59E+02	**	5.48E-01	1.01E+00	1.12E+00	**	2.37E+00	7.65E+00	8.94E+00	**	3.72E+00	9.60E+00	1.17E+01	**	-8.72E-01	8.73E+00	1.00E+01	**	MW-109
U3-3	Q3-2011 Mid	8/29/2011	13:09	1.03E+03	4.56E+02	2.66E+02	**	-5.04E-01	6.63E-01	1.06E+00	**	-2.50E+00	8.55E+00	7.82E+00	**	-3.69E+00	7.74E+00	7.12E+00	**	NA	NA	NA	**	U3-3
U3-4D	Q3-2011	7/29/2011	11:05	6.73E+02	4.02E+02	3.04E+02	1.00E+03	1.23E-01	1.58E+00	1.90E+00	2.00E+00	5.66E+00	8.43E+00	1.05E+01	positive	-2.58E+00	9.30E+00	9.06E+00	positive	NA	NA	NA	positive	U3-4D
U3-4S	Q3-2011	7/29/2011	10:06	4.67E+02	3.84E+02	3.43E+02	1.00E+03***	2.84E-01	1.64E+00	1.90E+00	2.00E+00	9.19E+00	1.58E+01	9.23E+00	positive	7.83E-01	1.02E+01	1.17E+01	positive	NA	NA	NA	positive	U3-4S
U3-T1	Q3-2011	8/22/2011	14:40	1.00E+03	3.42E+02	1.95E+02	1.00E+03	-6.26E-02	1.10E+00	1.37E+00	2.00E+00	-4.61E-01	8.70E+00	8.45E+00	positive	-2.62E+00	8.31E+00	8.23E+00	positive	NA	NA	NA	positive	U3-T1
U3-T2	Q3-2011	7/29/2011	12:32	2.65E+03	7.02E+02	3.34E+02	2.08E+03	1.05E+00	1.81E+00	1.99E+00	2.00E+00	-5.43E-01	8.49E+00	9.21E+00	positive	2.63E+00	8.91E+00	1.07E+01	positive	NA	NA	NA	positive	U3-T2
U1-NCD	Q3-2011	9/15/2011	11:45	3.86E+03	6.39E+02	3.99E+02	*	9.08E+01	7.80E+00	1.54E+00	*	4.77E+03	6.42E+02	8.81E+00	*	3.36E+00	4.68E+00	5.97E+00	*	1.14E+02	2.09E+01	1.82E+01	*	U1-NCD
U1-SFDS	Q3-2011	9/15/2011	11:35	2.09E+03	5.25E+02	4.00E+02	*	7.79E+00	2.54E+00	1.39E+00	*	9.23E+00	6.72E+00	6.70E+00	*	1.14E+00	6.27E+00	7.16E+00	*	-4.97E+00	1.70E+01	1.95E+01	*	U1-SFDS
I-2	Q3-2011	8/12/2011	15:13	2.34E+02	2.15E+02	2.00E+02	1.00E+03***	-5.95E-01	7.44E-01	1.16E+00	2.00E+00	5.11E+00	1.19E+01	1.35E+01	positive	-2.57E-01	9.24E+00	1.02E+01	positive	NA	NA	NA	positive	I-2
MH-5 VCFD	Q3-2011	8/3/2011	14:12	3.90E+03	8.31E+02	3.31E+02	*	-4.45E-01	1.07E+00	1.50E+00	*	-6.18E-01	1.01E+01	1.10E+01	*	-6.71E+00	1.43E+01	1.29E+01	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q3-2011	8/11/2011	12:39	2.74E+04	1.65E+03	2.02E+02	*	6.43E-01	1.19E+00	1.32E+00	*	-2.20E+00	7.47E+00	7.63E+00	*	1.85E+00	5.85E+00	7.32E+00	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q3-2011	8/18/2011	9:50	2.09E+04	1.87E+03	2.64E+02	*	9.64E-01	1.55E+00	1.70E+00	*	1.90E+00	7.98E+00	9.05E+00	*	-3.10E+00	9.60E+00	9.54E+00	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q3-2011 Mid	8/24/2011	11:01	1.40E+04	1.51E+03	2.58E+02	*	5.99E-01	1.30E+00	1.46E+00	*	-2.36E+00	7.86E+00	8.21E+00	*	3.46E+00	7.98E+00	9.92E+00	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q3-2011 Mid	8/30/2011	13:55	3.37E+04	1.83E+03	2.03E+02	*	9.19E-01	1.31E+00	1.40E+00	*	1.76E+00	7.23E+00	8.47E+00	*	-1.69E+00	7.86E+00	7.79E+00	*	NA	NA	NA	*	MH-5 VCFD
B-1	Q3-2011	8/17/2011	13:17	7.36E+02	3.03E+02	1.96E+02	*	-6.00E-02	9.87E-01	1.25E+00	*	1.51E+01	1.49E+01	7.29E+00	*	-4.01E-01	7.02E+00	7.34E+00	*	NA	NA	NA	*	B-1
B-6	Q3-2011	7/29/2011	10:52	6.45E+02	4.14E+02	3.38E+02	*	-2.59E-01	1.39E+00	1.79E+00	*	1.60E+00	7.74E+00	8.72E+00	*	4.72E+00	5.07E+00	7.82E+00	*	NA	NA	NA	*	B-6

Notes

1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port.
   Well IDs without a suffix are open bedrock wellbores.
2. Sampling depths within sampling intervals (location of pump intake) have been established at location of most transmissive zone to the extent possible.
3. I.L.s (Investigation Levels) are predetermined detection limits assigned to each sampling location which, if reached or exceeded, require further investigation or action. I.L.s presented here for Sr-90, CS-137, Co-60 & Ni-63 are established for 2011 based on 2010 averages. See Note #7 below for further 2011 Tritium I.L. discussion. Positive detections indicate that the the result is greater than MDC and greater than or equal to 3 times the 1 sigma uncertainty.
4. NA indicates that the constituent was not analyzed.
5. Shading indicates that the sample result exceeds the Investigation Level.
6. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.
7. To be conservative, the 2011 Tritium I.L.s were calculated using (2x the 2009 yearly average) beacuase an increased Tritium activity
7. To be conservative, the 2011 Tritium investigation levels were calculated using (2x the 2009 rolling average) due to an increased Tritium activity in multiple Unit 2 sampling intervals during 2010 in response to the transient surface spill from a temporary rental RWST/R.O. processing skid.

* Indicates storm or foundation drain sampling locations, for which investigation levels are not applicable.
** Indicates 2011 LL.s not computed for this well due to absence of 2008 through 2010 data.
*** 2011 Tritium I.L. calculated based on the 2010 rolling average due to absence of 2009 data.
**** The Post-Q3 2011 MW-58-65 preliminary Sr-90 result was 3.64 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.

See Page 2 for Notes

TABLE 4
2011 4th QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	I.L.[3,7]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	
MW-31-49	Q4-2011	11/21/2011	10:32	1.54E+04	9.78E+02	3.42E+02	4.28E+04	-3.16E-01	1.08E+00	1.45E+00	2.00E+00	0.00E+00	1.14E+01	9.96E+00	positive	-3.55E+00	9.54E+00	1.08E+01	positive	NA	NA	NA	positive	MW-31-49
MW-31-63	Q4-2011	11/21/2011	11:14	7.23E+03	9.00E+02	2.36E+02	3.99E+04	1.36E+00	1.42E+00	1.40E+00	2.00E+00	-2.72E+00	9.45E+00	1.09E+01	positive	2.93E+00	8.19E+00	1.20E+01	positive	NA	NA	NA	positive	MW-31-63
MW-31-85	Q4-2011	11/21/2011	11:25	5.49E+03	6.33E+02	3.45E+02	1.46E+04	9.56E-01	1.41E+00	1.50E+00	2.00E+00	-3.23E+00	9.21E+00	1.04E+01	positive	-6.05E-01	9.57E+00	1.22E+01	positive	NA	NA	NA	positive	MW-31-85
MW-32-59	Q4-2011	11/17/2011	14:15	2.91E+04	1.74E+03	2.26E+02	3.42E+04	-1.28E+00	1.58E+00	2.33E+00	2.00E+00	-3.91E+00	1.01E+01	1.18E+01	positive	-1.58E+00	9.84E+00	1.21E+01	positive	NA	NA	NA	positive	MW-32-59
MW-32-85	Q4-2011	11/17/2011	15:08	8.88E+03	7.65E+02	3.42E+02	1.63E+04	4.57E-01	1.56E+00	1.82E+00	2.00E+00	-1.20E+00	7.38E+00	8.80E+00	positive	-1.88E+00	9.06E+00	1.09E+01	positive	NA	NA	NA	positive	MW-32-85
MW-32-149	Q4-2011	11/17/2011	12:05	5.91E+02	3.45E+02	3.41E+02	1.00E+03	3.84E-01	1.46E+00	1.72E+00	2.00E+00	-5.25E+00	7.74E+00	7.86E+00	positive	2.57E+00	8.07E+00	1.12E+01	positive	NA	NA	NA	positive	MW-32-149
MW-32-173	Q4-2011	11/17/2011	12:01	5.06E+02	3.33E+02	3.34E+02	1.50E+03	7.83E-02	9.63E-01	1.24E+00	2.00E+00	2.87E+00	9.12E+00	1.13E+01	positive	-1.50E-01	9.93E+00	1.26E+01	positive	NA	NA	NA	positive	MW-32-173
MW-32-190	Q4-2011	11/17/2011	12:03	1.46E+03	4.05E+02	3.36E+02	4.21E+03	-7.57E-01	8.37E-01	1.41E+00	2.00E+00	1.30E+00	6.57E+00	8.59E+00	positive	-4.42E-01	6.24E+00	7.93E+00	positive	NA	NA	NA	positive	MW-32-190
MW-36-24	Q4-2011	12/7/2011	11:04	0.00E+00	4.20E+02	4.96E+02	2.56E+03	-3.36E-01	1.29E+00	1.70E+00	2.00E+00	1.75E+00	7.26E+00	9.17E+00	positive	-1.38E+00	6.00E+00	7.29E+00	positive	NA	NA	NA	positive	MW-36-24
MW-36-41	Q4-2011	12/7/2011	13:09	2.63E+03	6.51E+02	4.78E+02	2.10E+04	9.00E-01	1.71E+00	1.89E+00	7.99E+00	1.19E-02	7.17E+00	9.00E+00	positive	-5.23E-01	7.86E+00	1.01E+01	positive	NA	NA	NA	positive	MW-36-41
MW-36-52	Q4-2011	12/7/2011	11:36	4.76E+03	8.10E+02	4.91E+02	1.48E+04	5.23E+00	1.96E+00	1.24E+00	8.14E+00	2.89E+00	7.74E+00	1.01E+01	positive	5.68E+00	9.03E+00	1.31E+01	positive	NA	NA	NA	positive	MW-36-52
MW-37-22	Q4-2011	11/23/2011	11:33	4.97E+03	8.28E+02	4.96E+02	9.19E+03	8.02E+00	2.57E+00	1.38E+00	2.20E+01	2.26E+00	9.12E+00	1.19E+01	positive	-1.41E+00	7.35E+00	9.09E+00	positive	NA	NA	NA	positive	MW-37-22
MW-37-32	Q4-2011	11/23/2011	11:19	4.33E+03	7.80E+02	4.91E+02	9.32E+03	1.26E+01	3.21E+00	1.52E+00	3.54E+01	7.81E+00	9.00E+00	1.28E+01	positive	-6.59E+00	8.76E+00	8.06E+00	positive	NA	NA	NA	positive	MW-37-32
MW-37-40	Q4-2011	11/23/2011	11:46	5.22E+03	8.28E+02	4.83E+02	9.02E+03	1.50E+01	3.45E+00	1.47E+00	2.84E+01	1.06E+00	1.43E+01	7.71E+00	positive	9.11E-01	7.29E+00	1.00E+01	positive	NA	NA	NA	positive	MW-37-40
MW-37-57	Q4-2011	11/23/2011	11:22	4.87E+03	8.16E+02	4.91E+02	9.62E+03	1.88E+01	3.90E+00	1.81E+00	3.68E+01	-6.08E-01	8.28E+00	1.01E+01	positive	3.00E+00	9.12E+00	1.27E+01	positive	NA	NA	NA	positive	MW-37-57
MW-39-67	Q4-2011	12/1/2011	14:04	1.03E+03	5.13E+02	4.75E+02	1.00E+03	2.37E+00	1.90E+00	1.76E+00	3.30E+00	-3.99E+00	9.24E+00	1.02E+01	positive	-3.39E+00	8.07E+00	9.37E+00	positive	NA	NA	NA	positive	MW-39-67
MW-39-84	Q4-2011	12/1/2011	14:17	1.39E+02	4.32E+02	4.88E+02	1.00E+03	3.12E+00	2.08E+00	1.81E+00	2.10E+00	-1.59E+00	6.48E+00	7.42E+00	positive	-1.71E+00	8.82E+00	1.05E+01	positive	NA	NA	NA	positive	MW-39-84
MW-39-102	Q4-2011	12/1/2011	14:10	1.12E+03	5.25E+02	4.77E+02	1.00E+03	2.77E+00	2.06E+00	1.95E+00	8.10E+00	1.42E+00	7.68E+00	9.90E+00	positive	-2.95E+00	6.99E+00	7.97E+00	positive	NA	NA	NA	positive	MW-39-102
MW-39-124	Q4-2011	12/1/2011	11:42	1.73E+02	4.35E+02	4.89E+02	1.00E+03	-2.58E-01	1.41E+00	1.82E+00	4.50E+00	5.73E-01	7.95E+00	9.19E+00	positive	2.71E+00	7.89E+00	9.85E+00	positive	NA	NA	NA	positive	MW-39-124
MW-39-183	Q4-2011	12/1/2011	11:26	-8.23E+01	4.11E+02	4.97E+02	1.00E+03	1.34E-01	1.45E+00	1.80E+00	2.00E+00	-2.81E+00	1.34E+01	1.59E+01	positive	4.19E+00	8.16E+00	1.46E+01	positive	NA	NA	NA	positive	MW-39-183
MW-39-195	Q4-2011	12/1/2011	11:28	5.13E+03	8.28E+02	4.87E+02	1.00E+03	3.00E-01	1.46E+00	1.75E+00	2.00E+00	2.12E+00	7.98E+00	1.03E+01	positive	5.51E-01	9.48E+00	1.22E+01	positive	NA	NA	NA	positive	MW-39-195
MW-40-27	Q4-2011	12/9/2011	11:50	2.24E+01	4.20E+02	4.90E+02	1.00E+03	1.74E-01	1.46E+00	1.77E+00	2.00E+00	7.86E-01	7.02E+00	8.97E+00	positive	3.19E+00	7.14E+00	1.03E+01	positive	NA	NA	NA	positive	MW-40-27
MW-40-46	Q4-2011	12/9/2011	12:03	9.00E+01	4.17E+02	4.77E+02	1.00E+03	2.87E-01	1.62E+00	1.92E+00	2.00E+00	1.26E+00	7.41E+00	9.46E+00	positive	-9.20E-01	6.39E+00	8.16E+00	positive	NA	NA	NA	positive	MW-40-46
MW-40-81	Q4-2011	12/9/2011	10:23	-8.05E+01	4.02E+02	4.86E+02	1.00E+03	3.77E-01	1.51E+00	1.79E+00	2.00E+00	4.60E-01	2.64E+01	1.18E+01	positive	1.07E+00	1.07E+01	1.39E+01	positive	NA	NA	NA	positive	MW-40-81
MW-40-100	Q4-2011	12/9/2011	10:28	4.85E+01	4.29E+02	5.00E+02	1.00E+03	1.04E+00	1.37E+00	1.41E+00	2.00E+00	1.85E+00	7.98E+00	9.93E+00	positive	8.66E-01	7.77E+00	1.01E+01	positive	NA	NA	NA	positive	MW-40-100
MW-40-127	Q4-2011	12/9/2011	10:40	5.65E+01	4.08E+02	4.71E+02	1.00E+03	1.27E+00	1.50E+00	1.51E+00	2.00E+00	-1.26E+00	8.91E+00	1.04E+01	positive	-3.35E+00	9.18E+00	1.04E+01	positive	NA	NA	NA	positive	MW-40-127
MW-40-162	Q4-2011	12/9/2011	11:02	-2.60E+01	3.42E+02	4.06E+02	1.00E+03	6.89E-01	1.75E+00	1.95E+00	2.00E+00	1.06E+00	8.43E+00	1.07E+01	positive	-4.71E+00	1.17E+01	1.30E+01	positive	NA	NA	NA	positive	MW-40-162
MW-41-40	Q4-2011	11/28/2011	14:25	6.16E+02	5.13E+02	5.14E+02	1.00E+03	6.83E-01	1.73E+00	1.95E+00	7.28E+00	6.21E+00	8.16E+00	1.13E+01	positive	-4.82E+00	9.81E+00	1.11E+01	positive	NA	NA	NA	positive	MW-41-40
MW-41-63	Q4-2011	11/28/2011	14:08	6.41E+02	5.22E+02	5.22E+02	1.00E+03	6.76E-01	1.73E+00	1.95E+00	7.36E+00	-7.79E-01	7.20E+00	8.56E+00	positive	-9.03E-01	7.41E+00	9.17E+00	positive	NA	NA	NA	positive	MW-41-63
MW-42-49	Q4-2011	11/3/2011	11:13	1.40E+03	5.70E+02	5.00E+02	3.16E+04	8.98E-01	1.51E+00	1.65E+00	9.00E+01	3.03E+03	3.90E+02	1.29E+01	6.58E+04	-1.75E+00	7.56E+00	9.18E+00	positive	5.77E+01	1.57E+01	1.45E+01	6.74E+02	MW-42-49
MW-42-78	Q4-2011	11/3/2011	11:31	3.23E+02	4.65E+02	5.02E+02	1.00E+03	-5.46E-02	1.15E+00	1.49E+00	2.00E+00	-2.93E+00	7.32E+00	8.03E+00	positive	1.37E-01	7.74E+00	9.98E+00	positive	-2.26E+00	1.18E+01	1.35E+01	positive	MW-42-78
MW-43-28	Q4-2011	11/22/2011	11:23	1.21E+02	3.60E+02	4.05E+02	1.00E+03	1.40E+00	1.81E+00	1.95E+00	2.00E+00	-9.87E-02	5.58E+00	7.14E+00	positive	-3.96E+00	8.07E+00	8.55E+00	positive	NA	NA	NA	positive	MW-43-28
MW-43-62	Q4-2011	11/22/2011	12:22	2.01E+02	3.72E+02	4.10E+02	1.00E+03	9.55E-01	1.78E+00	1.96E+00	2.00E+00	-1.43E+01	1.42E+01	1.67E+01	positive	1.94E+00	1.06E+01	1.41E+01	positive	NA	NA	NA	positive	MW-43-62
MW-44-66	Q4-2011	12/8/2011	12:00	3.70E+02	3.84E+02	4.04E+02	1.00E+03	-8.25E-01	1.44E+00	1.94E+00	2.00E+00	1.99E+00	7.35E+00	9.30E+00	positive	2.32E+00	7.56E+00	1.04E+01	positive	NA	NA	NA	positive	MW-44-66
MW-44-102	Q4-2011	12/1/2011	12:18	1.05E+03	4.50E+02	4.07E+02	1.00E+03	-2.13E-01	1.52E+00	1.93E+00	2.00E+00	-7.91E-02	8.73E+00	1.04E+01	positive	-5.88E-01	9.33E+00	1.15E+01	positive	NA	NA	NA	positive	MW-44-102
MW-45-42	Q4-2011	11/28/2011	15:03	1.65E+03	6.27E+02	5.10E+02	5.90E+03	8.10E-01	1.75E+00	1.95E+00	2.00E+00	1.21E+00	5.94E+00	7.69E+00	positive	-2.64E+00	6.96E+00	7.84E+00	positive	NA	NA	NA	positive	MW-45-42
MW-45-61	Q4-2011	11/28/2011	11:44	2.06E+03	6.72E+02	5.16E+02	2.65E+03	4.76E-01	1.70E+00	1.97E+00	2.00E+00	3.28E-01	7.41E+00	9.39E+00	positive	-6.01E-01	9.42E+00	1.19E+01	positive	NA	NA	NA	positive	MW-45-61
MW-46	Q4-2011	10/20/2011	13:35	2.28E+03	4.68E+02	3.46E+02	1.84E+03	3.95E-01	1.30E+00	1.52E+00	2.00E+00	-4.36E+00	8.19E+00	8.94E+00	positive	-1.03E+00	8.07E+00	1.01E+01	positive	NA	NA	NA	positive	MW-46
MW-47-56	Q4-2011	10/28/2011	11:36	5.31E+03	8.52E+02	4.99E+02	**	-6.21E-01	8.79E-01	1.40E+00	**	1.34E+00	8.85E+00	1.07E+01	**	2.06E-01	1.01E+01	1.29E+01	**	-6.21E+00	1.24E+01	1.44E+01	**	MW-47-56
MW-47-80	Q4-2011	10/28/2011	13:24	9.68E+04	3.21E+03	5.07E+02	**	2.13E+00	1.58E+00	1.38E+00	**	-1.35E+00	6.54E+00	7.91E+00	**	1.21E+00	6.45E+00	8.88E+00	**	3.54E+00	1.31E+01	1.46E+01	**	MW-47-80
MW-49-26	Q4-2011	11/4/2011	11:50	4.92E+03	8.37E+02	5.06E+02	6.52E+03	1.27E+01	2.95E+00	1.25E+00	2.79E+01	2.60E+00	1.11E+01	7.92E+00	positive	5.17E+00	8.04E+00	1.17E+01	positive	-2.73E+00	1.26E+01	1.44E+01	positive	MW-49-26
MW-49-42	Q4-2011	11/4/2011	11:43	4.91E+03	8.19E+02	4.90E+02	4.97E+03	2.11E+01	3.90E+00	1.51E+00	3.72E+01	5.99E-01	1.87E+01	1.10E+01	positive	-3.91E+00	1.04E+01	1.20E+01	positive	4.27E+00	1.30E+01	1.45E+01	positive	MW-49-42
MW-49-65	Q4-2011	11/4/2011	11:47	4.24E+03	7.23E+02	4.64E+02	3.03E+03	2.02E+01	3.60E+00	1.47E+00	2.62E+01	-4.27E+00	8.88E+00	9.11E+00	positive	-6.56E-01	9.45E+00	1.15E+01	positive	7.03E-01	1.21E+01	1.36E+01	positive	MW-49-65
MW-50-42	Q4-2011	10/27/2011	10:48	9.99E+02	5.25E+02	4.92E+02	1.04E+03	3.02E+01	4.44E+00	1.54E+00	1.10E+01	1.76E+00	7.11E+00	9.22E+00	positive	-2.60E+00	8.01E+00	9.51E+00	positive	-5.76E+00	1.21E+01	1.41E+01	positive	MW-50-42
MW-50-66	Q4-2011	10/27/2011	10:53	7.83E+03	9.87E+02	4.94E+02	5.90E+03	2.66E+01	4.35E+00	1.59E+00	5.24E+01	-6.49E-01	8.64E+00	1.02E+01	positive	1.01E+01	1.01E+01	1.49E+01	positive	-4.90E+00	1.66E+01	1.92E+01	positive	MW-50-66
MW-51-40	Q4-2011	12/12/2011	10:43	1.86E+02	3.06E+02	3.28E+02	1.00E+03	-7.34E-01	1.58E+00	1.94E+00	2.00E+00	-5.53E+00	8.49E+00	9.48E+00	positive	4.82E+00	7.89E+00	1.18E+01	positive	-3.48E+00	1.39E+01	1.58E+01	positive	MW-51-40
MW-51-79	Q4-2011	12/12/2011	11:09	1.50E+02	2.95E+02	3.29E+02	1.00E+03	-1.38E-01	1.52E+00	1.90E+00	2.00E+00	-3.25E+00	7.98E+00	8.95E+00	positive	-3.01E-01	7.62E+00	9.88E+00	positive	-1.12E+00	1.13E+01	1.27E+01	positive	MW-51-79
MW-51-104	Q4-2011	12/12/2011	12:12	1.48E+02	2.91E+02	3.24E+02	1.00E+03	1.23E+00	1.76E+00	1.85E+00	2.00E+00	-3.81E+00	9.12E+00	1.01E+01	positive	9.25E+00	9.60E+00	1.43E+01	positive	-3.91E+00	1.33E+01	1.51E+01	positive	MW-51-104
MW-51-135	Q4-2011	12/12/2011	12:50	1.32E+02	2.93E+02	3.33E+02	1.00E+03	2.67E-01	1.64E+00	1.94E+00	2.00E+00	6.83E+00	9.42E+00	1.28E+01	positive	-3.73E+00	8.40E+00	9.41E+00	positive	-6.68E+00	1.18E+01	1.35E+01	positive	MW-51-135
MW-51-163	Q4-2011	12/12/2011	12:26	1.71E+02	3.03E+02	3.32E+02	1.00E+03	1.58E+00	1.81E+00	1.94E+00	2.00E+00	2.25E+00	8.94E+00	1.16E+01	positive	-8.50E-01	8.52E+00	1.08E+01	positive	-3.59E+00	1.22E+01	1.38E+01	positive	MW-51-163
MW-51-189	Q4-2011	12/12/2011	12:23	-5.57E+01	2.30E+02	3.29E+02	1.00E+03	-3.94E-01	1.43E+00	1.91E+00	2.00E+00	-4.49E+00	8.10E+00	8.53E+00	positive	1.93E+00	8.34E+00	1.13E+01	positive	-9.34E+00	1.94E+01	2.22E+01	positive	MW-51-189
MW-53-82	Q4-2011	11/2/2011	11:26	2.27E+02	4.50E+02	5.00E+02	3.83E+03	-2.42E-01	1.09E+00	1.49E+00	4.46E+00	-1.19E+00	6.78E+00	7.87E+00	positive	-6.95E-01	8.73E+00	1.07E+01	positive	-4.95E-01	1.24E+01	1.41E+01	positive	MW-53-82
MW-53-120	Q4-2011	11/2/2011	11:56	8.02E+03	9.27E+02	4.67E+02	1.05E+04	4.05E+01	5.16E+00	1.52E+00	6.60E+01	4.60E+00	8.52E+00	1.15E+01	positive	-1.89E-01	7.89E+00	1.03E+01	positive	2.58E+00	1.93E+01	2.17E+01	positive	MW-53-120
MW-54-37	Q4-2011	12/6/2011	10:37	1.40E+04	1.02E+03	3.73E+02	2.71E+03	4.48E+00	2.07E+00	1.92E+00	9.20E+00	-6.26E+00	9.72E+00	1.03E+01	positive	4.84E-01	8.94E+00	1.14E+01	positive	-5.68E+00	1.25E+01	1.43E+01	positive	MW-54-37
MW-54-58	Q4-2011	12/6/2011	10:23	4.83E+03	6.48E+02	3.70E+02	1.48E+03	1.60E+00	1.80E+00	1.91E+00	3.43E+00	9.45E-01	4.23E+00	5.14E+00	positive	1.72E+00	4.56E+00	5.85E+00	positive	2.66E+00	1.25E+01	1.40E+01	positive	MW-54-58
MW-54-123	Q4-2011	12/6/2011	10:37	3.92E+03	6.00E+02	3.71E+02	1.30E+03	1.55E+00	1.86E+00	1.95E+00	8.14E+00	-1.21E+00	4.38E+00	4.89E+00	positive	1.04E+00	5.01E+00	6.08E+00	positive	5.81E+00	1.28E+01	1.41E+01	positive	MW-54-123
MW-54-144	Q4-2011	12/6/2011	13:25	6.85E+03	7.44E+02	3.71E+02	2.64E+03	9.05E+00	2.99E+00	1.96E+00	2.53E+01	8.64E-01	5.58E+00	6.45E+00	positive	3.97E-01	5.58E+00	6.68E+00	positive	-2.77E+00	1.22E+01	1.38E+01	positive	MW-54-144
MW-54-173	Q4-2011	12/6/2011	13:26	2.32E+03	6.66E+02	3.26E+02	3.63E+03	4.72E+00	2.32E+00	1.97E+00	1.22E+01	-8.33E-01	4.83E+00	5.47E+00	positive	9.05E-01	5.19E+00	6.34E+00	positive	-2.75E+00	1.24E+01	1.41E+01	positive	MW-54-173
MW-54-190	Q4-2011	12/6/2011	13:38	8.77E+03	8.22E+02	3.68E+02	3.49E+03	1.81E+01	3.72E+00	1.90E+00	4.03E+01	5.15E-01	3.87E+00	4.56E+00	positive	1.47E+00	4.11E+00	5.26E+00	positive	3.28E+00	1.21E+01	1.34E+01	positive	MW-54-190
MW-55-24	Q4-2011	11/14/2011	11:26	2.57E+03	6.66E+02	4.98E+02	2.58E+03	2.33E+01	4.08E+00	1.56E+00	2.97E+01	0.00E+00	8.49E+00	1.07E+01	positive	3.56E+00	1.08E+01	1.50E+01	positive	-7.45E+00	1.87E+01	2.17E+01	positive	MW-55-24
MW-55-35	Q4-2011	11/14/2011	11:23	2.79E+03	6.84E+02	5.00E+02	4.38E+03	2.35E+01	3.99E+00	1.60E+00	4.26E+01	2.04E-01	7.08E+00	8.67E+00	positive	8.98E-01	8.22E+00	1.06E+01	positive	4.79E+00	1.87E+01	2.09E+01	positive	MW-55-35
MW-55-54	Q4-2011	11/14/2011	11:07	5.97E+03	8.25E+02	4.67E+02	1.28E+04	1.75E+01	3.57E+00	1.46E+00	3.93E+01	-2.66E+00	8.67E+00	1.04E+01	positive	3.60E+00	6.69E+00	1.03E+01	positive	1.62E+00	1.92E+01	2.17E+01	positive	MW-55-54
MW-56-53	Q4-2011	10/31/2011	12:13	6.15E+01	4.41E+02	5.09E+02	1.19E+03	5.82E-02	1.09E+00	1.39E+00	2.00E+00	4.08E+00	9.36E+00	1.24E+01	positive	4.41E+00	8.22E+00	1.26E+01	positive	4.96E+00	1.94E+01	2.17E+01	positive	MW-56-53
MW-56-83	Q4-2011	10/31/2011	12:00	7.25E+04	2.80E+03	5.11E+02	6.39E+03	9.41E-01	1.49E+00	1.61E+00	3.98E+00	2.19E+00	7.29E+00	9.56E+00	positive	2.43E+00	8.94E+00	1.22E+01	positive	-3.01E+00	2.14E+01	2.44E+01	positive	MW-56-83
MW-58-26	Q4-2011	11/15/2011	14:22	4.77E+03	7.29E+02	2.31E+02	1.00E+03	-4.32E-01	8.28E-01	1.25E+00	2.00E+00	1.04E+00	1.99E+01	8.90E+00	positive	2.18E+00	9.42E+00	1.24E+01	positive	NA	NA	NA	positive	MW-58-26
MW-58-65	Q4-2011	11/15/2011	14:05	1.75E+03	4.32E+02	3.42E+02	1.00E+03	3.02E-01	1.71E+00	2.03E+00	2.00E+00	-1.89E+00	8.82E+00	9.54E+00	positive	-7.70E-01	7.23E+00	8.96E+00	positive	NA	NA	NA	positive	MW-58-65
MW-60-35	Q4-2011	12/2/2011	11:21	1.74E+02	3.66E+02	4.07E+02	2.00E+03	3.94E-01	1.72E+00	1.98E+00	2.00E+00	-8.20E-01	9.33E+00	1.15E+01	positive	2.63E+00	7.86E+00	1.12E+01	positive	NA	NA	NA	positive	MW-60-35
MW-60-53	Q4-2011	12/2/2011	11:46	2.65E+02	3.30E+02	3.33E+02	2.00E+03	9.60E-02	1.69E+00	1.97E+00	2.00E+00	4.62E-01	4.68E+00	5.62E+00	positive	-9.95E-01	4.83E+00	5.65E+00	positive	NA	NA	NA	positive	MW-60-53
MW-60-72	Q4-2011	12/2/2011	10:01	3.08E+02	3.75E+02	4.01E+02	2.00E+03	8.41E-01	1.73E+00	1.93E+00	2.00E+00	-2.19E+00	6.99E+00	8.20E+00	positive	-1.72E+00	8.28E+00	1.01E+01	positive	NA	NA	NA	positive	MW-60-72
MW-60-135	Q4-2011	12/2/2011	10:10	3.05E+02	3.81E+02	4.08E+02	2.00E+03	-1.48E-01	1.62E+00	1.97E+00	2.00E+00	-1.37E-02	7.68E+00	9.43E+00	positive	2.05E+00	8.28E+00	1.13E+01	positive	NA	NA	NA	positive	MW-60-135
MW-60-154	Q4-2011	12/2/2011	10:18	6.27E+02	5.22E+02	5.23E+02	2.00E+03	-1.97E-01	1.54E+00	1.96E+00	2.00E+00	1.25E+00	9.33E+00	1.17E+01	positive	-3.69E+00	1.00E+01	1.13E+01	positive	NA	NA	NA	positive	MW-60-154
MW-60-176	Q4-2011	12/2/2011	10:27	1.30E+03	5.97E+02	5.19E+02	2.00E+03	-1.37E+00	1.41E+00	1.95E+00	2.00E+00	7.24E-01	9.60E+00	1.20E+01	positive	1.35E+00	1.01E+01	1.36E+01	positive	NA	NA	NA	positive	MW-60-176
MW-62-18	Q4-2011	10/21/2011	10:14	6.50E+02	3.54E+02	3.45E+02	2.00E+03	-1.09E+00	1.66E+00	2.27E+00	2.00E+00	-1.19E+00	6.87E+00	8.28E+00	positive	-8.37E-01	8.82E+00	1.11E+01	positive	NA	NA	NA	positive	MW-62-18
MW-62-37	Q4-2011	10/21/2011	10:02	3.74E+02	3.33E+02	3.47E+02	2.00E+03	-3.24E-01	1.60E+00	2.05E+00	2.00E+00	5.93E-01	8.19E+00	9.98E+00	positive	-1.66E+00	8.07E+00	9.72E+00	positive	NA	NA	NA	positive	MW-62-37
MW-62-53	Q4-2011	10/21/2011	10:17	4.82E+02	3.39E+02	3.42E+02	2.00E+03	-1.78E-02	1.24E+00	1.61E+00	2.00E+00	1.64E+00	6.66E+00	8.55E+00	positive	2.49E+00	7.05E+00	1.01E+01	positive	NA	NA	NA	positive	MW-62-53
MW-62-71	Q4-2011	10/21/2011	9:44	4.68E+02	3.36E+02	3.42E+02	2.00E+03	-1.43E-01	1.29E+00	1.69E+00	2.00E+00	8.75E-01	9.06E+00	1.13E+01	positive	2.06E+00	9.84E+00	1.32E+01	positive	NA	NA	NA	positive	MW-62-71
MW-62-92	Q4-2011	10/21/2011	9:42	5.51E+02	3.45E+02	3.42E+02	2.00E+03	4.45E-01	1.27E+00	1.48E+00	2.00E+00	3.18E-01	9.39E+00	1.17E+01	positive	1.88E-01	9.18E+00	1.22E+01	positive	NA	NA	NA	positive	MW-62-92
MW-62-138	Q4-2011	10/21/2011	11:29	3.01E+03	5.97E+02	2.36E+02	2.00E+03	1.24E+00	1.48E+00	1.50E+00	2.42E+00	-5.88E+00	1.01E+01	1.10E+01	positive	2.45E-01	1.03E+01	1.33E+01	positive	NA	NA	NA	positive	MW-62-138
MW-62-182	Q4-2011	10/21/2011	11:37	6.88E+02	3.42E+02	3.27E+02	2.00E+03	-2.48E-01	1.45E+00	1.90E+00	2.00E+00	-4.81E+00	1.22E+01	1.34E+01	positive	-1.67E+00	1.06E+01	1.27E+01	positive	NA	NA	NA	positive	MW-62-182
MW-63-18	Q4-2011	10/18/2011	11:34	2.59E+02	2.34E+02	2.20E+02	2.00E+03	1.26E+00	1.74E+00	1.83E+00	2.00E+00	1.31E+00	8.28E+00	1.07E+01	positive	1.72E+00	1.09E+01	1.44E+01	positive	NA	NA	NA	positive	MW-63-18
MW-63-34	Q4-2011	10/18/2011	11:39	4.30E+02	3.36E+02	3.46E+02	2.00E+03	-4.71E-01	1.27E+00	1.78E+00	2.00E+00	-3.77E+00	8.31E+00	9.14E+00	positive	2.21E+00	7.62E+00	1.11E+01	positive	NA	NA	NA	positive	MW-63-34
MW-63-50	Q4-2011	10/18/2011	13:55	3.14E+02	3.63E+02	3.85E+02	2.00E+03	4.62E-01	1.68E+00	1.94E+00	2.00

TABLE 4
2011 4th QUARTER
GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERTY CENTER
BUCHANAN, NY

Well ID[1]	SAMPLE ID	SAMPLE COLLECTION		ANALYSIS RESULTS[4,5]																Well ID
				TRITIUM (pCi/L)				Sr-90 (pCi/L)				Cs-137 (pCi/L)				Co-60 (pCi/L)				Ni-63 (pCi/L)				
		Date	Time	Result	Std. Dev.[6]	MDC	I.L.[3,7]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	Result	Std. Dev.[6]	MDC	I.L.[3]	
MW-67-105	Q4-2011	11/29/2011	14:10	1.89E+03	5.94E+02	4.78E+02	3.92E+03	1.13E+00	1.74E+00	1.90E+00	4.38E+00	-1.36E+00	8.73E+00	1.01E+01	positive	-1.41E+00	8.73E+00	1.04E+01	positive	3.65E+00	1.97E+01	2.20E+01	positive	MW-67-105
MW-67-173	Q4-2011	11/29/2011	14:23	5.88E+02	4.74E+02	4.78E+02	1.61E+03	1.13E+00	1.62E+00	1.76E+00	2.00E+00	-1.48E+00	9.87E+00	1.14E+01	positive	-1.48E+00	1.08E+01	1.30E+01	positive	7.39E+00	1.18E+01	1.29E+01	positive	MW-67-173
MW-67-219	Q4-2011	11/29/2011	10:41	1.20E+03	4.92E+02	4.45E+02	2.26E+03	3.14E-01	1.42E+00	1.63E+00	2.00E+00	-1.12E+01	1.14E+01	1.19E+01	positive	1.99E+00	7.65E+00	1.12E+01	positive	1.02E+01	1.13E+01	1.23E+01	positive	MW-67-219
MW-67-276	Q4-2011	11/29/2011	10:57	1.06E+03	5.25E+02	4.84E+02	2.01E+03	1.99E-01	1.70E+00	1.95E+00	2.00E+00	-2.95E+00	1.01E+01	1.19E+01	positive	-7.14E-01	8.82E+00	1.11E+01	positive	6.48E+00	1.19E+01	1.31E+01	positive	MW-67-276
MW-67-323	Q4-2011	11/29/2011	10:57	3.62E+02	4.56E+02	4.86E+02	1.00E+03	7.61E-01	1.71E+00	1.91E+00	2.00E+00	-3.91E+00	9.81E+00	1.15E+01	positive	1.58E+00	5.43E+00	8.36E+00	positive	1.66E+01	2.34E+01	2.56E+01	positive	MW-67-323
MW-67-340	Q4-2011	11/29/2011	10:46	5.62E+02	4.68E+02	4.76E+02	1.01E+03	-5.80E-01	1.53E+00	1.87E+00	2.00E+00	-7.65E+00	7.53E+00	7.09E+00	positive	1.23E+00	8.85E+00	1.14E+01	positive	1.70E+00	1.06E+01	1.17E+01	positive	MW-67-340
MW-111	Q4-2011	11/11/2011	11:30	1.11E+04	1.42E+03	3.31E+02	6.15E+04	1.09E+00	1.53E+00	1.62E+00	2.90E+00	-2.01E-01	7.11E+00	8.62E+00	1.36E+01	2.75E+00	8.97E+00	1.21E+01	positive	NA	NA	NA	positive	MW-111
I-2	Q4-2011	12/8/2011	14:15	-3.49E+01	3.45E+02	4.09E+02	1.00E+03***	-2.39E-01	1.56E+00	1.92E+00	2.00E+00	-2.35E+00	8.76E+00	1.00E+01	positive	-2.12E+00	8.46E+00	1.04E+01	positive	NA	NA	NA	positive	I-2
U3-4S	Q4-2011	11/16/2011	11:28	7.52E+02	4.41E+02	3.32E+02	1.00E+03***	9.35E-01	1.38E+00	1.47E+00	2.00E+00	-2.06E+00	9.27E+00	1.12E+01	positive	1.63E+00	7.80E+00	1.08E+01	positive	NA	NA	NA	positive	U3-4S
U3-4D	Q4-2011	11/16/2011	12:56	3.50E+02	3.63E+02	3.81E+02	1.00E+03	3.17E-01	1.38E+00	1.64E+00	2.00E+00	-9.88E-01	8.82E+00	1.07E+01	positive	-9.21E-01	9.27E+00	1.17E+01	positive	NA	NA	NA	positive	U3-4D
U3-T1	Q4-2011	10/19/2011	11:39	7.69E+02	4.05E+02	3.84E+02	1.00E+03	1.59E-01	1.19E+00	1.45E+00	2.00E+00	-3.93E-01	9.51E+00	1.17E+01	positive	2.12E-01	9.12E+00	1.17E+01	positive	NA	NA	NA	positive	U3-T1
U3-T2	Q4-2011	10/19/2011	10:20	2.98E+03	7.62E+02	3.28E+02	2.08E+03	-8.79E-02	1.15E+00	1.47E+00	2.00E+00	-4.88E+00	1.02E+01	1.09E+01	positive	-5.13E+00	1.12E+01	1.23E+01	positive	NA	NA	NA	positive	U3-T2
U1-CSS	Q4-2011	10/27/2011	13:02	1.70E+03	5.64E+02	4.77E+02	5.17E+03	7.82E-01	1.28E+00	1.39E+00	2.08E+01	-2.80E+00	8.07E+00	8.99E+00	positive	1.05E+00	7.08E+00	9.69E+00	positive	-8.01E+00	1.78E+01	2.07E+01	positive	U1-CSS
U1-NCD	Q4-2011	10/3/2011	13:20	1.13E+04	1.03E+03	3.35E+02	*	1.58E+01	3.72E+00	1.74E+00	*	5.92E+03	8.04E+02	1.43E+01	*	1.93E+00	7.20E+00	9.97E+00	*	1.36E+02	2.21E+01	1.86E+01	*	U1-NCD
U1-NCD	Q4-2011	12/26/2011	12:45	2.32E+03	5.13E+02	3.74E+02	*	1.49E+01	5.52E+00	3.33E+00	*	7.73E+03	9.75E+02	1.84E+01	*	-1.01E+00	9.48E+00	1.17E+01	*	1.96E+02	2.79E+01	1.88E+01	*	U1-NCD
U1-SFDS	Q4-2011	10/5/2011	9:00	2.02E+03	5.01E+02	3.35E+02	*	5.54E+00	2.53E+00	1.97E+00	*	4.27E+00	9.96E+00	1.25E+01	*	-6.39E+00	8.94E+00	9.49E+00	*	2.06E+01	1.87E+01	2.00E+01	*	U1-SFDS
U1-SFDS	Q4-2011	12/28/2011	8:19	1.10E+02	3.21E+02	3.61E+02	*	2.66E+00	2.22E+00	2.08E+00	*	-3.38E+00	9.87E+00	1.13E+01	*	3.75E-01	1.02E+01	1.33E+01	*	-4.44E+00	1.47E+01	1.73E+01	*	U1-SFDS
B-6	Q4-2011	10/20/2011	12:01	1.70E+02	3.48E+02	3.87E+02	*	-1.65E-01	1.57E+00	1.98E+00	*	-3.07E+00	7.65E+00	8.33E+00	*	1.53E+00	8.34E+00	1.10E+01	*	NA	NA	NA	*	B-6
MH-5 VCFD	Q4-2011	10/17/2011	10:07	1.48E+04	1.09E+03	3.86E+02	*	-5.57E-01	1.17E+00	1.65E+00	*	1.51E+00	7.68E+00	9.98E+00	*	-2.77E+00	7.92E+00	9.24E+00	*	NA	NA	NA	*	MH-5 VCFD
MH-5 VCFD	Q4-2011	10/31/2011	14:20	2.40E+04	1.37E+03	3.89E+02	*	1.06E+00	1.72E+00	1.87E+00	*	5.56E+00	1.15E+01	1.61E+01	*	3.37E-01	1.09E+01	1.53E+01	*	NA	NA	NA	*	MH-5 VCFD
LAF-002	Q4-2011	12/13/2011	10:31	6.96E+01	4.14E+02	4.79E+02	positive	1.65E+00	1.67E+00	1.75E+00	positive	-3.83E+00	9.48E+00	1.11E+01	positive	5.21E+00	8.73E+00	1.29E+01	positive	6.36E+00	1.11E+01	1.22E+01	positive	LAF-002

Notes

1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. Sampling depths within sampling intervals (location of pump intake) have been established at location of most transmissive zone to the extent possible.
3. I.L.s (Investigation Levels) are predetermined detection limits assigned to each sampling location which, if reached or exceeded, require further investigation or action. I.L.s presented here for Sr-90, CS-137, Co-60 & Ni-63 are established for 2011 based on 2010 averages. See Note #7 below for further 2011 Tritium I.L. discussion. Positive detections indicate that the the result is greater than MDC and greater than or equal to 3 times the 1 sigma uncertainty.
4. NA indicates that the constituent was not analyzed.
5. Shading indicates that the sample result exceeds the Investigation Level.
6. Column designated as "Std. Dev." provides the three times 1 sigma uncertainty values.
7. To be conservative, the 2011 Tritium I.L.s were calculated using (2x the 2009 yearly average) beacuase an increased Tritium activity in multiple Unit 2 sampling intervals was observed during 2010 in response to the transient surface spill from a temporary rental RWST/R.O. processing skid.

* Indicates storm or foundation drain sampling locations, for which investigation levels are not applicable.
** Indicates 2011 I.L.s not computed for this well due to absence of 2008 through 2010 data.
*** 2011 Tritium I.L. calculated based on the 2010 rolling average due to absence of 2009 data.

See Page 2 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-30-69	004	69.3	6.4	8/18/2006	14:45	2.20E+05	4.20E+03	1.10E+03	8.14E-01	1.40E+00	1.52E+00	-7.33E+00	1.40E+01	1.41E+01	3.91E+00	1.51E+01	1.78E+01	NA	NA	NA	MW-30-69
	005	69.3	6.4	11/29/2006	10:45	1.06E+05	1.86E+03	5.30E+02	2.50E+00	8.40E-01	8.10E-01	3.13E+03	3.30E+01	5.00E+00	1.20E+00	2.28E+00	2.50E+00	1.15E+01	1.26E+01	1.40E+01	
	006	69.3	6.4	1/16/2007	14:05	8.17E+04	8.73E+03	6.34E+02	-1.60E-01	1.47E+00	1.60E+00	0.00E+00	2.10E+00	2.40E+00	-4.30E-01	2.07E+00	2.50E+00	7.07E+00	1.94E+01	2.20E+01	
	007	69.3	6.4	6/12/2007	10:20	2.97E+05	8.73E+03	6.34E+02	-2.63E-01	4.19E-01	6.45E-01	3.93E-01	3.75E+00	4.09E+00	6.88E-02	4.08E+00	3.94E+00	NA	NA	NA	
	008	69.3	6.4	7/18/2007	9:55	8.21E+04	2.46E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	010	69.3	6.4	8/1/2007	11:44	1.03E+05	3.09E+03	6.40E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	011	69.3	6.4	8/8/2007	10:00	9.96E+04	2.99E+03	6.32E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	012	69.3	6.4	8/15/2007	11:00	2.33E+05	6.99E+03	6.33E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	013	69.3	6.4	8/21/2007	9:45	1.07E+05	3.21E+03	7.05E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	014	69.3	6.4	8/30/2007	11:32	9.80E+04	2.94E+03	7.03E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	015	69.3	6.4	9/19/2007	11:00	9.20E+04	2.76E+03	7.02E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	016	69.3	6.4	10/23/2007	11:48	1.32E+05	3.90E+03	4.24E+02	2.52E-01	6.16E-01	7.12E-01	2.42E+00	5.76E+00	4.45E+00	-5.09E-01	3.66E+00	3.86E+00	NA	NA	NA	
	017	69.3	6.4	2/4/2008	13:00	1.87E+05	5.51E+03	3.95E+02	1.57E-01	6.98E-01	8.57E-01	1.26E+00	3.05E+00	3.56E+00	-6.00E-01	3.63E+00	3.28E+00	NA	NA	NA	
	018	69.3	6.4	5/6/2008	11:00	1.53E+05	3.01E+03	4.06E+02	3.34E-01	3.98E-01	6.71E-01	4.94E-01	1.83E+00	3.21E+00	-5.70E-01	1.71E+00	2.73E+00	NA	NA	NA	
	019	69.3	6.4	6/6/2008	11:01	7.36E+04	2.02E+03	5.06E+02	2.02E-01	3.20E-01	5.59E-01	-9.82E-01	2.10E+00	3.27E+00	4.91E-01	2.24E+00	3.85E+00	NA	NA	NA	
	020	69.3	6.4	8/5/2008	11:22	1.99E+05	3.92E+03	4.95E+02	2.09E-01	3.07E-01	5.34E-01	-1.57E-01	1.42E+00	2.38E+00	1.11E+00	1.28E+00	2.33E+00	NA	NA	NA	
	021	69.3	6.4	9/3/2008	11:29	8.53E+04	2.03E+03	5.50E+02	-3.12E-01	5.12E-01	9.72E-01	-1.89E+00	2.22E+00	3.36E+00	NA	NA	NA	NA	NA	NA	
	022	69.3	6.4	11/7/2008	10:27	9.55E+04	2.85E+03	3.06E+02	4.09E-01	5.53E-01	6.01E-01	7.83E-01	3.09E+00	3.66E+00	-1.07E-01	2.65E+00	2.85E+00	NA	NA	NA	
	023	69.3	6.4	1/30/2009	11:00	1.07E+05	2.51E+03	1.98E+02	-8.74E-02	7.58E-01	9.73E-01	-1.13E+00	2.61E+00	2.66E+00	1.06E+00	2.70E+00	3.24E+00	NA	NA	NA	
	024	69.3	6.4	4/27/2009	10:27	1.00E+05	3.65E+03	4.02E+02	-1.54E-01	4.28E-01	6.01E-01	1.49E+00	7.11E+00	4.74E+00	-2.78E-01	4.19E+00	4.60E+00	NA	NA	NA	
	025	69.3	6.4	6/1/2009	12:02	8.20E+04	3.21E+03	3.77E+02	3.12E-01	5.63E-01	6.32E-01	2.16E+00	9.80E+00	6.53E+00	8.26E-01	6.47E+00	7.42E+00	NA	NA	NA	
	026	69.3	6.4	8/6/2009	12:16	1.64E+05	4.77E+03	2.96E+02	6.79E-02	6.10E-01	7.41E-01	-2.09E+00	8.32E+00	7.30E+00	-2.07E+00	9.44E+00	9.70E+00	NA	NA	NA	
	027	69.3	6.4	9/12/2009	10:45	9.91E+04	2.91E+03	2.67E+02	-3.43E-02	6.45E-01	8.50E-01	-9.52E-01	5.52E+00	6.11E+00	4.45E+00	6.13E+00	7.88E+00	NA	NA	NA	
	028	69.3	6.4	11/9/2009	11:21	9.01E+04	2.63E+03	1.78E+02	-4.26E-01	6.63E-01	8.14E-01	-1.87E-01	5.47E+00	6.20E+00	-2.47E-01	6.03E+00	6.76E+00	NA	NA	NA	
	029	69.3	6.4	1/27/2010	11:30	1.25E+05	3.99E+03	6.15E+02	3.42E-02	7.18E-01	8.83E-01	-3.23E-01	3.36E+00	3.68E+00	2.05E-01	3.17E+00	3.57E+00	NA	NA	NA	
	030	69.3	6.4	2/24/2010	12:35	1.36E+05	2.01E+03	2.05E+02	-7.42E-02	3.54E-01	5.00E-01	6.84E-01	3.79E+00	4.26E+00	-1.38E+00	3.65E+00	3.73E+00	NA	NA	NA	
	031	69.3	6.4	4/29/2010	12:55	1.61E+05	4.67E+03	2.78E+02	-1.31E-01	7.56E-01	9.40E-01	-2.29E+00	5.33E+00	5.59E+00	2.06E+00	5.37E+00	6.58E+00	NA	NA	NA	
	032	69.3	6.4	6/8/2010	12:32	1.52E+05	4.49E+03	4.80E+02	2.56E-01	4.79E-01	5.40E-01	-1.20E+00	6.55E+00	7.22E+00	-1.72E-01	5.45E+00	5.99E+00	NA	NA	NA	
	033	69.3	6.4	7/28/2010	12:33	1.28E+05	3.72E+03	1.80E+02	9.14E-02	5.26E-01	6.35E-01	-5.08E-01	9.69E+00	1.09E+01	1.67E+00	7.46E+00	9.20E+00	NA	NA	NA	
	034	69.3	6.4	8/20/2010	15:08	1.11E+05	3.24E+03	2.02E+02	3.53E-01	7.80E-01	9.08E-01	-3.14E+00	5.22E+00	5.12E+00	-2.41E+00	5.25E+00	5.03E+00	NA	NA	NA	
	035	69.3	6.4	9/8/2010	12:35	1.23E+05	3.65E+03	4.47E+02	1.93E-01	4.41E-01	5.14E-01	-1.10E+00	4.42E+00	4.87E+00	1.40E+00	4.72E+00	5.73E+00	NA	NA	NA	
	036	69.3	6.4	11/5/2010	11:56	1.25E+05	1.88E+03	4.34E+02	9.69E-01	8.79E-01	1.94E+00	-3.68E+00	3.94E+00	7.79E+00	-5.01E+00	5.09E+00	9.47E+00	NA	NA	NA	
	037	69.3	6.4	2/9/2011	12:17	1.01E+05	2.18E+03	2.98E+02	1.62E+00	1.93E+00	2.00E+00	1.87E+00	5.80E+00	6.74E+00	-1.13E-01	5.88E+00	6.44E+00	NA	NA	NA	
	038	69.3	6.4	3/31/2011	11:38	1.08E+05	3.40E+03	4.72E+02	-6.11E-01	1.63E+00	2.15E+00	2.48E+00	7.96E+00	9.14E+00	-1.41E+00	6.70E+00	6.46E+00	NA	NA	NA	
	039	69.3	6.4	5/5/2011	12:08	1.13E+05	3.48E+03	3.99E+02	2.40E+00	1.37E+00	1.23E+00	2.46E+00	8.92E+00	1.03E+01	2.21E+00	9.58E+00	1.16E+01	NA	NA	NA	
	040	69.3	6.4	7/11/2011	12:05	1.19E+05	4.23E+03	2.83E+02	-6.14E-02	7.62E-01	1.00E+00	3.56E+00	1.07E+01	1.24E+01	2.40E+00	1.19E+01	1.40E+01	NA	NA	NA	
	041	69.3	6.4	8/9/2011	10:49	1.14E+05	3.45E+03	4.22E+02	1.02E+00	1.76E+00	1.92E+00	-7.63E-01	1.03E+01	1.15E+01	-2.42E+00	8.58E+00	8.50E+00	NA	NA	NA	
	042	69.3	6.4	11/30/2011	11:20	9.12E+04	3.06E+03	4.87E+02	-4.56E-01	1.51E+00	1.96E+00	1.95E+00	7.71E+00	9.97E+00	2.82E+00	7.41E+00	1.11E+01	NA	NA	NA	
MW-30-84	001	83.8	-8.1	8/22/2006	13:15	1.25E+04	2.43E+03	1.61E+03	-1.60E-01	9.82E-01	1.13E+00	1.88E+00	1.09E+01	1.24E+01	-2.52E+00	1.00E+01	1.03E+01	NA	NA	NA	MW-30-84
	002	83.8	-8.1	11/29/2006	14:30	1.01E+04	1.59E+03	1.10E+03	-9.40E-01	7.80E-01	8.70E-01	2.94E+02	1.68E+01	5.00E+00	-3.00E-01	3.90E+00	4.80E+00	4.10E+00	1.17E+01	1.30E+01	
	003	83.8	-8.1	1/17/2007	9:45	7.33E+03	7.50E+02	5.30E+02	4.80E-01	1.50E+00	1.60E+00	1.18E+00	2.61E+00	2.90E+00	0.00E+00	2.91E+00	3.40E+00	NA	NA	NA	
	004	83.8	-8.1	6/12/2007	10:19	7.79E+03	9.47E+02	4.42E+02	-1.49E-01	4.44E-01	6.41E-01	-1.06E+00	2.29E+00	2.41E+00	-6.93E-01	2.38E+00	2.54E+00	-3.57E+00	1.74E+01	2.03E+01	
	005	83.8	-8.1	7/18/2007	10:25	4.80E+03	7.20E+02	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	006	83.8	-8.1	7/25/2007	13:00	5.02E+03	4.49E+02	2.43E+02	1.56E-01	3.09E-01	3.48E-01	2.83E+00	3.38E+00	2.84E+00	2.03E+00	2.91E+00	3.57E+00	NA	NA	NA	
	007	83.8	-8.1	10/23/2007	12:49	4.27E+03	7.38E+02	4.03E+02	5.95E-01	5.53E-01	5.59E-01	1.56E+00	2.81E+00	3.38E+00	-1.17E+00	3.72E+00	3.27E+00	NA	NA	NA	
	008	83.8	-8.1	2/4/2008	14:16	4.34E+03	2.61E+02	1.32E+02	-4.08E-01	4.55E-01	7.47E-01	-1.00E+00	2.55E+00	2.73E+00	-4.32E-01	2.97E+00	2.79E+00	NA	NA	NA	
	009	83.8	-8.1	5/6/2008	13:40	4.18E+03	2.83E+02	2.20E+02	3.26E-01	3.86E-01	6.51E-01	4.43E-01	2.37E+00	4.00E+00	-1.91E+00	2.53E+00	3.69E+00	NA	NA	NA	
	010	83.8	-8.1	6/6/2008	12:10	3.85E+03	5.33E+02	5.04E+02	1.54E-01	2.46E-01	4.34E-01	-8.97E-01	2.16E+00	3.57E+00	2.05E+00	2.31E+00	4.29E+00	NA	NA	NA	
	020	83.8	-8.1	8/5/2008	14:40	4.31E+03	2.28E+02	1.94E+02	2.77E-01	2.86E-01	4.67E-01	-1.87E-01	1.44E+00	2.35E+00	-1.04E-01	2.12E+00	2.66E+00	NA	NA	NA	
	021	83.8	-8.1	9/3/2008	11:59	3.78E+03	5.13E+02	5.35E+02	-4.62E-02	4.61E-01	9.06E-01	-3.02E-01	1.73E+00	2.89E+02	NA	NA	NA	NA	NA	NA	
	013	83.8	-8.1	11/7/2008	10:50	5.25E+03	3.23E+02	1.64E+02	1.07E-02	5.75E-01	7.61E-01	6.64E-01	4.63E+00	5.37E+00	2.13E+00	5.34E+00	6.53E+00	NA	NA	NA	
	014	83.8	-8.1	1/30/2009	11:21	4.69E+03	5.48E+02	1.99E+02	9.38E-02	5.97E-01	7.19E-01	8.97E+00	4.34E+00	3.02E+00	-8.43E-02	3.39E+00	3.81E+00	NA	NA	NA	
	015	83.8	-8.1	4/27/2009	14:30	5.34E+03	9.08E+02	4.11E+02	-1.19E-01	4.70E-01	6.29E-01	1.13E+00	6.54E+00	4.36E+00	1.33E+00	3.72E+00	4.50E+00	NA	NA	NA	
	016	83.8	-8.1	6/1/2009	13:25	5.83E+03	9.02E+02	3.76E+02	1.34E-01	7.19E-01	8.22E-01	3.90E-01	1.01E+01	6.75E+00	8.79E-02	6.06E+00	6.80E+00	NA	NA	NA	
	017	83.8	-8.1	8/6/2009	12:38	7.76E+03	5.03E+02	1.60E+02	6.08E-02	7.47E-01	9.19E-01	1.88E+00	4.82E+00	5.65E+00	-5.55E+00	6.12E+00	4.95E+00	NA	NA	NA	
	018	83.8	-8.1	9/12/2009	12:22	6.75E+03	3.89E+02	1.53E+02	-6.42E-02	7.28E-01	8.91E-01	1.76E+00	9.09E+00	5.02E+00	-7.70E-01	5.29E+00	5.82E+00	NA	NA	NA	
	019	83.8	-8.1	11/9/2009	12:27	6.27E+03	3.36E+02	9.70E+01	8.84E-02	7.33E-01	8.42E-01	2.06E-01	5.92E+00	6.74E+00	-3.17E+00	5.33E+00	4.98E+00	NA	NA	NA	
	020	83.8	-8.1	1/27/2010	12:15	6.60E+03	1.07E+03	6.37E+02	-1.64E-01	2.43E-01	4.02E-01	3.93E-01	3.06E+00	3.41E+00	-8.46E-01	3.03E+00	3.19E+00	NA	NA	NA	
	021	83.8	-8.1	2/24/2010	12:44	6.94E+03	3.63E+02	1.68E+02	1.30E-01	4.23E-01	5.06E-01	1.17E+00	4.58E+00	5.35E+00	9.09E-01	4.74E+00	5.54E+00	NA	NA	NA	
	022	83.8	-8.1	4/29/2010	13:46	9.56E+03	5.40E+02	1.48E+02	4.08E-01	8.33E-01	9.56E-01	-3.84E-01	5.71E+00	6.36E+00	2.19E+00	5.36E+00	6.57E+00	NA	NA	NA	
	023	83.8	-8.1	6/8/2010	12:19	9.40E+03	4.37E+02	2.14E+02	2.01E-01	4.85E-01	5.52E-01	7.20E-01	5.49E+00	6.21E+00	-4.01E+00	6.36E+00	6.10E+00	NA	NA	NA	
	024	83.8	-8.1	7/28/2010	13:07	9.26E+03	5.09E+02	1.01E+02	4.48E-01	7.63E-01	8.52E-01	-1.46E+00	9.30E+00	1.02E+01	-3.03E-01	9.79E+00	1.08E+01	NA	NA	NA	
	025	83.8	-8.1	8/20/2010	16:51	1.00E+04	5.57E+02	1.29E+02	5.65E-01	8.70E-01	9.53E-01	3.22E+00	6.27E+00	7.54E+00	-3.97E+00	6.69E+00	6.20E+00	NA	NA	NA	
	026	83.8	-8.1	9/8/2010	13:14	1.01E+04	4.32E+02	2.10E+02	3.18E-01	6.20E-01	7.05E-01	-1.48E+00	6.18E+00	6.74E+00	-4.19E-01	7.65E+00	8.58E+00	NA	NA	NA	
	027	83.8	-8.1	11/5/2010	12:35	1.02E+04	4.80E+02	3.87E+02	5.25E-01	7.56E-01	1.70E+00	-3.07E+00	4.23E+00	8.38E+00	-5.22E+00	4.86E+00	8.20E+00	NA	NA	NA	
	028	83.8	-8.1	2/9/2011	12:57	9.20E+03	8.86E+02	3.79E+02	1.12E+00	1.82E+00	1.98E+00	5.89E-01	4.74E+00	5.22E+00	1.09E+00	5.76E+00	6.49E+00	NA	NA	NA	
	029	83.8	-8.1	3/31/2011	12:03	9.04E+03	1.06E+03	4.74E+02	-4.78E-01	1.66E+00	2.13E+00	5.00E-01	1.12E+01	1.21E+01	-3.04E+00	9.48E+00	9.12E+00	NA	NA	NA	
	030	83.8	-8.1	5/5/2011	12:58	7.57E+03	9.46E+02	3.92E+02	1.64E-01	1.15E+00	1.40E+00	3.00E+00	8.04E+00	9.35E+00	4.65E-02	7.14E+00	7.76E+00	NA	NA	NA	
	031	83.8	-8.1	7/11/2011	12:45	7.55E+03	1.08E+03	2.82E+02	-3.75E-01	9.75E-01	1.29E+00	2.17E-01	7.89E+00	8.89E+00	1.39E+01	1.16E+01	1.59E+01	NA	NA	NA	
	032	83.8	-8.1	8/9/2011	11:16	7.06E+03	7.05E+02	3.54E+02	-1.22E+00	1.28E+00	1.92E+00	-1.67E+00	7.08E+00	7.43E+00	-3.28E+00	9.63E+00	9.46E+00	NA	NA	NA	
	033	83.8	-8.1	11/30/2011	11:37	7.24E+03	9.39E+02	4.80E+02	5.31E-02	1.45E+00	1.81E+00	-1.63E+00	9.48E+00	1.09E+01	-1.64E+00	1.05E+01	1.26E+01	NA	NA	NA	
MW-31-49	001	48.8	26.8	11/27/2006	11:45	2.98E+02	1.74E+02	1.70E+02	0.00E+00	1.29E+00	1.40E+00	NA	NA	NA	1.30E+00	3.60E+00	4.00E+00	1.42E+02	1.65E+02	1.80E+02	MW-31-49
	002	48.8	26.8	1/18/2007	9:13	1.20E+03	5.70E+02	5.30E+02	3.00E-01	1.62E+00	1.80E+00	NA	NA	NA	-2.10E+00	8.10E+00	9.50E+00	NA	NA	NA	
	003	48.8	26.8	6/12/2007	14:24	1.48E+03	5.24E+02	4.37E+02	-1.51E-01	5.49E-01	7.52E-01	1.83E-01	2.12E+00	2.35E+00	1.26E-01	2.01E+00	2.26E+00	0.00E+00	1.11E+01	1.29E+01	
	004	48.8	26.8	8/2/2007	10:23	1.19E+04	1.27E+03	5.43E+02	-5.17E-01	7.89E-01	9.55E-01	8.83E+01	1.35E+01	3.31E+00	1.80E-01	3.63E+00	4.11E+00	NA	NA	NA	
	005	48.8	26.8	9/11/2007	13:10	6.98E+03	3.27E+02	1.59E+02	-2.26E-01	4.23E-01	6.01E-01	-1.20E+00	3.04E+00	3.24E+00	0.00E+00	4.96E+00	4.75E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-31-49	006	48.8	26.8	10/24/2007	15:50	8.77E+03	9.99E+02	4.00E+02	5.14E-02	4.26E-01	5.36E-01	-6.76E-01	3.94E+00	3.57E+00	1.35E+00	3.21E+00	3.52E+00	NA	NA	NA	MW-31-49
	007	48.8	26.8	1/16/2008	10:31	3.97E+02	1.94E+02	1.77E+02	-9.14E-02	6.86E-01	8.97E-01	-1.17E+00	4.74E+00	5.07E+00	-9.76E-01	4.41E+00	4.65E+00	NA	NA	NA	
	009	48.8	26.8	6/6/2008	15:05	3.04E+04	1.34E+03	4.69E+02	2.83E-01	3.39E-01	5.72E-01	1.11E+00	1.93E+00	3.47E+00	1.72E+00	2.01E+00	3.82E+00	NA	NA	NA	
	010	48.8	26.8	8/7/2008	12:43	5.94E+02	1.33E+02	1.92E+02	2.39E-01	2.67E-01	4.43E-01	7.07E-01	1.30E+00	2.23E+00	7.08E-01	1.49E+00	2.56E+00	NA	NA	NA	
	011	48.8	26.8	8/30/2008	11:55	1.36E+04	8.61E+02	5.53E+02	4.16E-01	4.80E-01	8.06E-01	1.27E+00	3.63E+00	3.09E+00	NA	NA	NA	NA	NA	NA	
	012	48.8	26.8	10/30/2008	11:30	6.43E+02	2.25E+02	1.71E+02	7.64E-02	1.71E-01	1.93E-01	1.39E+00	6.27E+00	7.25E+00	-9.09E-01	6.40E+00	6.88E+00	NA	NA	NA	
	013	48.8	26.8	11/18/2008	11:15	7.77E+02	1.79E+02	1.62E+02	4.11E-01	6.30E-01	6.97E-01	1.21E+00	4.18E+00	5.03E+00	9.78E-01	4.93E+00	5.84E+00	NA	NA	NA	
	014	48.8	26.8	2/6/2009	11:05	1.11E+04	7.86E+02	1.99E+02	1.18E-01	3.00E-01	3.57E-01	-1.67E-01	2.97E+00	3.35E+00	-4.61E-01	2.85E+00	3.14E+00	NA	NA	NA	
	015	48.8	26.8	4/14/2009	10:36	4.84E+04	1.42E+03	1.56E+02	4.85E-01	5.63E-01	5.97E-01	-5.81E-01	6.18E+00	4.12E+00	1.44E+00	3.90E+00	4.67E+00	NA	NA	NA	
	016	48.8	26.8	5/29/2009	11:42	9.34E+03	1.12E+03	3.77E+02	5.72E-01	5.75E-01	6.24E-01	-7.86E-01	9.50E+00	6.33E+00	-1.48E+00	6.63E+00	7.11E+00	NA	NA	NA	
	017	48.8	26.8	7/21/2009	11:53	7.36E+02	2.61E+02	2.27E+02	1.91E-01	5.01E-01	5.96E-01	-1.36E+00	3.38E+00	3.60E+00	1.04E+00	3.92E+00	4.66E+00	NA	NA	NA	
	019	48.8	26.8	9/14/2009	11:13	3.14E+04	9.35E+02	1.70E+02	-3.21E-02	7.29E-01	9.36E-01	-1.97E+00	5.31E+00	5.51E+00	3.23E+00	4.71E+00	6.12E+00	NA	NA	NA	
	020	48.8	26.8	10/22/2009	12:58	4.58E+04	8.63E+02	1.63E+02	5.63E-01	8.72E-01	9.67E-01	2.29E-01	6.17E+00	6.84E+00	-4.70E-01	6.15E+00	6.61E+00	NA	NA	NA	
	021	48.8	26.8	1/26/2010	12:07	4.46E+02	1.35E+02	1.12E+02	1.88E-01	7.59E-01	9.05E-01	-4.18E-01	5.33E+00	4.07E+00	-1.34E+00	3.84E+00	3.99E+00	NA	NA	NA	
	022	48.8	26.8	3/5/2010	11:30	4.89E+02	1.71E+02	1.69E+02	1.47E-02	3.51E-01	4.50E-01	-4.63E-01	4.53E+00	5.10E+00	1.18E+00	4.83E+00	5.71E+00	NA	NA	NA	
	023	48.8	26.8	4/14/2010	10:42	1.16E+04	3.90E+02	1.00E+02	1.18E-01	4.62E-01	5.72E-01	-2.95E+00	8.54E+00	9.00E+00	9.25E-03	8.91E+00	9.95E+00	NA	NA	NA	
	024	48.8	26.8	6/7/2010	11:30	1.73E+04	5.79E+02	2.22E+02	3.41E-01	7.95E-01	9.18E-01	-3.80E+00	7.42E+00	7.51E+00	1.82E+00	6.72E+00	8.03E+00	NA	NA	NA	
	025	48.8	26.8	7/27/2010	14:43	5.46E+04	1.59E+03	1.21E+02	3.05E-01	4.71E-01	5.22E-01	2.74E+00	1.17E+01	1.40E+01	2.23E+00	8.03E+00	9.96E+00	NA	NA	NA	
	026	48.8	26.8	8/23/2010	12:11	4.11E+03	3.56E+02	1.23E+02	1.62E-01	7.89E-01	9.57E-01	-1.21E+00	5.42E+00	5.91E+00	-3.35E-02	5.19E+00	5.80E+00	NA	NA	NA	
	027	48.8	26.8	9/7/2010	13:49	1.04E+05	3.02E+03	1.68E+02	-1.15E-01	2.82E-01	4.23E-01	3.35E+00	5.52E+00	6.68E+00	2.16E+00	5.97E+00	7.20E+00	NA	NA	NA	
	028	48.8	26.8	11/3/2010	11:55	3.35E+04	9.81E+02	1.15E+02	-3.04E-02	4.26E-01	5.51E-01	-2.82E+00	8.51E+00	8.97E+00	2.22E+00	8.87E+00	1.06E+01	NA	NA	NA	
	029	48.8	26.8	2/9/2011	13:12	1.06E+03	3.40E+02	2.98E+02	-5.51E-01	1.76E+00	2.14E+00	1.39E+00	5.22E+00	6.02E+00	4.84E-01	5.26E+00	5.91E+00	NA	NA	NA	
	030	48.8	26.8	3/30/2011	12:33	4.31E+03	7.84E+02	4.65E+02	1.77E+00	2.04E+00	2.16E+00	-2.34E+00	7.80E+00	8.17E+00	-5.38E-01	9.18E+00	1.00E+01	NA	NA	NA	
	031	48.8	26.8	4/18/2011	12:53	1.08E+03	5.20E+02	4.66E+02	4.98E-01	1.81E+00	2.09E+00	-1.82E+00	8.82E+00	9.22E+00	6.17E+00	8.70E+00	1.13E+01	NA	NA	NA	
	033	48.8	26.8	8/5/2011	10:47	4.98E+03	7.80E+02	4.16E+02	-2.63E-02	1.34E+00	1.58E+00	6.39E+00	8.76E+00	1.10E+01	5.20E-01	1.06E+01	1.16E+01	NA	NA	NA	
	034	48.8	26.8	11/21/2011	10:32	1.54E+04	9.78E+02	3.42E+02	-3.16E-01	1.08E+00	1.45E+00	0.00E+00	1.14E+01	9.96E+00	-3.55E+00	9.54E+00	1.08E+01	NA	NA	NA	
MW-31-63	001	63.3	12.3	11/27/2006	12:10	6.89E+03	1.44E+03	1.10E+03	5.30E-01	1.26E+00	1.40E+00	1.99E+02	9.60E+00	3.60E+00	6.80E-01	2.94E+00	3.40E+00	4.10E+01	1.17E+02	1.30E+02	MW-31-63
	002	63.3	12.3	1/18/2007	9:25	1.41E+04	9.00E+02	5.20E+02	-6.50E-01	1.50E+00	1.70E+00	-4.00E-01	3.00E+00	3.50E+00	-4.50E-01	2.91E+00	3.50E+00	NA	NA	NA	
	003	63.3	12.3	6/12/2007	14:20	5.00E+03	7.85E+02	4.38E+02	4.72E-01	6.36E-01	6.78E-01	-5.01E-01	1.92E+00	2.09E+00	-8.78E-02	1.97E+00	2.20E+00	3.37E+00	1.89E+01	2.17E+01	
	004	63.3	12.3	8/2/2007	11:15	4.06E+04	2.27E+03	5.53E+02	-1.41E-01	7.84E-01	9.53E-01	1.20E+00	3.56E+00	4.18E+00	-3.09E-02	4.41E+00	4.23E+00	NA	NA	NA	
	005	63.3	12.3	9/11/2007	13:25	3.77E+04	1.13E+03	2.20E+02	-1.37E-01	4.52E-01	6.15E-01	-4.39E-01	3.51E+00	3.80E+00	-8.64E-01	3.92E+00	3.44E+00	NA	NA	NA	
	006	63.3	12.3	10/24/2007	14:55	3.58E+04	1.94E+03	4.00E+02	-1.63E-01	4.58E-01	6.34E-01	1.07E+00	5.31E+00	4.01E+00	1.01E+00	3.40E+00	4.11E+00	NA	NA	NA	
	007	63.3	12.3	1/16/2008	11:32	1.24E+04	7.35E+02	1.80E+02	-6.88E-02	5.34E-01	7.44E-01	-2.49E-01	4.04E+00	4.40E+00	-9.08E-01	4.19E+00	4.32E+00	NA	NA	NA	
	009	63.3	12.3	6/6/2008	16:16	1.02E+04	7.92E+02	5.04E+02	1.44E-01	3.40E-01	6.17E-01	-1.15E+00	2.11E+00	3.36E+00	2.47E+00	2.31E+00	4.45E+00	NA	NA	NA	
	010	63.3	12.3	8/7/2008	11:22	1.76E+04	4.17E+02	1.94E+02	-2.12E-01	2.61E-01	5.89E-01	-1.86E-01	1.28E+00	2.16E+00	3.73E-01	1.43E+00	2.49E+00	NA	NA	NA	
	011	63.3	12.3	8/30/2008	12:34	2.21E+04	1.07E+03	5.49E+02	-6.34E-01	4.35E-01	9.79E-01	3.76E-01	2.35E+00	4.04E+00	NA	NA	NA	NA	NA	NA	
	012	63.3	12.3	10/30/2008	12:14	2.30E+04	1.08E+03	1.73E+02	2.28E-01	2.33E-01	2.52E-01	2.21E+00	6.18E+00	7.37E+00	-1.47E+00	7.26E+00	7.77E+00	NA	NA	NA	
	013	63.3	12.3	11/18/2008	11:58	2.55E+04	8.07E+02	1.84E+02	3.95E-01	7.40E-01	8.36E-01	1.02E-02	5.89E+00	6.01E+00	-5.18E-01	6.54E+00	6.97E+00	NA	NA	NA	
	014	63.3	12.3	2/6/2009	11:53	1.28E+04	8.39E+02	1.97E+02	6.43E-01	6.42E-01	6.82E-01	-1.32E+00	3.42E+00	3.63E+00	-7.48E-01	3.86E+00	4.17E+00	NA	NA	NA	
	015	63.3	12.3	4/14/2009	12:07	3.24E+04	1.10E+03	1.48E+02	2.95E-01	6.81E-01	7.75E-01	1.76E+00	6.68E+00	4.45E+00	2.23E+00	3.87E+00	4.79E+00	NA	NA	NA	
	016	63.3	12.3	5/29/2009	12:34	3.16E+04	9.51E+02	1.95E+02	5.59E-01	5.58E-01	6.07E-01	1.79E+00	1.07E+01	7.12E+00	7.44E-01	6.45E+00	7.35E+00	NA	NA	NA	
	017	63.3	12.3	7/21/2009	12:50	1.45E+04	8.28E+02	2.31E+02	1.95E-01	7.52E-01	9.11E-01	3.48E-01	3.90E+00	4.37E+00	-1.56E+00	3.88E+00	3.75E+00	NA	NA	NA	
	018	63.3	12.3	9/1/2009	10:50	1.41E+04	5.09E+02	2.13E+02	1.51E-01	3.55E-01	4.13E-01	-1.38E+00	6.76E+00	6.17E+00	6.92E-01	5.01E+00	5.74E+00	NA	NA	NA	
	019	63.3	12.3	9/14/2009	12:45	1.41E+04	5.48E+02	1.55E+02	8.11E-01	8.72E-01	9.25E-01	-1.96E+00	4.75E+00	5.05E+00	-1.40E+00	5.87E+00	6.29E+00	NA	NA	NA	
	020	63.3	12.3	10/22/2009	13:20	2.00E+04	5.85E+02	1.67E+02	1.10E+00	7.45E-01	7.37E-01	1.92E-01	5.92E+00	6.75E+00	2.27E+00	6.42E+00	7.79E+00	NA	NA	NA	
	021	63.3	12.3	1/26/2010	13:08	3.36E+04	2.21E+03	6.66E+02	5.46E-01	8.55E-01	9.50E-01	1.63E+00	3.12E+00	3.68E+00	-1.56E+00	3.36E+00	3.52E+00	NA	NA	NA	
	022	63.3	12.3	3/5/2010	12:17	7.35E+04	1.11E+03	1.72E+02	1.20E-01	3.38E-01	4.02E-01	2.57E+00	4.49E+00	5.38E+00	-3.85E+00	4.62E+00	4.24E+00	NA	NA	NA	
	023	63.3	12.3	4/14/2010	13:05	1.84E+04	5.46E+02	1.08E+02	-1.50E-01	4.43E-01	6.61E-01	-4.58E+00	9.18E+00	9.12E+00	2.75E-01	9.97E+00	1.12E+01	NA	NA	NA	
	024	63.3	12.3	6/7/2010	12:19	5.11E+04	1.53E+03	2.93E+02	3.68E-01	8.04E-01	9.11E-01	2.95E+00	5.94E+00	7.20E+00	9.47E-01	6.12E+00	7.09E+00	NA	NA	NA	
	025	63.3	12.3	7/27/2010	15:54	6.17E+04	1.80E+03	1.27E+02	5.31E-01	6.45E-01	6.89E-01	-1.81E+00	8.27E+00	8.91E+00	1.22E+00	7.33E+00	8.70E+00	NA	NA	NA	
	026	63.3	12.3	8/23/2010	13:11	6.69E+04	1.95E+03	1.60E+02	4.60E-01	7.62E-01	8.48E-01	1.77E+00	6.11E+00	7.13E+00	-1.67E+00	6.17E+00	6.44E+00	NA	NA	NA	
	027	63.3	12.3	9/7/2010	15:28	4.65E+04	1.41E+03	1.46E+02	3.99E-01	7.26E-01	8.18E-01	4.05E-01	4.75E+00	5.31E+00	-1.47E+00	5.45E+00	5.56E+00	NA	NA	NA	
	028	63.3	12.3	11/3/2010	12:32	2.95E+04	9.02E+02	1.14E+02	3.31E-01	6.30E-01	7.13E-01	-2.24E+00	9.63E+00	1.02E+01	3.44E+00	8.40E+00	1.07E+01	NA	NA	NA	
	029	63.3	12.3	2/9/2011	13:14	2.46E+04	1.10E+03	2.98E+02	4.29E-01	1.78E+00	2.08E+00	-1.42E+00	6.46E+00	6.81E+00	-2.31E+00	6.42E+00	6.26E+00	NA	NA	NA	
	030	63.3	12.3	3/30/2011	13:13	1.33E+04	1.14E+03	4.53E+02	1.49E+00	1.87E+00	2.02E+00	8.76E-01	9.00E+00	9.97E+00	-1.92E-01	7.26E+00	7.92E+00	NA	NA	NA	
	031	63.3	12.3	4/18/2011	13:21	1.81E+04	1.45E+03	4.67E+02	7.26E-01	1.84E+00	2.08E+00	-3.10E-01	7.62E+00	8.46E+00	1.76E+00	8.74E+00	1.03E+01	NA	NA	NA	
	033	63.3	12.3	8/5/2011	11:29	1.63E+04	1.31E+03	4.18E+02	-1.30E-01	1.71E+00	2.02E+00	-2.83E-01	9.87E+00	1.12E+01	2.13E+00	9.24E+00	1.08E+01	NA	NA	NA	
	034	63.3	12.3	11/21/2011	11:14	7.23E+03	9.00E+02	2.36E+02	1.36E+00	1.42E+00	1.40E+00	-2.72E+00	9.45E+00	1.09E+01	2.93E+00	8.19E+00	1.20E+01	NA	NA	NA	
MW-31-85	001	84.8	-9.2	11/27/2006	12:20	4.62E+02	1.74E+02	1.70E+02	1.50E-01	1.44E+00	1.60E+00	1.52E+02	8.40E+00	3.20E+00	2.10E-01	2.19E+00	2.50E+00	2.20E+01	9.30E+01	1.00E+02	MW-31-85
	002	84.8	-9.2	1/18/2007	9:16	2.66E+03	6.00E+02	5.20E+02	-5.90E-01	1.59E+00	1.80E+00	-4.90E+00	8.70E+00	1.00E+01	-6.00E-01	8.70E+00	1.00E+01	8.35E+00	2.11E+01	2.39E+01	
	003	84.8	-9.2	6/12/2007	14:05	3.17E+02	1.62E+02	1.69E+02	-3.83E-01	6.62E-01	9.31E-01	3.95E-01	2.76E+00	1.91E+00	-5.71E-01	1.69E+00	1.83E+00	NA	NA	NA	
	004	84.8	-9.2	8/2/2007	10:58	2.69E+03	7.11E+02	5.31E+02	-7.29E-01	6.31E-01	9.31E-01	-5.01E-02	3.29E+00	3.59E+00	-1.90E+00	3.35E+00	3.31E+00	NA	NA	NA	
	005	84.8	-9.2	9/11/2007	13:20	4.32E+03	3.32E+02	1.82E+02	6.86E-01	7.48E-01	7.93E-01	-7.04E-01	3.04E+00	3.26E+00	-3.07E+00	3.68E+00	3.24E+00	NA	NA	NA	
	006	84.8	-9.2	10/24/2007	14:40	5.51E+03	8.15E+02	3.98E+02	2.53E-01	4.08E-01	4.51E-01	5.68E-01	2.90E+00	3.38E+00	4.76E-01	2.75E+00	3.19E+00	NA	NA	NA	
	007	84.8	-9.2	1/16/2008	11:26	1.31E+03	2.81E+02	1.84E+02	6.97E-01	7.67E-01	7.79E-01	2.68E+00	4.05E+00	4.83E+00	1.90E+00	3.80E+00	4.62E+00	NA	NA	NA	
	009	84.8	-9.2	6/6/2008	15:26	5.95E+03	6.30E+02	5.05E+02	1.52E-01	3.17E-01	5.69E-01	-8.07E-01	2.20E+00	3.45E+00	1.91E+00	2.45E+00	4.58E+00	NA	NA	NA	
	010	84.8	-9.2	8/7/2008	11:13	2.30E+03	1.83E+02	1.94E+02	1.07E-01	2.87E-01	5.30E-01	-6.47E-01	1.22E+00	1.94E+00	1.63E-02	1.31E+00	2.18E+00	NA	NA	NA	
	011	84.8	-9.2	8/30/2008	12:08	8.34E+03	7.00E+02	5.52E+02	4.46E-01	4.87E-01	8.10E-01	-5.50E-01	1.86E+00	3.07E+00	NA	NA	NA	NA	NA	NA	
	012	84.8	-9.2	10/30/2008	12:09	3.89E+03	4.52E+02	1.67E+02	4.08E-01	7.33E-01	8.25E-01	-5.63E+00	6.17E+00	4.73E+00	-4.82E+00	6.98E+00	6.56E+00	NA	NA	NA	
	013	84.8	-9.2	11/18/2008	12:00	4.41E+03	2.97E+02	1.61E+02	-2.44E-01	5.37E-01	8.11E-01	2.13E+00	3.79E+00	4.76E+00	2.84E+00	3.82E+00	5.19E+00	NA	NA	NA	
	014	84.8	-9.2	2/6/2009	11:22	7.37E+03	6.54E+02	2.02E+02	3.89E-01	5.58E-01	6.16E-01	1.22E+00	3.50E+00	4.06E+00	1.09E+00	3.57E+00	4.23E+00	NA	NA	NA	
	015	84.8	-9.2	4/14/2009	11:41	1.88E+04	8.49E+02	1.50E+02	5.35E-01	7.01E-01	7.64E-01	-6.49E-01	5.24E+00	3.49E+00	1.11E+00	3.50E+00	4.14E+00	NA	NA	NA	
	016	84.8	-9.2	5/29/2009	12:50	8.85E+03	1.09E+03	3.75E+02	1.84E-01	8.01E-01	9.30E-01	8.20E-01	1.04E+01	6.95E+00	6.97E-01	6.57E+00	7.51E+00	NA	NA	NA	
	017	84.8	-9.2	7/21/2009	12:13	2.96E+03	4.10E+02	2.29E+02	-2.28E-01	5.61E-01	8.08E-01	-2.54E+00	5.04E+00	4.22E+00	2.26E+00	3.71E+00	4.75E+00	NA	NA	NA	
	018	84.8	-9.2	9/1/2009	10:52	3.52E+03	3.00E+02	2.12E+02	4.12E-01	6.15E-01	6.81E-01	-8.48E-01	4.46E+00	4.89E+00	-5.30E-03	6.12E+00	6.86E+00	NA	NA	NA	
	019	84.8	-9.2	9/14/2009	12:05	5.14E+03	3.48E+02	1.56E+02	-4.43E-01	4.92E-01	8.14E-01	-1.68E-01	4.96E+00	5.62E+00	-2.91E-01	5.13E+00	5.72E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-31-85	020	84.8	-9.2	10/22/2009	12:54	4.50E+03	3.06E+02	1.67E+02	5.53E-01	6.67E-01	7.18E-01	3.27E-01	6.72E+00	6.89E+00	1.12E+00	6.11E+00	7.07E+00	NA	NA	NA	MW-31-85
	021	84.8	-9.2	1/26/2010	12:08	2.25E+04	1.83E+03	6.64E+02	-3.53E-01	7.18E-01	9.43E-01	5.22E-01	2.96E+00	3.33E+00	1.51E+00	2.96E+00	3.49E+00	NA	NA	NA	
	022	84.8	-9.2	3/5/2010	11:49	2.69E+03	2.52E+02	1.68E+02	1.39E-01	3.31E-01	3.88E-01	1.93E+00	4.34E+00	5.05E+00	4.48E-01	4.46E+00	5.01E+00	NA	NA	NA	
	023	84.8	-9.2	4/14/2010	12:09	4.85E+03	2.60E+02	9.99E+01	-1.42E-01	4.23E-01	6.36E-01	3.84E+00	6.90E+00	8.60E+00	1.40E-01	6.13E+00	6.84E+00	NA	NA	NA	
	024	84.8	-9.2	6/7/2010	12:00	9.34E+03	4.35E+02	2.13E+02	3.29E-01	5.73E-01	6.43E-01	2.30E+00	4.86E+00	5.78E+00	-1.07E+00	4.70E+00	4.81E+00	NA	NA	NA	
	025	84.8	-9.2	7/27/2010	15:22	6.70E+03	4.34E+02	1.00E+02	3.55E-01	4.72E-01	5.04E-01	-3.98E+00	8.82E+00	9.22E+00	2.50E+00	8.43E+00	9.93E+00	NA	NA	NA	
	026	84.8	-9.2	8/23/2010	12:10	5.07E+03	3.96E+02	1.25E+02	6.61E-03	7.89E-01	9.16E-01	3.42E+00	4.95E+00	6.08E+00	1.52E+00	4.77E+00	5.71E+00	NA	NA	NA	
	027	84.8	-9.2	9/7/2010	14:14	6.21E+03	5.24E+02	1.44E+02	-3.25E-01	4.45E-01	6.85E-01	-1.54E+00	5.68E+00	6.11E+00	2.71E+00	6.42E+00	7.79E+00	NA	NA	NA	
	028	84.8	-9.2	11/3/2010	12:00	6.06E+03	4.16E+02	1.14E+02	2.41E-01	4.83E-01	5.47E-01	-1.36E+00	8.88E+00	9.62E+00	-2.66E-01	1.08E+01	1.19E+01	NA	NA	NA	
	029	84.8	-9.2	2/9/2011	13:03	4.83E+03	6.84E+02	3.82E+02	3.26E-01	1.79E+00	2.18E+00	3.19E+00	5.96E+00	7.08E+00	3.14E+00	6.06E+00	7.39E+00	NA	NA	NA	
	030	84.8	-9.2	3/30/2011	12:55	7.75E+02	4.66E+02	4.52E+02	9.37E-01	1.81E+00	2.00E+00	5.90E+00	1.31E+01	8.10E+00	6.43E+00	8.88E+00	1.17E+01	NA	NA	NA	
	031	84.8	-9.2	4/18/2011	13:18	3.08E+03	6.96E+02	4.66E+02	-1.09E+00	1.46E+00	2.09E+00	-4.50E+00	9.34E+00	9.19E+00	3.84E+00	1.01E+01	1.22E+01	NA	NA	NA	
	033	84.8	-9.2	8/5/2011	11:27	4.82E+03	7.74E+02	4.22E+02	1.39E-01	1.40E+00	1.63E+00	-8.79E-01	8.25E+00	8.80E+00	-4.79E+00	9.57E+00	8.27E+00	NA	NA	NA	
	034	84.8	-9.2	11/21/2011	11:25	5.49E+03	6.33E+02	3.45E+02	9.56E-01	1.41E+00	1.50E+00	-3.23E+00	9.21E+00	1.04E+01	-6.05E-01	9.57E+00	1.22E+01	NA	NA	NA	
MW-32-48	005	NA	NA	3/4/2010	13:16	4.52E+04	7.44E+02	1.68E+02	1.02E-01	7.47E-01	9.27E-01	-1.65E-01	3.88E+00	4.41E+00	-5.57E-01	4.11E+00	4.54E+00	NA	NA	NA	MW-32-48
	006	NA	NA	4/28/2010	11:28	6.18E+04	1.80E+03	1.79E+02	7.51E-01	8.02E-01	8.21E-01	3.11E+00	7.80E+00	7.62E+00	1.38E+00	6.18E+00	7.26E+00	NA	NA	NA	
	007	NA	NA	7/27/2010	12:52	3.69E+03	3.26E+02	9.94E+01	3.59E-01	8.37E-01	9.60E-01	1.54E-01	7.00E+00	8.04E+00	-3.86E+00	7.74E+00	7.51E+00	NA	NA	NA	
	008	NA	NA	8/24/2010	14:03	5.90E+03	3.51E+02	2.10E+02	3.55E-01	6.33E-01	7.09E-01	-4.34E-01	4.49E+00	5.04E+00	1.96E+00	4.95E+00	5.95E+00	NA	NA	NA	
MW-32-59	001	58.8	18.3	1/19/2007	9:30	7.67E+03	7.50E+02	5.20E+02	6.30E-01	1.47E+00	1.60E+00	-8.60E-01	1.98E+00	2.30E+00	4.90E-01	2.28E+00	2.60E+00	NA	NA	NA	MW-32-59
	002	58.8	18.3	6/28/2007	14:25	2.40E+04	7.37E+02	1.97E+02	-1.65E-01	5.90E-01	7.97E-01	-1.74E+00	3.51E+00	3.30E+00	-1.42E+00	3.87E+00	3.34E+00	NA	NA	NA	
	003	58.8	18.3	8/13/2007	13:07	1.42E+04	6.00E+02	1.99E+02	-2.71E-01	5.58E-01	7.58E-01	1.48E+00	2.10E+00	3.22E+00	-4.66E-01	3.30E+00	3.65E+00	NA	NA	NA	
	001	58.8	18.3	10/26/2007	12:07	1.11E+04	4.61E+02	1.84E+02	3.22E-01	6.43E-01	7.36E-01	-1.94E-01	3.82E+00	3.87E+00	2.45E+00	3.06E+00	4.08E+00	NA	NA	NA	
	002	58.8	18.3	1/18/2008	13:25	1.87E+04	9.11E+02	1.86E+02	4.67E-01	6.96E-01	7.57E-01	9.98E-01	4.25E+00	4.79E+00	1.99E+00	3.81E+00	4.65E+00	NA	NA	NA	
	003	58.8	18.3	5/5/2008	15:33	4.15E+03	2.01E+02	1.82E+02	7.61E-02	5.20E-01	9.70E-01	-7.05E-01	1.89E+00	3.05E+00	1.25E+00	2.01E+00	3.77E+00	NA	NA	NA	
	004	58.8	18.3	6/9/2008	12:10	2.85E+03	4.81E+02	5.06E+02	-3.39E-01	3.64E-01	7.61E-01	-1.22E+00	1.94E+00	2.98E+00	-7.10E-01	2.43E+00	3.91E+00	NA	NA	NA	
	005	58.8	18.3	7/31/2008	13:23	1.54E+03	1.63E+02	1.94E+02	1.72E-01	3.81E-01	6.90E-01	4.66E-01	1.97E+00	3.33E+00	-1.08E+00	2.48E+00	3.26E+00	NA	NA	NA	
	006	58.8	18.3	9/2/2008	13:52	2.44E+03	4.59E+02	5.53E+02	2.19E-01	5.54E-01	9.94E-01	7.77E-01	1.85E+00	3.21E+00	NA	NA	NA	NA	NA	NA	
	007	58.8	18.3	10/24/2008	13:59	4.13E+02	2.00E+02	1.73E+02	1.63E-01	6.06E-01	7.44E-01	-3.50E-01	7.51E+00	7.30E+00	-1.32E+00	6.29E+00	6.66E+00	NA	NA	NA	
	008	58.8	18.3	2/4/2009	15:46	1.78E+04	1.03E+03	1.98E+02	-1.01E-01	5.73E-01	7.69E-01	1.01E-01	3.54E+00	3.41E+00	2.70E+00	3.41E+00	4.34E+00	NA	NA	NA	
	009	58.8	18.3	4/27/2009	15:54	6.43E+04	3.00E+03	4.23E+02	4.22E-01	6.15E-01	6.76E-01	-3.21E+00	4.83E+00	3.22E+00	-5.75E-02	3.60E+00	4.11E+00	NA	NA	NA	
	010	58.8	18.3	6/2/2009	13:59	6.69E+03	9.60E+02	3.77E+02	3.26E-01	4.73E-01	5.25E-01	-1.72E-01	9.62E+00	6.41E+00	-7.66E-01	5.63E+00	6.03E+00	NA	NA	NA	
	011	58.8	18.3	8/3/2009	15:04	8.85E+02	2.07E+02	1.55E+02	1.87E-02	6.37E-01	7.81E-01	1.61E-01	5.47E+00	6.24E+00	9.57E-01	5.47E+00	6.44E+00	NA	NA	NA	
	012	58.8	18.3	8/31/2009	13:24	1.86E+04	5.93E+02	2.16E+02	1.76E-02	3.29E-01	4.26E-01	4.57E-02	4.61E+00	5.09E+00	-2.25E+00	5.87E+00	5.60E+00	NA	NA	NA	
	013	58.8	18.3	9/15/2009	14:33	5.92E+03	3.69E+02	1.55E+02	-4.42E-01	6.95E-01	9.02E-01	1.35E+00	4.70E+00	5.40E+00	-1.17E-01	5.10E+00	5.67E+00	NA	NA	NA	
	014	58.8	18.3	10/22/2009	13:37	5.61E+03	3.33E+02	1.66E+02	-5.42E-01	6.48E-01	9.80E-01	5.15E-01	5.36E+00	6.05E+00	-3.05E+00	7.18E+00	7.04E+00	NA	NA	NA	
	015	58.8	18.3	1/28/2010	14:01	8.92E+04	3.45E+03	6.39E+02	4.07E-02	3.15E-01	4.04E-01	1.02E+00	4.07E+00	4.72E+00	3.06E+00	3.93E+00	4.92E+00	NA	NA	NA	
	016	58.8	18.3	3/4/2010	13:23	8.81E+04	1.03E+03	1.67E+02	1.51E-01	6.31E-01	7.80E-01	6.65E-01	5.36E+00	4.46E+00	-1.40E+00	5.22E+00	4.34E+00	NA	NA	NA	
	017	58.8	18.3	4/28/2010	11:30	6.83E+04	2.00E+03	1.88E+02	-3.10E-01	3.61E-01	6.30E-01	4.95E+00	4.86E+00	6.21E+00	1.55E+00	4.86E+00	5.81E+00	NA	NA	NA	
	018	58.8	18.3	6/9/2010	14:53	1.55E+05	4.58E+03	4.89E+02	4.10E-01	7.75E-01	8.75E-01	-9.71E-01	6.12E+00	6.76E+00	1.48E+00	6.66E+00	7.93E+00	NA	NA	NA	
	019	58.8	18.3	7/27/2010	13:00	6.54E+04	1.91E+03	1.33E+02	1.50E-01	4.37E-01	5.21E-01	1.07E+00	1.02E+01	1.14E+01	3.80E+00	9.26E+00	1.21E+01	NA	NA	NA	
	020	58.8	18.3	8/24/2010	14:22	5.78E+03	3.48E+02	2.10E+02	-9.82E-02	6.14E-01	8.32E-01	3.21E+00	5.84E+00	7.14E+00	-2.01E+00	6.60E+00	6.75E+00	NA	NA	NA	
	021	58.8	18.3	9/9/2010	13:57	7.44E+04	2.18E+03	1.67E+02	4.21E-01	7.20E-01	8.03E-01	1.68E+00	5.43E+00	6.39E+00	-1.58E+00	5.38E+00	5.54E+00	NA	NA	NA	
	022	58.8	18.3	11/3/2010	12:08	1.58E+04	6.66E+02	1.16E+02	2.02E-01	6.15E-01	7.14E-01	6.67E+00	7.98E+00	1.03E+01	1.19E+00	9.11E+00	1.06E+01	NA	NA	NA	
	023	58.8	18.3	3/1/2011	11:28	4.39E+03	6.42E+02	3.59E+02	1.25E+00	1.49E+00	1.55E+00	6.56E-01	5.82E+00	6.63E+00	-4.41E-01	7.00E+00	7.58E+00	NA	NA	NA	
	024	58.8	18.3	3/31/2011	12:46	3.37E+04	1.96E+03	5.07E+02	-2.13E-01	1.15E+00	1.51E+00	8.24E-01	8.92E+00	9.96E+00	1.99E-02	1.02E+01	1.11E+01	NA	NA	NA	
	025	58.8	18.3	4/27/2011	12:26	3.31E+03	6.36E+02	4.08E+02	4.03E-01	1.50E+00	1.74E+00	4.77E+00	8.64E+00	1.04E+01	-3.37E+00	9.58E+00	9.50E+00	NA	NA	NA	
	027	58.8	18.3	8/5/2011	12:30	2.06E+04	1.47E+03	4.19E+02	1.64E+00	1.66E+00	1.71E+00	-3.73E+00	8.34E+00	8.04E+00	-1.05E+00	8.79E+00	9.24E+00	NA	NA	NA	
	028	58.8	18.3	11/17/2011	14:15	2.91E+04	1.74E+03	2.26E+02	-1.28E+00	1.58E+00	2.33E+00	-3.91E+00	1.01E+01	1.18E+01	-1.58E+00	9.84E+00	1.21E+01	NA	NA	NA	
MW-32-85	001	85.3	85.3	1/19/2007	9:40	1.12E+04	8.40E+02	5.30E+02	3.20E-01	1.47E+00	1.60E+00	1.57E+00	2.82E+00	3.10E+00	9.00E-01	4.20E+00	4.80E+00	NA	NA	NA	MW-32-85
	002	85.3	85.3	6/28/2007	15:05	5.42E+03	3.77E+02	1.95E+02	-4.15E-01	5.10E-01	6.75E-01	-1.70E-01	2.77E+00	3.03E+00	-3.05E-01	3.19E+00	3.21E+00	NA	NA	NA	
	003	85.3	85.3	8/13/2007	10:48	5.70E+03	4.05E+02	2.01E+02	-2.45E-02	4.47E-01	5.75E-01	3.28E-01	2.81E+00	3.15E+00	9.90E-01	2.98E+00	3.53E+00	NA	NA	NA	
	004	85.3	85.3	10/26/2007	11:12	1.26E+04	4.79E+02	1.79E+02	-1.17E-01	4.27E-01	6.25E-01	8.85E-01	2.97E+00	3.45E+00	-1.85E-02	3.23E+00	3.63E+00	NA	NA	NA	
	005	85.3	85.3	1/18/2008	14:50	1.07E+04	6.90E+02	1.83E+02	-3.03E-01	4.38E-01	7.35E-01	3.57E-01	2.64E+00	2.67E+00	-5.37E-01	1.97E+00	2.13E+00	NA	NA	NA	
	006	85.3	85.3	5/5/2008	14:10	8.36E+03	2.64E+02	1.81E+02	-6.65E-02	3.89E-01	7.59E-01	1.95E+00	2.16E+00	3.96E+00	-3.64E-01	2.06E+00	3.27E+00	NA	NA	NA	
	007	85.3	85.3	6/9/2008	12:25	1.11E+04	8.21E+02	5.04E+02	-9.56E-02	3.57E-01	7.12E-01	1.39E+00	2.01E+00	3.68E+00	-5.47E-01	2.04E+00	3.34E+00	NA	NA	NA	
	008	85.3	85.3	7/31/2008	14:35	7.48E+03	2.83E+02	1.93E+02	1.16E-01	3.35E-01	6.24E-01	2.14E-01	2.06E+00	3.50E+00	1.07E+00	1.88E+00	3.43E+00	NA	NA	NA	
	009	85.3	85.3	9/2/2008	14:40	8.05E+03	6.90E+02	5.52E+02	1.42E-01	4.15E-01	7.65E-01	-1.37E+00	2.45E+00	3.52E+00	NA	NA	NA	NA	NA	NA	
	010	85.3	85.3	10/24/2008	14:50	8.62E+03	6.66E+02	1.72E+02	1.13E-01	4.56E-01	5.68E-01	1.39E+00	5.78E+00	6.62E+00	3.08E+00	5.89E+00	7.32E+00	NA	NA	NA	
	011	85.3	85.3	2/4/2009	15:49	6.54E+03	6.38E+02	1.98E+02	5.26E-01	7.76E-01	8.50E-01	4.88E-01	2.85E+00	3.31E+00	2.27E+00	3.20E+00	4.15E+00	NA	NA	NA	
	012	85.3	85.3	4/27/2009	15:34	8.87E+03	1.17E+03	4.31E+02	1.21E-01	5.33E-01	6.47E-01	-2.07E+00	6.11E+00	4.07E+00	1.69E+00	4.08E+00	4.90E+00	NA	NA	NA	
	013	85.3	85.3	6/2/2009	15:11	8.07E+03	1.04E+03	3.76E+02	-1.55E-01	6.47E-01	7.60E-01	-1.73E+00	1.30E+01	8.65E+00	8.98E-01	8.75E+00	9.91E+00	NA	NA	NA	
	015	85.3	85.3	8/31/2009	14:11	8.98E+03	4.22E+02	2.14E+02	4.28E-02	7.57E-01	9.24E-01	8.15E-01	5.03E+00	5.69E+00	-4.97E+00	5.84E+00	5.36E+00	NA	NA	NA	
	016	85.3	85.3	9/15/2009	15:06	7.70E+03	4.17E+02	1.57E+02	1.08E-01	6.03E-01	7.16E-01	2.26E+00	4.83E+00	5.66E+00	-4.65E+00	5.54E+00	5.03E+00	NA	NA	NA	
	017	85.3	85.3	10/22/2009	13:53	7.80E+03	3.83E+02	1.66E+02	1.01E-02	4.27E-01	5.44E-01	1.58E+00	1.11E+01	5.84E+00	-2.02E+00	6.51E+00	6.87E+00	NA	NA	NA	
	018	85.3	85.3	1/28/2010	14:38	8.03E+03	1.11E+03	4.26E+02	6.86E-01	8.28E-01	8.91E-01	2.21E+00	3.65E+00	4.30E+00	2.29E+00	3.27E+00	4.05E+00	NA	NA	NA	
	019	85.3	85.3	3/4/2010	14:44	9.31E+03	3.62E+02	1.68E+02	-2.46E-01	4.71E-01	7.01E-01	3.62E-01	3.45E+00	3.85E+00	-1.26E+00	3.88E+00	4.04E+00	NA	NA	NA	
	020	85.3	85.3	4/28/2010	13:08	1.15E+04	5.85E+02	1.45E+02	3.95E-02	6.03E-01	7.62E-01	7.18E-01	9.07E+00	9.43E+00	1.03E+00	6.79E+00	8.05E+00	NA	NA	NA	
	021	85.3	85.3	6/9/2010	12:03	1.20E+04	4.85E+02	2.14E+02	3.30E-01	7.56E-01	8.66E-01	-1.92E+00	5.57E+00	6.05E+00	-7.73E-01	5.68E+00	6.30E+00	NA	NA	NA	
	022	85.3	85.3	7/27/2010	14:51	1.21E+04	5.81E+02	1.01E+02	3.80E-01	6.37E-01	7.07E-01	1.38E+00	7.47E+00	8.69E+00	2.30E+00	7.74E+00	9.52E+00	NA	NA	NA	
	023	85.3	85.3	8/24/2010	11:03	1.38E+04	4.94E+02	2.10E+02	-3.76E-01	4.75E-01	7.02E-01	-6.66E-01	5.96E+00	6.62E+00	-1.19E+00	5.22E+00	5.48E+00	NA	NA	NA	
	024	85.3	85.3	9/9/2010	15:29	1.44E+04	6.57E+02	1.27E+02	1.34E-01	6.77E-01	8.36E-01	1.43E+00	6.27E+00	6.90E+00	-1.25E-01	5.49E+00	6.10E+00	NA	NA	NA	
	025	85.3	85.3	11/3/2010	12:45	1.49E+04	6.48E+02	1.16E+02	3.80E-01	4.90E-01	5.36E-01	5.89E+00	9.60E+00	1.18E+01	-5.55E+00	8.71E+00	7.61E+00	NA	NA	NA	
	026	85.3	85.3	3/1/2011	12:05	1.34E+04	1.41E+03	2.62E+02	3.81E-01	1.41E+00	1.63E+00	7.79E-01	8.26E+00	9.36E+00	4.73E+00	9.72E+00	1.24E+01	NA	NA	NA	
	027	85.3	85.3	3/31/2011	13:18	1.32E+04	1.27E+03	5.07E+02	-1.62E-01	1.20E+00	1.56E+00	-6.56E-01	7.26E+00	7.61E+00	3.80E+00	8.28E+00	1.02E+01	NA	NA	NA	
	028	85.3	85.3	4/27/2011	13:04	1.14E+04	1.19E+03	5.10E+02	1.58E+00	1.69E+00	1.75E+00	-1.23E+00	6.80E+00	7.31E+00	5.30E-01	1.02E+01	1.15E+01	NA	NA	NA	
	030	85.3	85.3	8/5/2011	13:36	1.14E+04	1.12E+03	4.20E+02	1.14E-01	1.64E+00	1.92E+00	5.40E+00	6.87E+00	8.79E+00	-1.21E+00	6.69E+00	6.57E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-32-85	031	85.3	85.3	11/17/2011	15:08	8.88E+03	7.65E+02	3.42E+02	4.57E-01	1.56E+00	1.82E+00	-1.20E+00	7.38E+00	8.80E+00	-1.88E+00	9.06E+00	1.09E+01	NA	NA	NA	MW-32-85
MW-32-131	001	130.8	-53.7	1/19/2007	9:45	1.13E+04	8.40E+02	5.30E+02	-1.03E+00	1.47E+00	1.70E+00	-6.00E-02	2.04E+00	2.30E+00	3.00E-02	2.07E+00	2.40E+00	NA	NA	NA	MW-32-131
	002	130.8	-53.7	6/28/2007	12:45	3.02E+02	1.88E+02	1.97E+02	-1.39E-01	5.13E-01	5.94E-01	-1.46E+00	5.09E+00	4.92E+00	9.88E-01	3.76E+00	4.38E+00	NA	NA	NA	
	003	130.8	-53.7	8/13/2007	11:15	1.29E+02	1.70E+02	1.87E+02	2.69E-01	7.33E-01	8.51E-01	-8.09E-01	4.86E+00	4.85E+00	-1.19E+00	3.29E+00	3.22E+00	NA	NA	NA	
	004	130.8	-53.7	10/26/2007	10:11	3.74E+02	2.39E+02	2.42E+02	2.47E-01	6.03E-01	7.06E-01	-1.81E-01	3.48E+00	3.82E+00	-2.55E-01	3.92E+00	3.99E+00	NA	NA	NA	
	005	130.8	-53.7	1/18/2008	11:23	5.04E+02	2.07E+02	1.79E+02	5.14E-01	7.79E-01	8.52E-01	8.47E-01	2.19E+00	2.21E+00	-8.40E-02	1.98E+00	2.18E+00	NA	NA	NA	
	006	130.8	-53.7	5/5/2008	12:35	1.03E+03	1.36E+02	1.83E+02	-2.89E-01	3.98E-01	7.75E-01	-1.21E+00	2.28E+00	3.55E+00	-3.26E-01	2.27E+00	3.66E+00	NA	NA	NA	
MW-32-149	004	149.3	-72.2	10/26/2007	10:10	2.92E+03	2.94E+02	1.90E+02	-2.45E-01	4.89E-01	7.22E-01	1.99E-01	3.10E+00	3.51E+00	1.65E-01	3.56E+00	3.99E+00	NA	NA	NA	MW-32-149
	005	149.3	-72.2	1/18/2008	11:18	1.15E+03	2.69E+02	1.85E+02	3.04E-01	8.25E-01	9.53E-01	2.94E+00	4.29E+00	3.08E+00	-8.74E-01	2.82E+00	2.93E+00	NA	NA	NA	
	006	149.3	-72.2	5/5/2008	10:54	8.83E+02	1.31E+02	1.82E+02	7.39E-01	5.05E-01	7.94E-01	-2.99E+00	2.67E+00	3.71E+00	2.04E+00	2.12E+00	4.12E+00	NA	NA	NA	
	007	149.3	-72.2	7/31/2008	11:10	5.32E+02	1.31E+02	1.94E+02	1.38E-02	3.46E-01	6.80E-01	1.06E+00	1.65E+00	2.87E+00	1.42E+00	1.56E+00	2.81E+00	NA	NA	NA	
	008	149.3	-72.2	10/24/2008	10:28	5.03E+02	2.10E+02	1.72E+02	4.69E-01	6.52E-01	6.99E-01	1.80E+00	5.22E+00	6.07E+00	1.25E+00	4.96E+00	5.82E+00	NA	NA	NA	
	009	149.3	-72.2	2/4/2009	13:50	2.65E+02	1.18E+02	1.17E+02	4.53E-01	6.75E-01	7.34E-01	5.44E-01	2.99E+00	3.38E+00	3.32E-01	2.91E+00	3.28E+00	NA	NA	NA	
	010	149.3	-72.2	4/27/2009	13:31	3.21E+02	1.79E+02	1.87E+02	7.04E-01	8.48E-01	9.20E-01	1.35E+00	4.26E+00	2.84E+00	-4.83E-02	2.34E+00	2.57E+00	NA	NA	NA	
	011	149.3	-72.2	6/2/2009	12:05	2.24E+02	1.53E+02	1.62E+02	-2.86E-01	6.60E-01	7.98E-01	-2.68E+00	1.02E+01	6.78E+00	2.12E+00	7.04E+00	8.40E+00	NA	NA	NA	
	012	149.3	-72.2	8/3/2009	12:43	3.90E+02	1.70E+02	1.57E+02	9.42E-02	6.51E-01	7.80E-01	2.86E+00	6.63E+00	7.79E+00	-9.46E-01	8.14E+00	7.75E+00	NA	NA	NA	
	013	149.3	-72.2	8/31/2009	11:29	4.57E+02	2.06E+02	2.15E+02	-2.81E-01	5.05E-01	6.80E-01	-1.45E+00	5.66E+00	6.05E+00	-1.77E-01	4.84E+00	5.32E+00	NA	NA	NA	
	014	149.3	-72.2	9/15/2009	12:39	1.99E+02	1.46E+02	1.54E+02	-9.07E-02	7.77E-01	9.52E-01	1.03E+00	5.91E+00	6.65E+00	2.31E+00	6.12E+00	7.24E+00	NA	NA	NA	
	015	149.3	-72.2	10/22/2009	15:39	2.95E+02	1.59E+02	1.67E+02	-9.56E-02	4.01E-01	5.33E-01	-6.75E+00	9.40E+00	7.45E+00	-5.88E-01	8.74E+00	8.40E+00	NA	NA	NA	
	016	149.3	-72.2	1/28/2010	11:47	5.28E+03	9.24E+02	4.30E+02	2.02E-01	7.48E-01	8.83E-01	2.15E+00	3.71E+00	4.43E+00	4.50E-01	4.17E+00	4.73E+00	NA	NA	NA	
	017	149.3	-72.2	4/28/2010	13:50	6.60E+03	4.52E+02	1.47E+02	3.03E-01	7.08E-01	8.24E-01	1.98E+00	6.88E+00	7.55E+00	9.80E-01	4.44E+00	5.36E+00	NA	NA	NA	
	018	149.3	-72.2	6/9/2010	12:52	9.76E+03	4.44E+02	2.14E+02	-1.16E-01	6.45E-01	8.05E-01	-8.57E-01	8.36E+00	9.08E+00	-4.49E+00	6.20E+00	5.62E+00	NA	NA	NA	
	019	149.3	-72.2	7/27/2010	15:34	3.81E+03	3.33E+02	1.01E+02	1.14E-01	3.57E-01	4.33E-01	7.24E-01	1.28E+01	1.64E+01	1.53E+00	8.88E+00	1.06E+01	NA	NA	NA	
	020	149.3	-72.2	8/24/2010	11:27	2.60E+03	2.70E+02	2.10E+02	1.04E-01	6.64E-01	8.13E-01	1.04E-01	6.51E+00	7.44E+00	2.67E-02	5.89E+00	6.71E+00	NA	NA	NA	
	021	149.3	-72.2	9/9/2010	11:36	2.12E+03	2.70E+02	1.27E+02	2.27E-01	7.72E-01	9.22E-01	3.68E+00	7.83E+00	9.16E+00	1.24E+00	8.52E+00	1.00E+01	NA	NA	NA	
	022	149.3	-72.2	11/3/2010	16:09	1.55E+03	2.24E+02	1.12E+02	4.08E-01	5.02E-01	5.49E-01	-1.00E+01	1.08E+01	1.15E+01	3.36E+00	7.71E+00	9.94E+00	NA	NA	NA	
	023	149.3	-72.2	3/1/2011	13:37	1.06E+03	4.48E+02	2.68E+02	-7.01E-01	1.66E+00	2.15E+00	9.25E-01	5.42E+00	6.30E+00	2.06E+00	6.60E+00	7.93E+00	NA	NA	NA	
	024	149.3	-72.2	3/31/2011	11:33	8.99E+02	5.34E+02	5.09E+02	-2.01E-01	1.10E+00	1.49E+00	2.52E+00	9.30E+00	1.09E+01	2.31E+00	9.92E+00	1.18E+01	NA	NA	NA	
	025	149.3	-72.2	4/27/2011	11:12	8.69E+02	4.44E+02	4.11E+02	3.00E-01	1.43E+00	1.67E+00	2.12E+00	7.44E+00	8.59E+00	9.88E-01	7.76E+00	8.83E+00	NA	NA	NA	
	027	149.3	-72.2	8/5/2011	11:10	9.86E+02	4.71E+02	4.21E+02	4.80E-01	1.81E+00	2.06E+00	-9.94E-01	9.60E+00	9.39E+00	2.75E+00	7.41E+00	9.28E+00	NA	NA	NA	
	028	149.3	-72.2	11/17/2011	12:05	5.91E+02	3.45E+02	3.41E+02	3.84E-01	1.46E+00	1.72E+00	-5.25E+00	7.74E+00	7.86E+00	2.57E+00	8.07E+00	1.12E+01	NA	NA	NA	
MW-32-165	001	163	-85.9	1/19/2007	9:50	1.05E+04	8.70E+02	5.70E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-32-165
	002	163	-85.9	6/28/2007	13:06	5.81E+02	2.03E+02	1.97E+02	-2.82E-01	7.33E-01	9.70E-01	8.54E-01	2.85E+00	2.94E+00	-8.16E-01	2.46E+00	2.60E+00	NA	NA	NA	
	003	163	-85.9	8/13/2007	11:35	4.93E+02	2.09E+02	2.08E+02	-6.38E-01	3.81E-01	6.52E-01	-1.42E+00	3.76E+00	3.37E+00	1.63E+00	1.69E+00	2.91E+00	NA	NA	NA	
MW-32-173	001	172.8	-95.7	10/26/2007	9:55	5.89E+03	3.87E+02	1.92E+02	1.86E-02	5.87E-01	7.54E-01	6.92E-01	3.00E+00	3.51E+00	-9.97E-01	2.91E+00	3.02E+00	NA	NA	NA	MW-32-173
	002	172.8	-95.7	1/18/2008	11:05	3.40E+03	4.07E+02	1.82E+02	1.13E-01	6.02E-01	7.63E-01	-3.84E-01	2.00E+00	2.18E+00	-6.14E-01	2.09E+00	2.25E+00	NA	NA	NA	
	003	172.8	-95.7	5/5/2008	10:33	1.69E+03	1.52E+02	1.82E+02	1.11E-02	3.53E-01	7.09E-01	1.95E-01	2.18E+00	3.64E+00	5.47E-01	2.24E+00	3.91E+00	NA	NA	NA	
	004	172.8	-95.7	7/31/2008	10:52	1.08E+03	1.48E+02	1.92E+02	6.80E-01	4.52E-01	7.11E-01	-1.17E+00	1.58E+00	2.47E+00	6.06E-01	1.65E+00	2.96E+00	NA	NA	NA	
	005	172.8	-95.7	9/2/2008	11:30	9.72E+02	3.72E+02	5.48E+02	1.85E-01	4.64E-01	8.41E-01	-1.02E+00	2.67E+00	3.88E+00	NA	NA	NA	NA	NA	NA	
	006	172.8	-95.7	10/24/2008	10:25	1.03E+03	2.67E+02	1.74E+02	1.05E-01	3.60E-01	4.36E-01	8.63E-01	5.67E+00	6.61E+00	2.30E+00	6.36E+00	7.74E+00	NA	NA	NA	
	007	172.8	-95.7	2/4/2009	13:40	7.56E+02	1.45E+02	1.17E+02	2.57E-01	4.26E-01	4.74E-01	1.79E+00	3.65E+00	4.41E+00	2.56E+00	3.47E+00	4.49E+00	NA	NA	NA	
	008	172.8	-95.7	4/27/2009	13:32	7.86E+02	4.77E+02	4.31E+02	7.47E-02	4.43E-01	5.48E-01	-3.20E+00	6.12E+00	4.08E+00	1.19E+00	4.77E+00	5.59E+00	NA	NA	NA	
	009	172.8	-95.7	6/2/2009	11:58	1.72E+03	2.19E+02	1.68E+02	1.05E-01	5.78E-01	6.69E-01	-1.33E+00	9.20E+00	6.13E+00	-1.40E+00	6.21E+00	6.55E+00	NA	NA	NA	
	010	172.8	-95.7	8/3/2009	12:37	4.93E+02	1.77E+02	1.55E+02	-4.67E-02	3.89E-01	5.13E-01	3.21E+00	5.34E+00	6.46E+00	-7.71E-01	4.92E+00	5.26E+00	NA	NA	NA	
	011	172.8	-95.7	8/31/2009	11:31	5.79E+02	2.09E+02	2.13E+02	-4.09E-04	6.06E-01	7.50E-01	1.81E+00	4.96E+00	5.93E+00	2.58E+00	6.62E+00	7.35E+00	NA	NA	NA	
	012	172.8	-95.7	9/15/2009	12:11	4.71E+02	1.65E+02	1.55E+02	-5.93E-03	6.73E-01	8.21E-01	2.46E+00	4.92E+00	5.83E+00	-6.66E+00	7.39E+00	6.57E+00	NA	NA	NA	
	013	172.8	-95.7	10/22/2009	15:36	4.31E+02	1.68E+02	1.68E+02	-1.01E-02	3.85E-01	4.95E-01	-2.49E-01	5.87E+00	6.61E+00	6.81E-01	5.70E+00	6.64E+00	NA	NA	NA	
	014	172.8	-95.7	1/28/2010	11:42	1.33E+03	6.95E+02	6.63E+02	1.67E-01	7.37E-01	8.74E-01	-4.48E+00	7.32E+00	7.64E+00	2.11E+00	4.42E+00	5.30E+00	NA	NA	NA	
	015	172.8	-95.7	4/28/2010	15:45	1.54E+03	2.45E+02	1.48E+02	4.63E-01	5.34E-01	5.49E-01	4.96E+00	5.45E+00	6.79E+00	-8.08E-01	4.93E+00	5.21E+00	NA	NA	NA	
	016	172.8	-95.7	6/9/2010	12:23	2.34E+03	2.66E+02	2.08E+02	3.04E-01	5.97E-01	6.81E-01	-9.18E-01	6.63E+00	7.29E+00	8.09E-01	6.48E+00	7.43E+00	NA	NA	NA	
	017	172.8	-95.7	7/27/2010	15:17	2.47E+03	2.69E+02	9.88E+01	9.64E-02	3.38E-01	4.14E-01	-1.51E+00	8.71E+00	9.65E+00	-2.29E+00	7.04E+00	7.12E+00	NA	NA	NA	
	018	172.8	-95.7	8/24/2010	11:23	2.19E+03	2.60E+02	2.10E+02	-1.37E-01	3.98E-01	5.77E-01	2.92E+00	6.57E+00	7.82E+00	4.56E-01	6.55E+00	7.41E+00	NA	NA	NA	
	019	172.8	-95.7	9/9/2010	11:29	1.98E+03	2.63E+02	1.28E+02	5.82E-01	8.34E-01	8.96E-01	1.67E+00	4.86E+00	5.81E+00	9.94E-01	4.84E+00	5.77E+00	NA	NA	NA	
	020	172.8	-95.7	11/3/2010	15:53	1.40E+03	2.16E+02	1.14E+02	1.65E-02	4.38E-01	5.24E-01	3.87E+00	1.76E+01	9.62E+00	-2.94E+00	9.88E+00	1.01E+01	NA	NA	NA	
	021	172.8	-95.7	3/1/2011	13:13	9.02E+02	4.12E+02	2.61E+02	-4.04E-01	1.12E+00	1.45E+00	5.99E+00	6.06E+00	7.73E+00	-2.04E+00	7.36E+00	7.55E+00	NA	NA	NA	
	022	172.8	-95.7	3/31/2011	11:35	8.41E+02	5.22E+02	5.04E+02	2.46E-01	1.27E+00	1.54E+00	6.51E+00	1.58E+01	8.26E+00	2.19E+00	8.22E+00	9.98E+00	NA	NA	NA	
	023	172.8	-95.7	4/27/2011	11:27	5.82E+02	4.98E+02	5.08E+02	6.37E-01	1.54E+00	1.74E+00	0.00E+00	2.00E+01	9.23E+00	2.47E-01	9.58E+00	1.07E+01	NA	NA	NA	
	025	172.8	-95.7	8/5/2011	11:11	5.69E+02	4.17E+02	4.12E+02	6.34E-01	1.48E+00	1.66E+00	-9.50E-01	6.36E+00	6.56E+00	-1.55E+00	1.10E+01	1.14E+01	NA	NA	NA	
	026	172.8	-95.7	11/17/2011	12:01	5.06E+02	3.33E+02	3.34E+02	7.83E-02	9.63E-01	1.24E+00	2.87E+00	9.12E+00	1.13E+01	-1.50E-01	9.93E+00	1.26E+01	NA	NA	NA	
MW-32-190	001	190.3	-113.7	1/19/2007	9:55	1.13E+04	8.40E+02	5.20E+02	4.20E-01	1.50E+00	1.70E+00	2.60E-01	1.26E+00	1.40E+00	7.10E-01	1.50E+00	1.70E+00	NA	NA	NA	MW-32-190
	002	190.3	-113.7	6/28/2007	13:07	2.41E+03	2.72E+02	1.87E+02	-5.09E-02	6.12E-01	8.20E-01	1.52E+00	3.07E+00	3.64E+00	-1.29E+00	3.27E+00	3.37E+00	NA	NA	NA	
	003	190.3	-113.7	8/13/2007	11:25	1.72E+03	2.67E+02	2.03E+02	-3.65E-01	8.12E-01	1.04E+00	6.21E-01	2.49E+00	2.93E+00	-1.19E+00	2.38E+00	2.39E+00	NA	NA	NA	
	004	190.3	-113.7	10/26/2007	9:53	9.76E+03	4.80E+02	1.93E+02	-5.05E-01	7.75E-01	9.73E-01	-6.17E-01	3.07E+00	3.27E+00	-1.94E-01	3.18E+00	3.57E+00	NA	NA	NA	
	005	190.3	-113.7	1/18/2008	11:35	8.89E+03	6.32E+02	1.83E+02	4.28E-01	7.73E-01	8.69E-01	6.57E-01	1.71E+00	2.02E+00	5.18E-01	1.65E+00	1.96E+00	NA	NA	NA	
	006	190.3	-113.7	5/5/2008	10:57	6.73E+03	2.41E+02	1.82E+02	-1.68E-01	4.28E-01	8.16E-01	-1.18E+00	2.08E+00	3.24E+00	-2.62E+00	3.16E+00	2.97E+00	NA	NA	NA	
	007	190.3	-113.7	7/31/2008	11:24	4.71E+03	2.35E+02	1.94E+02	3.21E-01	3.35E-01	5.51E-01	-8.54E-01	1.55E+00	2.53E+00	2.22E+00	1.77E+00	3.30E+00	NA	NA	NA	
	008	190.3	-113.7	9/2/2008	11:40	3.81E+03	5.20E+02	5.44E+02	5.92E-01	5.81E-01	9.53E-01	1.39E+00	2.82E+00	4.63E+00	NA	NA	NA	NA	NA	NA	
	009	190.3	-113.7	10/24/2008	10:31	3.35E+03	4.31E+02	1.73E+02	3.30E-03	5.75E-01	7.41E-01	5.89E-01	5.33E+00	5.98E+00	3.85E+00	5.68E+00	7.16E+00	NA	NA	NA	
	010	190.3	-113.7	2/4/2009	13:45	2.69E+03	4.26E+02	1.98E+02	2.44E-01	5.57E-01	6.47E-01	3.60E-02	2.67E+00	2.95E+00	4.71E-01	3.02E+00	3.44E+00	NA	NA	NA	
	011	190.3	-113.7	4/27/2009	13:24	2.54E+03	6.68E+02	4.09E+02	-2.51E-02	5.58E-01	6.80E-01	-6.89E-01	4.01E+00	2.67E+00	5.11E-01	2.30E+00	2.68E+00	NA	NA	NA	
	012	190.3	-113.7	6/2/2009	12:01	1.95E+03	5.76E+02	3.78E+02	8.61E-02	5.09E-01	5.90E-01	3.64E-01	1.02E+01	6.77E+00	1.26E+00	5.70E+00	6.67E+00	NA	NA	NA	
	013	190.3	-113.7	8/3/2009	12:45	2.03E+03	2.76E+02	1.56E+02	1.36E-01	5.64E-01	6.69E-01	9.65E-02	5.25E+00	5.81E+00	-2.59E+00	4.95E+00	4.66E+00	NA	NA	NA	
	014	190.3	-113.7	8/31/2009	11:41	2.14E+03	2.61E+02	2.13E+02	1.65E-01	5.30E-01	6.20E-01	2.01E+00	6.21E+00	7.34E+00	2.09E+00	5.91E+00	7.13E+00	NA	NA	NA	
	015	190.3	-113.7	9/15/2009	12:13	1.77E+03	2.28E+02	1.53E+02	3.73E-01	7.22E-01	8.16E-01	1.75E+00	4.04E+00	4.89E+00	4.08E-01	4.59E+00	5.13E+00	NA	NA	NA	
	016	190.3	-113.7	10/22/2009	15:30	1.63E+03	2.18E+02	1.67E+02	8.62E-02	3.60E-01	4.39E-01	-1.67E+00	6.11E+00	6.45E+00	3.05E-01	5.96E+00	6.67E+00	NA	NA	NA	
	017	190.3	-113.7	1/28/2010	11:57	1.71E+03	5.91E+02	4.25E+02	4.33E-01	4.97E-01	5.09E-01	-1.94E-02	4.23E+00	4.80E+00	1.29E+00	4.62E+00	5.46E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-32-190	018	190.3	-113.7	3/4/2010	12:42	1.98E+03	2.10E+02	1.67E+02	4.99E-03	5.73E-01	7.52E-01	-6.41E-01	3.29E+00	3.70E+00	3.53E+00	3.74E+00	4.67E+00	NA	NA	NA	MW-32-190
	019	190.3	-113.7	4/28/2010	15:51	1.59E+03	2.48E+02	1.49E+02	-2.92E-01	7.01E-01	9.85E-01	1.82E+00	5.66E+00	6.65E+00	-2.37E+00	5.38E+00	5.33E+00	NA	NA	NA	
	020	190.3	-113.7	6/9/2010	12:43	1.76E+03	2.45E+02	2.05E+02	4.69E-01	8.43E-01	9.49E-01	-3.64E+00	5.89E+00	6.02E+00	1.50E+00	5.84E+00	6.92E+00	NA	NA	NA	
	021	190.3	-113.7	7/27/2010	15:41	1.58E+03	2.21E+02	9.83E+01	-8.57E-02	3.52E-01	5.06E-01	6.23E-01	7.98E+00	9.16E+00	-2.62E+00	7.77E+00	7.60E+00	NA	NA	NA	
	022	190.3	-113.7	8/24/2010	11:37	1.69E+03	2.43E+02	2.09E+02	2.54E-01	7.84E-01	9.25E-01	-5.47E-01	4.84E+00	5.45E+00	9.00E-01	4.96E+00	5.87E+00	NA	NA	NA	
	023	190.3	-113.7	9/9/2010	11:34	1.65E+03	2.48E+02	1.30E+02	-1.31E-01	5.85E-01	8.27E-01	-2.39E-01	9.87E+00	1.08E+01	2.00E+00	6.66E+00	7.98E+00	NA	NA	NA	
	024	190.3	-113.7	11/3/2010	16:07	1.53E+03	2.28E+02	1.17E+02	-9.74E-02	4.35E-01	5.82E-01	2.12E+00	9.02E+00	1.07E+01	-2.40E+00	9.21E+00	9.36E+00	NA	NA	NA	
	025	190.3	-113.7	3/1/2011	13:24	1.64E+03	5.32E+02	2.64E+02	7.65E-01	1.20E+00	1.29E+00	2.74E+00	5.52E+00	6.57E+00	4.88E+00	7.64E+00	8.75E+00	NA	NA	NA	
	026	190.3	-113.7	3/31/2011	11:47	1.41E+03	5.76E+02	5.02E+02	-7.79E-01	1.15E+00	1.67E+00	8.78E-01	7.96E+00	9.01E+00	5.11E+00	1.04E+01	1.30E+01	NA	NA	NA	
	027	190.3	-113.7	4/27/2011	11:17	1.21E+03	5.64E+02	5.10E+02	7.54E-01	1.13E+00	1.20E+00	8.61E-01	8.68E+00	9.74E+00	-6.60E+00	8.98E+00	6.37E+00	NA	NA	NA	
	029	190.3	-113.7	8/5/2011	11:15	1.44E+03	5.16E+02	4.20E+02	7.59E-01	1.64E+00	1.82E+00	2.02E+00	7.23E+00	8.43E+00	1.28E+00	9.24E+00	1.06E+01	NA	NA	NA	
	030	190.3	-113.7	11/17/2011	12:03	1.46E+03	4.05E+02	3.36E+02	-7.57E-01	8.37E-01	1.41E+00	1.30E+00	6.57E+00	8.59E+00	-4.42E-01	6.24E+00	7.93E+00	NA	NA	NA	
MW-33	001	19.2	-0.4	12/15/2005	8:00	1.42E+05	4.26E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-33
	002	19.2	-0.4	12/19/2005	11:38	1.99E+05	5.97E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	19.2	-0.4	12/29/2005	11:30	2.20E+05	6.60E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	19.2	-0.4	1/6/2006	12:30	1.89E+05	5.67E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	19.2	-0.4	1/13/2006	12:10	2.32E+05	6.96E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	006	19.2	-0.4	1/20/2006	10:40	2.26E+05	6.78E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	007	19.2	-0.4	1/27/2006	11:10	2.42E+05	7.26E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	008	19.2	-0.4	2/3/2006	12:15	2.50E+05	2.84E+04	6.33E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	009	19.2	-0.4	2/7/2006	16:00	2.14E+05	2.64E+04	6.37E+02	1.36E-01	5.06E-01	6.25E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	010	19.2	-0.4	2/16/2006	13:55	2.61E+05	2.91E+04	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	011	19.2	-0.4	3/3/2006	10:20	2.53E+05	7.59E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	012	19.2	-0.4	4/7/2006	10:25	2.21E+05	6.63E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	014	19.2	-0.4	5/17/2006	12:50	1.35E+05	2.01E+04	1.60E+03	7.79E-01	1.43E+00	1.47E+00	1.17E+01	1.19E+01	1.37E+01	4.62E+00	1.41E+01	1.28E+01	NA	NA	NA	
	015	19.2	-0.4	6/7/2006	10:15	1.41E+05	1.85E+04	1.32E+03	6.74E-01	5.63E-01	6.44E-01	6.95E-01	8.72E+00	9.58E+00	-6.11E+00	8.63E+00	8.02E+00	NA	NA	NA	
	017	19.2	-0.4	7/3/2006	9:50	2.64E+05	2.01E+04	3.85E+03	4.78E-01	1.37E+00	1.57E+00	-6.85E-01	1.17E+01	1.27E+01	-5.24E+00	1.28E+01	1.21E+01	NA	NA	NA	
	018	19.2	-0.4	8/4/2006	8:15	1.84E+05	2.54E+04	1.87E+03	NA	NA	NA	3.53E+00	6.31E+00	7.84E+00	-1.14E+00	7.35E+00	8.60E+00	NA	NA	NA	
	019	19.2	-0.4	8/30/2006	13:00	1.15E+05	1.77E+04	4.39E+03	NA	NA	NA	-6.99E-01	8.47E+00	8.90E+00	3.71E+00	7.21E+00	9.60E+00	NA	NA	NA	
	020	19.2	-0.4	6/15/2007	15:48	9.06E+04	3.26E+03	3.61E+02	-2.82E-01	2.86E-01	4.85E-01	-2.78E-01	3.82E+00	3.76E+00	-1.64E+00	3.44E+00	3.39E+00	-8.12E-01	1.16E+01	1.37E+01	
	021	19.2	-0.4	8/3/2007	10:20	2.30E+04	7.08E+02	2.04E+02	5.80E-01	8.49E-01	9.33E-01	8.18E-01	2.37E+00	2.83E+00	2.45E-01	2.13E+00	2.46E+00	NA	NA	NA	
	022	19.2	-0.4	4/28/2008	15:00	5.85E+04	1.16E+03	2.58E+02	1.69E-01	2.97E-01	5.22E-01	1.08E-01	1.87E+00	3.12E+00	-4.51E-02	2.12E+00	3.49E+00	NA	NA	NA	
	023	19.2	-0.4	9/4/2008	14:41	6.80E+04	1.82E+03	5.47E+02	1.33E-01	4.05E-01	7.55E-01	5.46E-01	1.61E+00	2.83E+00	NA	NA	NA	NA	NA	NA	
	024	19.2	-0.4	4/29/2009	15:12	3.44E+04	1.30E+03	1.72E+02	2.74E-01	5.39E-01	6.09E-01	-1.06E+00	8.93E+00	5.95E+00	1.83E+00	5.72E+00	6.77E+00	NA	NA	NA	
	025	19.2	-0.4	2/2/2010	13:15	3.20E+04	2.16E+03	4.38E+02	-1.15E-01	7.38E-01	9.21E-01	2.64E+00	3.44E+00	4.21E+00	4.59E-01	3.96E+00	4.42E+00	NA	NA	NA	
	026	19.2	-0.4	4/15/2010	13:54	6.31E+04	1.06E+03	1.76E+02	-1.77E-01	6.60E-01	8.85E-01	-3.35E+00	7.39E+00	7.21E+00	-5.17E+00	7.74E+00	6.17E+00	NA	NA	NA	
	027	19.2	-0.4	8/30/2010	14:29	3.69E+03	3.42E+02	1.26E+02	1.64E-01	3.24E-01	3.69E-01	7.72E-01	5.64E+00	6.38E+00	-3.08E-01	5.07E+00	5.60E+00	NA	NA	NA	
	028	19.2	-0.4	9/11/2010	13:28	3.86E+03	3.53E+02	1.27E+02	9.96E-03	7.38E-01	9.28E-01	-1.30E+00	4.86E+00	5.14E+00	1.12E+00	5.10E+00	5.95E+00	NA	NA	NA	
MW-34	001	18.9	-0.4	12/13/2005	13:53	6.39E+04	1.92E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-34
	002	18.9	-0.4	12/19/2005	10:35	1.21E+05	3.63E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	18.9	-0.4	12/29/2005	10:50	1.47E+05	4.41E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	18.9	-0.4	1/6/2006	11:35	1.59E+05	4.77E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	18.9	-0.4	1/13/2006	11:40	1.31E+05	3.93E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	006	18.9	-0.4	1/20/2006	10:00	2.11E+05	6.33E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	007	18.9	-0.4	1/27/2006	10:50	2.12E+05	6.36E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	008	18.9	-0.4	2/3/2006	12:20	2.24E+05	2.69E+04	6.33E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	009	18.9	-0.4	2/7/2006	15:15	1.74E+05	2.38E+04	6.37E+02	9.22E-02	3.78E-01	4.67E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	010	18.9	-0.4	2/16/2006	13:55	1.99E+05	2.55E+04	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	011	18.9	-0.4	3/3/2006	9:35	2.30E+05	6.90E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	012	18.9	-0.4	4/7/2006	10:05	2.76E+05	8.28E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	013	18.9	-0.4	5/17/2006	13:15	3.64E+04	5.52E+03	8.35E+02	2.50E-02	6.63E-01	9.24E-01	7.84E+00	1.39E+01	1.55E+01	2.72E+00	1.31E+01	1.44E+01	NA	NA	NA	
	014	18.9	-0.4	6/26/2006	10:20	1.05E+04	8.52E+02	3.41E+02	3.71E-01	6.49E-01	7.79E-01	1.83E+00	7.85E+00	8.96E+00	5.84E+00	7.34E+00	9.37E+00	NA	NA	NA	
	015	18.9	-0.4	7/26/2006	10:20	4.07E+04	3.51E+03	1.57E+03	2.18E-01	8.97E-01	1.16E+00	-1.73E-01	4.87E+00	5.24E+00	-2.54E-01	5.64E+00	6.78E+00	NA	NA	NA	
	016	18.9	-0.4	8/24/2006	12:18	6.69E+04	1.05E+04	3.39E+03	NA	NA	NA	1.62E+00	5.81E+00	6.78E+00	-1.60E+00	5.89E+00	5.85E+00	NA	NA	NA	
	017	18.9	-0.4	9/21/2006	9:45	1.61E+04	2.78E+03	5.86E+02	0.00E+00	1.12E+00	1.31E+00	6.09E-02	1.69E+00	1.85E+00	-2.10E-01	1.65E+00	1.79E+00	NA	NA	NA	
	018	18.9	-0.4	8/3/2007	10:21	2.22E+04	7.44E+02	2.13E+02	3.94E-02	7.08E-01	9.04E-01	-1.55E+00	4.53E+00	4.44E+00	2.12E+00	3.40E+00	4.01E+00	NA	NA	NA	
MW-35	001	19	-0.4	12/13/2005	13:50	4.23E+04	3.18E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-35
	002	19	-0.4	12/19/2005	10:17	7.60E+04	2.28E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	19	-0.4	12/29/2005	10:00	8.05E+04	2.42E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	19	-0.4	1/6/2006	11:10	9.54E+04	2.86E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	19	-0.4	1/13/2006	10:50	9.78E+04	2.93E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	006	19	-0.4	1/20/2006	9:30	1.04E+05	3.12E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	007	19	-0.4	1/27/2006	11:00	3.87E+04	1.16E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	008	19	-0.4	2/3/2006	12:20	5.14E+04	1.29E+04	6.33E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	009	19	-0.4	2/7/2006	14:40	8.44E+04	1.66E+04	6.37E+02	1.62E-01	4.32E-01	5.28E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	010	19	-0.4	2/16/2006	13:30	9.04E+04	1.72E+04	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	011	19	-0.4	3/3/2006	9:05	1.19E+05	3.57E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	012	19	-0.4	4/7/2006	9:55	5.62E+04	1.69E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	013	19	-0.4	5/17/2006	13:37	4.07E+04	6.15E+03	8.72E+02	4.70E-01	7.53E-01	7.87E-01	6.46E+00	2.07E+01	1.64E+01	3.04E+00	1.37E+01	1.53E+01	NA	NA	NA	
	014	19	-0.4	6/26/2006	10:40	1.74E+04	1.37E+03	4.29E+02	-2.30E-01	6.66E-01	8.69E-01	-1.34E+00	1.01E+01	1.09E+01	-2.45E+00	8.92E+00	9.36E+00	NA	NA	NA	
	015	19	-0.4	9/21/2006	9:30	4.53E+04	7.19E+03	9.12E+02	6.26E-01	1.30E+00	1.41E+00	-3.15E-01	1.96E+00	1.82E+00	2.44E-01	1.49E+00	1.69E+00	NA	NA	NA	
	016	19	-0.4	6/15/2007	13:58	2.03E+03	5.87E+02	3.84E+02	2.26E-01	4.34E-01	4.91E-01	4.66E+01	8.82E+00	2.81E+00	-1.27E+00	2.58E+00	2.63E+00	6.18E+00	1.92E+01	2.20E+01	
	017	19	-0.4	8/3/2007	10:22	5.95E+03	5.58E+02	2.70E+02	9.45E-02	5.76E-01	6.98E-01	-9.20E-01	2.71E+00	2.82E+00	5.74E-01	2.88E+00	3.33E+00	NA	NA	NA	
	018	19	-0.4	4/28/2008	13:38	1.04E+03	1.77E+02	2.19E+02	2.34E-01	2.96E-01	5.03E-01	-2.93E-02	2.03E+00	3.34E+00	-5.77E-02	2.36E+00	3.87E+00	NA	NA	NA	
	019	19	-0.4	4/30/2009	11:17	1.46E+03	3.03E+02	1.74E+02	-2.75E-01	5.13E-01	6.38E-01	-1.08E+00	9.27E+00	6.18E+00	-1.87E+00	5.79E+00	6.00E+00	NA	NA	NA	
	020	19	-0.4	5/20/2010	13:25	2.82E+03	2.87E+02	2.14E+02	-1.97E-01	4.52E-01	6.73E-01	1.51E+00	5.67E+00	6.71E+00	-1.24E+00	6.33E+00	6.84E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-36-24	001	16.1	-4.3	2/7/2006	17:00	NA	NA	NA	1.29E+00	5.48E-01	5.53E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-36-24
	002	16.1	-4.3	2/27/2006	9:45	3.04E+04	9.95E+03	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	16.1	-4.3	3/23/2006	16:00	3.42E+04	3.81E+03	1.86E+03	9.99E-01	6.42E-01	6.42E-01	-3.86E+00	1.01E+01	1.05E+01	5.02E+00	9.33E+00	1.22E+01	6.41E+01	1.59E+01	1.53E+01	
	004	16.1	-4.3	4/5/2006	10:30	NA	NA	NA	1.56E+00	4.86E-01	4.35E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	16.1	-4.3	6/5/2006	12:20	2.02E+02	1.59E+02	1.51E+02	3.70E-01	7.66E-01	9.31E-01	3.99E+00	1.03E+01	1.21E+01	6.90E-02	1.02E+01	1.12E+01	NA	NA	NA	
	006	16.1	-4.3	8/28/2006	10:30	2.45E+02	1.80E+02	1.71E+02	NA	NA	NA	-1.04E+00	3.27E+00	3.32E+00	1.66E+00	3.06E+00	4.19E+00	NA	NA	NA	
	007	16.1	-4.3	6/27/2007	10:40	1.54E+02	1.76E+02	1.93E+02	5.90E-01	7.92E-01	8.46E-01	3.31E-01	2.81E+00	3.17E+00	4.00E-01	3.03E+00	3.45E+00	NA	NA	NA	
	008	16.1	-4.3	8/8/2007	13:45	1.63E+02	1.85E+02	2.04E+02	-5.35E-01	6.81E-01	9.31E-01	1.53E-01	3.40E+00	3.77E+00	3.56E+00	3.40E+00	4.17E+00	-7.46E+00	2.10E+01	2.54E+01	
	009	16.1	-4.3	10/18/2007	10:06	2.86E+02	1.91E+02	2.01E+02	8.56E-02	7.60E-01	9.26E-01	7.20E-01	2.91E+00	3.37E+00	3.11E-01	3.01E+00	3.47E+00	NA	NA	NA	
	010	16.1	-4.3	1/23/2008	14:18	2.16E+03	2.36E+02	1.70E+02	1.03E-01	3.12E-01	3.76E-01	2.92E-02	2.39E+00	2.67E+00	-4.84E-01	2.37E+00	2.57E+00	NA	NA	NA	
	011	16.1	-4.3	7/24/2008	13:57	1.02E+03	1.22E+02	1.63E+02	3.38E-01	3.75E-01	6.24E-01	3.97E-01	2.09E+00	3.61E+00	-5.45E-01	2.37E+00	3.85E+00	NA	NA	NA	
	012	16.1	-4.3	11/10/2008	15:33	2.01E+02	1.50E+02	1.61E+02	5.52E-01	7.53E-01	8.04E-01	0.00E+00	6.81E+00	4.46E+00	2.72E+00	3.84E+00	5.41E+00	NA	NA	NA	
	013	16.1	-4.3	1/22/2009	12:48	2.37E+02	1.16E+02	1.06E+02	-6.26E-01	7.37E-01	9.48E-01	5.41E-01	2.88E+00	3.34E+00	3.15E-01	3.35E+00	3.82E+00	NA	NA	NA	
	014	16.1	-4.3	5/1/2009	13:55	4.98E+02	1.98E+02	1.62E+02	-1.28E-01	7.22E-01	8.58E-01	1.20E+00	7.73E+00	5.15E+00	-8.11E-01	4.19E+00	4.36E+00	NA	NA	NA	
	015	16.1	-4.3	8/4/2009	16:09	2.92E+03	3.20E+02	1.55E+02	4.60E-01	6.62E-01	7.29E-01	-2.97E-01	5.12E+00	4.98E+00	7.76E-01	5.67E+00	6.40E+00	NA	NA	NA	
	016	16.1	-4.3	10/28/2009	15:48	1.47E+03	2.00E+02	1.61E+02	6.36E-01	8.91E-01	9.78E-01	-9.30E-01	3.65E+00	4.03E+00	-3.01E-01	4.86E+00	5.04E+00	NA	NA	NA	
	017	16.1	-4.3	2/1/2010	13:49	6.60E+02	5.97E+02	6.18E+02	7.81E-01	8.04E-01	8.46E-01	2.13E+00	3.24E+00	3.80E+00	0.00E+00	4.13E+00	4.27E+00	NA	NA	NA	
	018	16.1	-4.3	4/28/2010	14:14	3.53E+03	3.39E+02	1.45E+02	1.91E-01	5.60E-01	6.67E-01	1.74E+00	5.87E+00	6.86E+00	2.13E+00	5.66E+00	6.86E+00	NA	NA	NA	
	019	16.1	-4.3	7/29/2010	12:04	2.64E+02	1.17E+02	1.00E+02	2.45E-01	3.84E-01	4.23E-01	8.89E-01	9.88E+00	1.10E+01	-2.61E+00	1.19E+01	1.26E+01	NA	NA	NA	
	020	16.1	-4.3	11/4/2010	16:15	2.62E+03	2.82E+02	1.13E+02	3.79E-01	5.81E-01	6.42E-01	3.42E+00	9.88E+00	1.17E+01	-1.80E+00	1.16E+01	1.26E+01	NA	NA	NA	
	021	16.1	-4.3	2/28/2011	12:37	2.56E+02	3.54E+02	3.81E+02	-8.87E-02	1.67E+00	2.08E+00	4.53E-01	5.26E+00	5.75E+00	-3.09E-01	4.74E+00	5.03E+00	NA	NA	NA	
	022	16.1	-4.3	4/28/2011	14:34	3.07E+03	7.26E+02	5.19E+02	1.38E+00	1.53E+00	1.59E+00	-6.43E-01	7.68E+00	8.47E+00	2.82E+00	7.48E+00	9.35E+00	NA	NA	NA	
	023	16.1	-4.3	8/16/2011	13:34	1.12E+03	5.01E+02	4.51E+02	2.34E-01	9.96E-01	1.18E+00	-2.80E+00	7.71E+00	7.54E+00	7.10E-01	7.89E+00	8.75E+00	NA	NA	NA	
	024	16.1	-4.3	12/7/2011	11:04	0.00E+00	4.20E+02	4.96E+02	-3.36E-01	1.29E+00	1.70E+00	1.75E+00	7.26E+00	9.17E+00	-1.38E+00	6.00E+00	7.29E+00	NA	NA	NA	
MW-36-41	001	37	-25.2	2/10/2006	11:10	4.75E+04	1.24E+04	6.38E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-36-41
	002	37	-25.2	2/27/2006	13:45	4.58E+04	1.22E+04	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	37	-25.2	3/24/2006	12:45	5.52E+04	4.65E+03	1.86E+03	3.48E+00	5.46E-01	4.16E-01	-5.91E+00	1.39E+01	1.45E+01	2.97E+00	1.53E+01	1.74E+01	4.87E+01	1.65E+01	1.65E+01	
	004	37	-25.2	4/5/2006	12:55	NA	NA	NA	3.53E+00	6.24E-01	5.02E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	37	-25.2	6/5/2006	11:30	2.05E+04	3.17E+03	6.01E+02	2.30E+00	6.59E-01	6.10E-01	-3.37E+00	1.27E+01	1.33E+01	6.21E-02	1.03E+01	1.13E+01	NA	NA	NA	
	006	37	-25.2	8/28/2006	10:10	2.01E+04	3.09E+03	6.45E+02	NA	NA	NA	1.96E+00	4.15E+00	5.22E+00	-2.78E-01	3.56E+00	3.78E+00	NA	NA	NA	
	007	37	-25.2	6/27/2007	12:30	6.11E+03	3.50E+02	1.74E+02	2.18E+00	1.17E+00	9.85E-01	4.30E-01	4.61E+00	1.74E+00	1.36E+00	2.91E+00	3.67E+00	NA	NA	NA	
	008	37	-25.2	5/1/2009	14:40	1.13E+04	7.20E+02	1.64E+02	4.03E+00	1.14E+00	7.31E-01	-2.59E-01	6.14E+00	4.09E+00	1.04E-01	3.03E+00	3.26E+00	NA	NA	NA	
	009	37	-25.2	8/4/2009	14:29	1.01E+04	5.64E+02	1.57E+02	7.12E+00	1.34E+00	7.74E-01	3.04E+00	6.52E+00	7.88E+00	7.15E+00	7.15E+00	9.63E+00	NA	NA	NA	
	010	37	-25.2	10/28/2009	16:14	1.01E+04	4.29E+02	1.67E+02	5.14E+00	1.19E+00	7.96E-01	-2.95E-01	4.17E+00	4.70E+00	1.79E+00	4.56E+00	5.37E+00	NA	NA	NA	
	011	37	-25.2	2/1/2010	12:25	9.56E+03	1.30E+03	6.06E+02	4.60E+00	9.53E-01	4.44E-01	1.66E+00	4.23E+00	4.78E+00	0.00E+00	4.35E+00	5.71E+00	NA	NA	NA	
	012	37	-25.2	4/28/2010	15:38	1.56E+04	6.89E+02	1.50E+02	5.95E+00	1.30E+00	5.74E-01	1.38E+00	6.43E+00	6.92E+00	8.55E-01	5.70E+00	6.68E+00	NA	NA	NA	
	013	37	-25.2	7/29/2010	12:23	1.30E+04	7.52E+02	1.46E+02	1.88E+00	7.41E-01	5.17E-01	-1.84E+00	6.35E+00	6.48E+00	4.07E+00	6.12E+00	7.75E+00	NA	NA	NA	
	014	37	-25.2	11/4/2010	16:55	1.22E+04	5.75E+02	1.10E+02	3.54E+00	9.13E-01	6.12E-01	7.62E-01	8.76E+00	1.01E+01	3.09E+00	8.58E+00	1.06E+01	NA	NA	NA	
	015	37	-25.2	2/28/2011	13:53	8.74E+03	6.88E+02	2.97E+02	4.11E+00	1.87E+00	1.57E+00	1.31E+00	5.26E+00	6.09E+00	1.58E+00	5.68E+00	6.65E+00	NA	NA	NA	
	016	37	-25.2	4/28/2011	15:39	8.17E+03	1.04E+03	5.14E+02	3.31E+00	1.75E+00	1.36E+00	2.18E+00	9.26E+00	1.07E+01	-2.96E-01	1.04E+01	1.12E+01	NA	NA	NA	
	017	37	-25.2	8/16/2011	14:18	5.90E+03	8.37E+02	4.55E+02	1.74E+00	1.26E+00	1.13E+00	1.75E+00	8.91E+00	9.88E+00	4.43E+00	9.15E+00	1.15E+01	NA	NA	NA	
	018	37	-25.2	12/7/2011	13:09	2.63E+03	6.51E+02	4.78E+02	9.00E-01	1.71E+00	1.89E+00	1.19E-02	7.17E+00	9.00E+00	-5.23E-01	7.86E+00	1.01E+01	NA	NA	NA	
MW-36-52	001	49.7	-37.9	2/10/2006	10:30	2.24E+04	8.55E+03	6.38E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-36-52
	002	49.7	-37.9	2/27/2006	12:05	2.57E+04	9.14E+03	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	49.7	-37.9	3/24/2006	16:00	2.68E+04	3.47E+03	1.87E+03	4.11E+00	5.66E-01	5.14E-01	4.47E+00	9.06E+00	1.04E+01	-2.47E+00	9.69E+00	1.03E+01	1.18E+01	1.44E+01	1.54E+01	
	004	49.7	-37.9	4/5/2006	14:30	NA	NA	NA	5.01E+00	7.23E-01	6.26E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	49.7	-37.9	6/5/2006	11:30	2.40E+04	3.68E+03	6.40E+02	4.42E+00	8.33E-01	5.53E-01	3.49E+00	1.05E+01	1.21E+01	4.80E-01	1.04E+01	1.15E+01	NA	NA	NA	
	006	49.7	-37.9	8/28/2006	10:00	1.41E+04	2.19E+03	5.35E+02	NA	NA	NA	4.06E-01	6.52E+00	7.36E+00	-2.69E-01	5.23E+00	5.69E+00	NA	NA	NA	
	007	49.7	-37.9	6/27/2007	11:45	1.01E+04	4.89E+02	1.95E+02	2.62E+00	1.09E+00	3.28E-01	-3.82E-01	2.77E+00	2.99E+00	9.25E-01	2.61E+00	3.14E+00	NA	NA	NA	
	008	49.7	-37.9	8/8/2007	14:15	1.25E+04	1.24E+03	4.60E+02	2.26E+00	1.00E+00	2.82E-01	1.30E+00	2.97E+00	3.51E+00	-8.82E-01	3.31E+00	3.55E+00	4.27E+00	2.14E+01	2.47E+01	
	009	49.7	-37.9	1/23/2008	14:13	1.13E+04	4.47E+02	1.71E+02	4.85E+00	9.69E-01	4.24E-01	-2.89E-01	2.01E+00	2.25E+00	4.08E-01	1.86E+00	2.20E+00	NA	NA	NA	
	010	49.7	-37.9	7/24/2008	16:00	1.26E+04	7.66E+02	3.74E+02	5.67E+00	7.42E-01	4.73E-01	-4.79E-01	2.24E+00	3.69E+00	2.77E-02	2.11E+00	3.53E+00	NA	NA	NA	
	011	49.7	-37.9	11/10/2008	16:53	1.10E+04	4.40E+02	1.63E+02	8.27E+00	1.24E+00	3.89E-01	-3.85E-01	3.86E+00	4.21E+00	1.36E+00	4.67E+00	5.65E+00	NA	NA	NA	
	012	49.7	-37.9	1/22/2009	12:59	6.79E+03	6.03E+02	2.06E+02	3.37E+00	8.99E-01	6.07E-01	-6.07E-01	2.96E+00	3.24E+00	1.65E+00	3.24E+00	4.05E+00	NA	NA	NA	
	013	49.7	-37.9	5/1/2009	15:07	6.06E+03	5.33E+02	1.63E+02	2.40E+00	7.82E-01	5.20E-01	2.41E+00	7.13E+00	4.75E+00	1.70E+00	4.26E+00	5.17E+00	NA	NA	NA	
	014	49.7	-37.9	8/4/2009	12:02	8.61E+03	5.30E+02	1.62E+02	4.70E+00	1.05E+00	5.90E-01	1.90E-01	7.86E+00	6.96E+00	-1.37E+00	7.25E+00	7.05E+00	NA	NA	NA	
	015	49.7	-37.9	10/28/2009	15:39	8.23E+03	3.92E+02	1.67E+02	3.51E+00	1.05E+00	6.91E-01	1.28E+00	4.38E+00	4.98E+00	3.63E+00	4.05E+00	5.13E+00	NA	NA	NA	
	016	49.7	-37.9	2/1/2010	15:28	5.97E+03	1.03E+03	6.42E+02	2.12E+00	6.87E-01	4.50E-01	-3.34E+00	6.50E+00	6.30E+00	-1.10E+00	3.79E+00	4.07E+00	NA	NA	NA	
	017	49.7	-37.9	4/28/2010	15:46	8.49E+03	5.09E+02	1.47E+02	5.36E+00	1.35E+00	6.85E-01	2.29E+00	5.31E+00	6.27E+00	2.98E+00	4.80E+00	6.12E+00	NA	NA	NA	
	018	49.7	-37.9	7/29/2010	12:24	7.07E+03	4.46E+02	1.00E+02	-1.52E-01	6.33E-01	8.23E-01	-1.63E+00	7.79E+00	8.33E+00	-1.74E+00	9.63E+00	1.03E+01	NA	NA	NA	
	019	49.7	-37.9	11/4/2010	15:55	7.08E+03	4.40E+02	1.10E+02	4.73E+00	1.11E+00	6.76E-01	1.15E-01	5.89E+00	6.52E+00	-2.28E+00	7.92E+00	7.79E+00	NA	NA	NA	
	020	49.7	-37.9	2/28/2011	12:43	3.14E+03	4.92E+02	3.37E+02	1.33E+00	2.00E+00	2.14E+00	-6.00E+00	5.58E+00	4.80E+00	-2.66E+00	5.94E+00	5.65E+00	NA	NA	NA	
	021	49.7	-37.9	4/28/2011	14:38	5.84E+03	9.06E+02	5.15E+02	3.41E+00	1.56E+00	1.11E+00	4.29E+00	8.42E+00	1.03E+01	-2.61E+00	8.50E+00	8.36E+00	NA	NA	NA	
	022	49.7	-37.9	8/16/2011	14:52	4.69E+03	7.59E+02	4.48E+02	2.93E+00	1.57E+00	1.36E+00	3.59E+00	8.22E+00	9.80E+00	-1.83E+00	9.33E+00	9.74E+00	NA	NA	NA	
	023	49.7	-37.9	12/7/2011	11:36	4.76E+03	8.10E+02	4.91E+02	5.23E+00	1.96E+00	1.24E+00	2.89E+00	7.74E+00	1.01E+01	5.68E+00	9.03E+00	1.31E+01	NA	NA	NA	
MW-37-22	001	17	-2	2/24/2006	9:50	1.07E+04	5.92E+03	6.39E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-37-22
	002	17	-2	2/28/2006	10:20	NA	NA	NA	2.40E+00	9.10E-01	9.16E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	002	17	-2	2/28/2006	10:20	1.28E+04	2.03E+03	1.31E+03	2.37E+00	8.91E-01	8.44E-01	2.41E+00	1.92E+01	1.95E+01	3.60E+00	1.58E+01	1.77E+01	4.24E+01	1.48E+01	1.47E+01	
	003	17	-2	3/10/2006	10:35	2.32E+04	2.57E+03	1.28E+03	4.70E+00	9.84E-01	7.87E-01	4.61E+00	1.46E+01	1.63E+01	5.65E+00	1.39E+01	1.57E+01	2.08E+01	1.27E+01	1.33E+01	
	004	17	-2	3/27/2006	10:35	3.49E+04	3.78E+03	1.81E+03	4.05E+00	8.76E-01	6.97E-01	9.75E-01	4.68E+00	5.21E+00	7.46E-01	4.48E+00	4.97E+00	5.43E+01	1.53E+01	1.52E+01	
	005	17	-2	6/27/2006	10:25	1.05E+04	8.55E+02	3.40E+02	9.57E+00	1.20E+00	7.87E-01	3.20E+00	6.92E+00	8.00E+00	-8.05E-01	6.94E+00	7.43E+00	NA	NA	NA	
	006	17	-2	9/29/2006	9:30	7.37E+03	1.22E+03	3.76E+02	1.42E+01	1.80E+00	9.01E-01	-3.84E-02	8.51E+00	9.49E+00	-1.03E+00	7.63E+00	7.69E+00	NA	NA	NA	
	007	17	-2	6/27/2007	10:50	4.05E+03	3.35E+02	1.94E+02	1.49E+01	2.13E+00	8.72E-01	-2.26E+00	4.88E+00	3.50E+00	-1.12E+00	3.24E+00	3.34E+00	NA	NA	NA	
	008	17	-2	8/7/2007	10:55	2.79E+03	2.69E+02	1.89E+02	1.83E+01	2.07E+00	8.57E-01	2.74E+00	3.93E+00	4.22E+00	4.23E-01	3.07E+00	3.54E+00	NA	NA	NA	
	009	17	-2	10/15/2007	14:30	2.26E+03	2.22E+02	1.69E+02	2.29E+01	2.28E+00	4.67E-01	1.33E+00	3.25E+00	3.78E+00	-1.42E+00	3.44E+00	3.44E+00	NA	NA	NA	
	010	17	-2	1/23/2008	10:42	6.52E+03	3.54E+02	1.71E+02	8.73E+00	1.27E+00	4.63E-01	-2.09E+00	2.96E+00	2.86E+00	2.34E-01	3.08E+00	3.49E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-37-22	011	17	-2	7/24/2008	11:20	4.33E+03	2.28E+02	1.95E+02	1.22E+01	1.25E+00	7.14E-01	4.32E-01	2.13E+00	3.66E+00	2.97E+00	2.57E+00	4.83E+00	NA	NA	NA	MW-37-22
	012	17	-2	11/10/2008	12:20	2.68E+03	3.92E+02	1.74E+02	1.80E+01	1.88E+00	4.08E-01	2.81E+00	4.96E+00	5.96E+00	-2.85E-01	4.53E+00	4.88E+00	NA	NA	NA	
	013	17	-2	1/21/2009	14:27	5.27E+03	5.36E+02	2.05E+02	8.81E+00	1.33E+00	6.79E-01	-3.12E-01	3.02E+00	3.27E+00	-2.03E+00	3.09E+00	2.82E+00	NA	NA	NA	
	014	17	-2	5/1/2009	12:16	3.85E+03	7.92E+02	4.73E+02	9.37E+00	1.37E+00	4.81E-01	1.09E+00	7.64E+00	5.09E+00	-8.00E-01	5.43E+00	5.74E+00	NA	NA	NA	
	015	17	-2	7/23/2009	14:40	4.70E+03	4.97E+02	2.27E+02	1.21E+01	1.56E+00	4.27E-01	4.22E-02	3.86E+00	4.38E+00	-1.57E+00	3.54E+00	3.56E+00	NA	NA	NA	
	016	17	-2	10/28/2009	11:39	4.56E+03	2.90E+02	1.62E+02	1.24E+01	1.51E+00	4.86E-01	-5.18E-02	5.66E+00	6.30E+00	-3.95E-01	6.42E+00	6.70E+00	NA	NA	NA	
	017	17	-2	1/29/2010	15:24	5.54E+03	9.63E+02	4.47E+02	1.22E+01	1.46E+00	4.07E-01	9.10E-01	3.98E+00	4.49E+00	-4.43E-01	4.51E+00	4.99E+00	NA	NA	NA	
	018	17	-2	4/27/2010	13:23	9.06E+03	4.26E+02	2.09E+02	1.29E+01	1.68E+00	6.44E-01	-1.08E+00	5.73E+00	5.64E+00	1.34E+00	4.41E+00	5.29E+00	NA	NA	NA	
	019	17	-2	8/5/2010	14:06	3.70E+03	3.26E+02	9.90E+01	5.19E+00	1.39E+00	9.19E-01	-1.60E+00	7.62E+00	8.20E+00	4.53E+00	7.13E+00	9.76E+00	NA	NA	NA	
	020	17	-2	11/4/2010	14:28	4.46E+03	3.57E+02	1.12E+02	1.38E+01	1.33E+00	5.33E-01	-2.26E+00	7.33E+00	7.68E+00	-1.24E+00	9.31E+00	1.00E+01	NA	NA	NA	
	021	17	-2	1/27/2011	15:19	6.74E+03	6.18E+02	2.98E+02	1.04E+01	2.52E+00	1.68E+00	-2.18E+00	4.74E+00	4.94E+00	2.59E+00	5.38E+00	6.55E+00	NA	NA	NA	
	022	17	-2	4/28/2011	12:05	6.87E+03	9.66E+02	5.14E+02	8.72E+00	2.90E+00	2.05E+00	7.12E-01	6.96E+00	7.67E+00	5.14E-01	7.86E+00	8.62E+00	NA	NA	NA	
	023	17	-2	8/16/2011	10:35	4.52E+03	7.56E+02	4.53E+02	7.59E+00	2.07E+00	1.32E+00	3.10E+00	7.26E+00	8.77E+00	-9.99E-01	7.35E+00	7.48E+00	NA	NA	NA	
	024	17	-2	11/23/2011	11:33	4.97E+03	8.28E+02	4.96E+02	8.02E+00	2.57E+00	1.38E+00	2.26E+00	9.12E+00	1.19E+01	-1.41E+00	7.35E+00	9.09E+00	NA	NA	NA	
MW-37-32	002	29	-14	2/28/2006	12:00	2.86E+04	2.73E+03	1.32E+03	1.78E+01	1.49E+00	2.22E+00	1.27E+01	1.93E+01	2.17E+01	1.50E+01	1.90E+01	2.20E+01	3.41E+01	1.46E+01	1.48E+01	MW-37-32
	002	29	-14	2/28/2006	12:00	NA	NA	NA	1.82E+01	1.72E+00	2.28E+00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	29	-14	3/10/2006	12:50	2.83E+04	2.79E+03	1.28E+03	1.52E+01	1.39E+00	1.90E+00	1.43E+01	1.59E+01	1.78E+01	1.51E+00	1.51E+01	1.65E+01	1.13E+01	1.26E+01	1.34E+01	
	004	29	-14	3/27/2006	11:10	1.39E+04	2.61E+03	1.72E+03	1.95E+01	1.59E+00	2.44E+00	1.10E+00	4.72E+00	5.25E+00	-8.50E-01	4.41E+00	4.80E+00	6.09E+00	1.40E+01	1.51E+01	
	005	29	-14	6/27/2006	9:15	7.92E+03	6.63E+02	2.99E+02	2.98E+01	2.64E+00	3.72E+00	-2.37E-01	5.24E+00	6.07E+00	-2.02E-01	4.75E+00	5.78E+00	NA	NA	NA	
	006	29	-14	9/29/2006	10:15	1.15E+04	1.88E+03	4.64E+02	1.53E+01	1.80E+00	1.91E+00	-3.21E+00	8.98E+00	8.67E+00	2.51E+00	8.73E+00	1.06E+01	NA	NA	NA	
	001	29	-14	2/24/2007	10:55	3.01E+04	9.93E+03	6.39E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	007	29	-14	6/27/2007	12:20	3.13E+03	3.05E+02	1.93E+02	1.85E+01	2.37E+00	2.31E+00	-1.49E+00	3.86E+00	3.38E+00	1.63E+00	3.38E+00	4.14E+00	NA	NA	NA	
	008	29	-14	8/7/2007	10:56	3.81E+03	2.97E+02	1.87E+02	1.89E+01	2.02E+00	2.36E+00	1.99E+00	3.18E+00	3.88E+00	1.88E+00	3.19E+00	4.01E+00	NA	NA	NA	
	009	29	-14	10/15/2007	14:36	2.49E+03	2.30E+02	1.69E+02	2.13E+01	2.19E+00	2.66E+00	8.79E-01	4.61E+00	4.81E+00	2.53E+00	3.75E+00	4.70E+00	NA	NA	NA	
	010	29	-14	1/23/2008	11:03	6.76E+03	3.57E+02	1.70E+02	1.52E+01	1.59E+00	3.65E-01	1.09E+00	2.70E+00	3.16E+00	-5.32E-02	2.72E+00	2.55E+00	NA	NA	NA	
	011	29	-14	7/24/2008	12:28	5.16E+03	2.45E+02	1.95E+02	2.06E+01	1.51E+00	8.63E-01	-4.08E-01	1.58E+00	2.18E+00	-1.46E-01	2.04E+00	2.58E+00	NA	NA	NA	
	012	29	-14	11/10/2008	12:20	2.89E+03	4.01E+02	1.71E+02	1.86E+01	1.95E+00	3.99E-01	1.71E+00	5.33E+00	6.24E+00	4.09E-01	5.37E+00	6.14E+00	NA	NA	NA	
	013	29	-14	1/21/2009	14:30	3.76E+03	4.61E+02	2.04E+02	1.11E+01	1.49E+00	6.27E-01	1.59E+00	2.84E+00	3.40E+00	-7.12E-01	3.32E+00	3.49E+00	NA	NA	NA	
	014	29	-14	5/1/2009	12:13	4.83E+03	8.66E+02	4.72E+02	1.72E+01	1.80E+00	6.64E-01	-2.55E+00	7.43E+00	4.95E+00	1.24E-01	3.66E+00	4.12E+00	NA	NA	NA	
	015	29	-14	7/23/2009	15:07	5.48E+03	5.28E+02	2.25E+02	2.38E+01	2.17E+00	6.75E-01	-6.60E-01	3.35E+00	3.66E+00	-1.22E+00	3.10E+00	3.12E+00	NA	NA	NA	
	016	29	-14	10/28/2009	11:37	4.56E+03	2.88E+02	1.61E+02	2.20E+01	2.04E+00	7.01E-01	-3.69E+00	7.75E+00	7.99E+00	2.12E-01	4.67E+00	5.38E+00	NA	NA	NA	
	017	29	-14	1/29/2010	15:43	5.69E+03	1.05E+03	6.73E+02	2.03E+01	1.89E+00	4.73E-01	1.04E+00	3.51E+00	3.99E+00	-5.67E-01	3.75E+00	4.02E+00	NA	NA	NA	
	018	29	-14	4/27/2010	17:25	7.24E+03	3.90E+02	2.10E+02	1.87E+01	2.28E+00	6.59E-01	6.85E-01	5.87E+00	6.72E+00	-2.27E+00	4.88E+00	4.69E+00	NA	NA	NA	
	019	29	-14	8/5/2010	14:00	4.80E+03	3.69E+02	9.97E+01	1.41E+01	1.85E+00	5.42E-01	-5.90E+00	8.89E+00	8.07E+00	-3.93E-01	8.67E+00	9.54E+00	NA	NA	NA	
	020	29	-14	11/4/2010	13:14	5.99E+03	4.22E+02	1.17E+02	-2.91E-01	6.15E-01	7.91E-01	-4.11E+00	7.41E+00	7.07E+00	1.54E+00	7.68E+00	9.04E+00	NA	NA	NA	
	021	29	-14	1/27/2011	15:09	4.57E+03	5.28E+02	2.98E+02	1.49E+01	3.02E+00	1.74E+00	4.20E-01	6.12E+00	6.85E+00	1.72E+00	6.60E+00	7.76E+00	NA	NA	NA	
	022	29	-14	4/28/2011	12:21	4.11E+03	7.98E+02	5.15E+02	2.62E+01	3.76E+00	1.68E+00	3.56E+00	1.20E+01	1.42E+01	-1.92E+00	1.09E+01	1.09E+01	NA	NA	NA	
	023	29	-14	8/16/2011	11:00	5.23E+03	7.95E+02	4.52E+02	1.68E+01	2.87E+00	1.13E+00	-2.53E+00	8.34E+00	7.53E+00	-6.09E+00	9.06E+00	8.10E+00	NA	NA	NA	
	024	29	-14	11/23/2011	11:19	4.33E+03	7.80E+02	4.91E+02	1.26E+01	3.21E+00	1.52E+00	7.81E+00	9.00E+00	1.28E+01	-6.59E+00	8.76E+00	8.06E+00	NA	NA	NA	
MW-37-40	001	39.2	-24.2	2/24/2006	11:35	1.68E+04	7.41E+03	6.39E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-37-40
	002	39.2	-24.2	2/28/2006	11:40	1.47E+04	2.13E+03	1.32E+03	3.86E+00	1.23E+00	1.19E+00	1.79E+01	1.71E+01	1.96E+01	1.53E+00	1.64E+01	1.81E+01	5.65E+01	1.65E+01	1.61E+01	
	002	39.2	-24.2	2/28/2006	11:40	NA	NA	NA	4.91E+00	1.23E+00	1.08E+00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	39.2	-24.2	3/10/2006	10:25	1.70E+04	2.30E+03	1.29E+03	1.35E+01	1.32E+00	7.28E-01	5.51E+00	1.45E+01	1.62E+01	1.99E+00	1.47E+01	1.62E+01	1.24E+01	1.35E+01	1.44E+01	
	004	39.2	-24.2	3/27/2006	11:55	1.56E+04	2.82E+03	1.82E+03	1.11E+01	1.12E+00	5.90E-01	3.34E+00	6.14E+00	5.43E+00	4.03E+00	4.71E+00	5.39E+00	6.37E+00	1.35E+01	1.47E+01	
	006	39.2	-24.2	6/27/2006	10:15	1.42E+04	1.13E+03	3.89E+02	2.44E+01	1.71E+00	7.03E-01	8.68E+00	7.68E+00	9.25E+00	-4.36E+00	6.70E+00	6.60E+00	NA	NA	NA	
	007	39.2	-24.2	6/27/2007	11:00	6.35E+03	3.99E+02	1.93E+02	4.69E+00	1.14E+00	8.47E-01	5.92E-01	3.36E+00	3.91E+00	-1.07E+00	3.15E+00	3.22E+00	NA	NA	NA	
	008	39.2	-24.2	8/7/2007	13:45	5.85E+03	3.50E+02	1.88E+02	9.76E+00	1.51E+00	6.27E-01	1.10E+00	3.12E+00	3.71E+00	-2.48E-01	3.36E+00	3.70E+00	NA	NA	NA	
	009	39.2	-24.2	10/15/2007	15:00	5.69E+03	3.03E+02	1.69E+02	5.98E+00	1.28E+00	7.48E-01	7.63E-01	2.91E+00	3.38E+00	5.99E-01	2.82E+00	3.32E+00	NA	NA	NA	
	010	39.2	-24.2	2/1/2008	17:20	6.73E+03	3.17E+02	1.33E+02	9.48E-01	8.54E-01	8.45E-01	3.09E-01	2.63E+00	2.95E+00	-3.70E-01	2.75E+00	2.94E+00	-4.35E+00	1.46E+01	1.76E+01	
	011	39.2	-24.2	7/24/2008	13:12	5.24E+03	2.43E+02	1.91E+02	1.31E+00	4.41E-01	5.07E-01	-1.10E+00	1.52E+00	2.48E+00	-1.35E+00	2.11E+00	2.70E+00	NA	NA	NA	
	012	39.2	-24.2	11/10/2008	16:17	5.49E+03	5.45E+02	1.76E+02	1.13E+00	5.31E-01	3.83E-01	3.61E-01	6.03E+00	6.83E+00	5.04E+00	7.42E+00	9.22E+00	NA	NA	NA	
	013	39.2	-24.2	1/22/2009	13:05	4.91E+03	5.13E+02	2.00E+02	3.47E+00	8.85E-01	5.69E-01	-2.64E+00	3.78E+00	3.27E+00	2.67E+00	3.14E+00	4.08E+00	NA	NA	NA	
	014	39.2	-24.2	5/1/2009	14:15	4.38E+03	8.33E+02	4.73E+02	1.11E+00	5.15E-01	3.77E-01	-2.89E-01	7.70E+00	5.13E+00	2.74E+00	5.21E+00	6.44E+00	NA	NA	NA	
	015	39.2	-24.2	7/23/2009	14:16	4.22E+03	4.74E+02	2.26E+02	1.19E+01	1.39E+00	3.48E-01	-1.35E-01	3.99E+00	4.50E+00	-3.89E-01	3.12E+00	3.38E+00	NA	NA	NA	
	016	39.2	-24.2	10/28/2009	13:48	4.52E+03	2.88E+02	1.62E+02	1.69E+01	1.75E+00	7.12E-01	2.63E+00	6.40E+00	7.65E+00	3.10E+00	6.72E+00	8.29E+00	NA	NA	NA	
	017	39.2	-24.2	1/29/2010	12:52	4.70E+03	8.82E+02	4.33E+02	1.25E+01	1.44E+00	4.29E-01	7.58E-01	5.10E+00	5.66E+00	-1.29E+00	4.93E+00	5.38E+00	NA	NA	NA	
	018	39.2	-24.2	4/27/2010	12:43	5.37E+03	3.45E+02	2.07E+02	1.71E+01	1.81E+00	6.52E-01	-2.56E+00	4.54E+00	4.41E+00	-7.35E-02	5.03E+00	5.51E+00	NA	NA	NA	
	019	39.2	-24.2	8/5/2010	14:25	7.00E+03	4.43E+02	9.99E+01	1.43E+01	1.74E+00	4.81E-01	3.15E-01	7.86E+00	9.00E+00	3.82E+00	7.44E+00	9.31E+00	NA	NA	NA	
	020	39.2	-24.2	11/4/2010	12:06	6.41E+03	4.29E+02	1.15E+02	1.28E+01	1.92E+00	6.32E-01	2.77E+00	8.58E+00	1.03E+01	-2.01E+00	8.29E+00	8.39E+00	NA	NA	NA	
	021	39.2	-24.2	1/27/2011	13:35	5.97E+03	7.42E+02	3.82E+02	1.93E+01	3.34E+00	1.85E+00	1.95E+00	5.84E+00	6.78E+00	2.03E+00	6.84E+00	7.92E+00	NA	NA	NA	
	022	39.2	-24.2	4/28/2011	11:31	3.92E+03	8.02E+02	5.33E+02	2.30E+01	3.66E+00	1.68E+00	4.10E+00	9.02E+00	1.09E+01	6.47E-01	8.94E+00	1.02E+01	NA	NA	NA	
	023	39.2	-24.2	8/16/2011	11:24	5.03E+03	7.86E+02	4.53E+02	1.95E+01	3.18E+00	1.17E+00	-2.08E+00	8.25E+00	8.54E+00	1.79E+00	7.35E+00	8.59E+00	NA	NA	NA	
	024	39.2	-24.2	11/23/2011	11:46	5.22E+03	8.28E+02	4.83E+02	1.50E+01	3.45E+00	1.47E+00	1.06E+00	1.43E+01	7.71E+00	9.11E-01	7.29E+00	1.00E+01	NA	NA	NA	
MW-37-57	001	53.2	-38.2	2/24/2006	10:30	1.60E+04	7.22E+03	6.39E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-37-57
	002	53.2	-38.2	2/28/2006	13:35	1.33E+04	2.06E+00	1.32E+03	2.22E+01	1.75E+00	1.05E+00	1.81E+00	2.14E+01	2.44E+01	5.22E+00	1.82E+01	2.14E+01	2.91E+01	1.50E+01	1.54E+01	
	002	53.2	-38.2	2/28/2006	13:35	NA	NA	NA	2.27E+01	2.00E+00	1.02E+00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	53.2	-38.2	3/10/2006	11:45	1.91E+04	2.40E+03	1.29E+03	2.29E+01	1.74E+00	7.68E-01	1.46E+00	1.76E+01	1.77E+01	7.74E+00	1.53E+01	1.73E+01	1.04E+01	1.33E+01	1.43E+01	
	004	53.2	-38.2	3/27/2006	13:55	1.59E+04	2.84E+03	1.81E+03	1.65E+01	1.38E+00	6.60E-01	2.52E+00	5.25E+00	5.80E+00	3.94E+00	4.86E+00	5.53E+00	3.71E+00	1.37E+01	1.49E+01	
	005	53.2	-38.2	6/27/2006	9:35	4.48E+04	3.42E+03	6.83E+02	2.73E+01	1.89E+00	8.18E-01	NA	NA	NA	2.04E+00	5.77E+00	6.52E+00	NA	NA	NA	
	006	53.2	-38.2	9/29/2006	10:40	1.05E+04	1.74E+03	4.52E+02	1.81E+01	1.88E+00	7.87E-01	-3.39E+00	8.04E+00	7.81E+00	2.60E+00	8.86E+00	1.07E+01	NA	NA	NA	
	007	53.2	-38.2	6/27/2007	12:20	5.89E+03	3.89E+02	1.95E+02	2.42E+01	3.03E+00	8.84E-01	2.45E+00	3.51E+00	4.32E+00	-9.58E-02	4.67E+00	4.84E+00	NA	NA	NA	
	008	53.2	-38.2	8/7/2007	12:55	6.68E+03	3.68E+02	1.88E+02	2.33E+01	2.15E+00	5.01E-01	-1.35E+00	3.27E+00	3.42E+00	-3.64E-02	3.86E+00	4.33E+00	NA	NA	NA	
	009	53.2	-38.2	10/15/2007	15:00	4.88E+03	2.85E+02	1.68E+02	2.78E+01	2.49E+00	5.53E-01	3.62E-01	2.67E+00	2.72E+00	1.20E-01	2.40E+00	2.77E+00	NA	NA	NA	
	010	53.2	-38.2	2/1/2008	16:31	6.63E+03	3.14E+02	1.33E+02	2.89E+01	3.20E+00	9.62E-01	-9.11E-01	3.72E+00	3.68E+00	-2.93E-01	3.12E+00	3.45E+00	8.47E-01	1.46E+01	1.71E+01	
	011	53.2	-38.2	7/24/2008	13:20	5.33E+03	2.47E+02	1.94E+02	2.12E+01	1.46E+00	5.27E-01	-7.11E-01	1.88E+00	3.07E+00	-1.17E+00	2.10E+00	3.24E+00	NA	NA	NA	
	012	53.2	-38.2	11/10/2008	11:04	4.27E+03	4.77E+02	1.71E+02	2.40E+01	2.29E+00	6.36E-01	-1.57E-01	6.08E+00	6.80E+00	9.78E-01	7.18E+00	8.14E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-37-57	013	53.2	-38.2	1/21/2009	14:22	5.04E+03	5.21E+02	2.02E+02	1.99E+01	1.97E+00	6.68E-01	3.77E-02	3.44E+00	3.80E+00	1.05E+00	3.71E+00	4.35E+00	NA	NA	NA	MW-37-57
	014	53.2	-38.2	5/1/2009	12:39	5.94E+03	5.24E+02	1.61E+02	2.49E+01	2.15E+00	5.69E-01	-2.83E-02	7.56E+00	5.04E+00	5.79E-01	4.89E+00	5.60E+00	NA	NA	NA	
	015	53.2	-38.2	7/23/2009	15:12	4.05E+03	4.61E+02	2.22E+02	3.17E+01	2.46E+00	6.47E-01	9.63E-01	3.07E+00	3.68E+00	3.34E-01	3.17E+00	3.55E+00	NA	NA	NA	
	016	53.2	-38.2	10/28/2009	12:00	4.20E+03	2.81E+02	1.62E+02	2.88E+01	2.58E+00	8.87E-01	1.78E+00	5.84E+00	6.92E+00	-1.29E-01	6.51E+00	7.24E+00	NA	NA	NA	
	017	53.2	-38.2	1/29/2010	15:43	5.07E+03	9.08E+02	4.31E+02	1.76E+01	1.80E+00	4.25E-01	1.11E+00	4.16E+00	4.74E+00	5.45E-01	3.90E+00	4.50E+00	NA	NA	NA	
	018	53.2	-38.2	4/27/2010	17:28	5.20E+03	3.50E+02	2.16E+02	1.90E+01	2.15E+00	6.60E-01	-5.08E+00	7.63E+00	7.24E+00	1.71E+00	6.43E+00	7.85E+00	NA	NA	NA	
	019	53.2	-38.2	8/5/2010	13:59	7.30E+03	4.52E+02	9.94E+01	1.73E+01	1.69E+00	5.57E-01	-2.16E+00	7.37E+00	7.75E+00	-6.93E-01	8.96E+00	9.77E+00	NA	NA	NA	
	020	53.2	-38.2	11/4/2010	13:49	6.72E+03	4.41E+02	1.15E+02	1.97E+01	2.15E+00	5.70E-01	6.72E+00	1.52E+01	9.04E+00	-3.60E+00	7.95E+00	7.35E+00	NA	NA	NA	
	021	53.2	-38.2	1/27/2011	15:26	5.63E+03	5.76E+02	2.99E+02	2.02E+01	3.60E+00	1.96E+00	-3.70E-01	6.34E+00	6.92E+00	-1.36E+00	5.64E+00	5.68E+00	NA	NA	NA	
	022	53.2	-38.2	4/28/2011	12:17	5.81E+03	8.98E+02	5.07E+02	1.58E+01	3.54E+00	2.00E+00	5.18E+00	1.72E+01	8.67E+00	-1.42E+00	8.36E+00	8.80E+00	NA	NA	NA	
	023	53.2	-38.2	8/16/2011	10:55	5.11E+03	7.98E+02	4.59E+02	2.15E+01	3.27E+00	1.30E+00	1.82E+00	7.92E+00	9.16E+00	-1.34E+00	6.39E+00	6.57E+00	NA	NA	NA	
	024	53.2	-38.2	11/23/2011	11:22	4.87E+03	8.16E+02	4.91E+02	1.88E+01	3.90E+00	1.81E+00	-6.08E-01	8.28E+00	1.01E+01	3.00E+00	9.12E+00	1.27E+01	NA	NA	NA	
MW-38	002	25.4	-11.1	12/8/2005	10:30	9.85E+02	4.38E+02	4.54E+02	-4.38E+00	9.29E+00	1.25E+01	2.93E+00	8.80E+00	6.57E+00	2.99E+00	8.98E+00	7.06E+00	NA	NA	NA	MW-38
	003	25.4	-11.1	12/30/2005	11:50	2.50E+02	4.29E+02	4.71E+02	NA	NA	NA	2.84E+00	8.51E+00	6.39E+00	2.81E+00	8.43E+00	6.71E+00	NA	NA	NA	
	004	25.4	-11.1	1/10/2006	13:50	1.01E+03	4.50E+02	4.66E+02	NA	NA	NA	3.71E+00	1.11E+01	8.02E+00	3.55E+00	1.06E+01	8.02E+00	NA	NA	NA	
	005	25.4	-11.1	1/19/2006	13:15	7.58E+02	4.29E+02	4.61E+02	NA	NA	NA	3.13E+00	9.38E+00	7.14E+00	3.71E+00	1.11E+01	8.77E+00	NA	NA	NA	
	006	25.4	-11.1	1/25/2006	12:15	1.44E+03	4.59E+02	4.61E+02	NA	NA	NA	3.67E+00	1.10E+01	8.21E+00	4.18E+00	1.25E+01	9.71E+00	NA	NA	NA	
	007	25.4	-11.1	2/1/2006	13:30	3.39E+02	4.23E+02	4.60E+02	NA	NA	NA	3.06E+00	9.19E+00	6.91E+00	3.03E+00	9.09E+00	7.30E+00	NA	NA	NA	
	008	25.4	-11.1	2/8/2006	11:15	1.88E+02	3.30E+02	3.46E+02	1.35E-01	4.34E-01	5.15E-01	5.29E+00	1.16E+01	1.31E+01	2.41E+00	1.17E+01	1.31E+01	NA	NA	NA	
	009	25.4	-11.1	2/16/2006	10:05	1.47E+02	4.11E+02	4.54E+02	NA	NA	NA	2.91E+00	8.74E+00	6.54E+00	2.48E+00	7.44E+00	6.05E+00	NA	NA	NA	
	010	25.4	-11.1	2/23/2006	13:25	2.63E+03	4.98E+02	4.61E+02	NA	NA	NA	1.97E+00	5.90E+00	4.22E+00	1.88E+00	5.63E+00	4.19E+00	NA	NA	NA	
	011	25.4	-11.1	3/3/2006	8:50	3.70E+02	4.71E+02	4.66E+02	NA	NA	NA	2.65E+00	7.94E+00	6.38E+00	4.53E+00	1.36E+01	1.08E+01	NA	NA	NA	
	013	25.4	-11.1	5/22/2006	9:20	7.59E+02	4.11E+02	4.46E+02	1.52E-01	2.88E-01	3.20E-01	3.42E+00	1.03E+01	7.57E+00	3.40E+00	1.02E+01	7.93E+00	NA	NA	NA	
	014	25.4	-11.1	6/21/2006	9:48	7.62E+02	1.77E+02	1.70E+02	NA	NA	NA	5.90E-01	2.10E+00	2.40E+00	1.20E+00	2.07E+00	2.20E+00	NA	NA	NA	
	014	25.4	-11.1	6/21/2006	9:48	9.16E+02	4.38E+02	4.60E+02	-2.66E+00	2.16E+00	2.40E+00	2.52E+00	7.56E+00	5.45E+00	2.50E+00	7.49E+00	5.59E+00	1.10E+00	5.70E+00	6.40E+00	
	015	25.4	-11.1	7/6/2006	12:00	5.93E+02	4.20E+02	4.52E+02	-3.70E-01	4.50E-01	5.20E-01	3.40E+00	1.02E+01	7.70E+00	2.98E+00	8.95E+00	7.41E+00	NA	NA	NA	
	016	25.4	-11.1	8/7/2006	13:23	2.15E+02	1.80E+02	1.74E+02	5.00E-02	6.30E-01	7.10E-01	2.29E+00	6.47E+00	9.51E+00	-7.22E-01	6.90E+00	9.33E+00	2.75E+01	2.94E+01	3.13E+01	
	017	25.4	-11.1	9/5/2006	11:30	3.53E+02	1.86E+02	1.67E+02	-5.30E-01	7.80E-01	8.70E-01	3.81E-01	7.68E+00	8.63E+00	-4.48E-01	6.20E+00	6.42E+00	NA	NA	NA	
	018	25.4	-11.1	11/22/2006	10:38	1.78E+02	4.08E+02	4.50E+02	-7.00E-02	6.60E-01	7.30E-01	3.13E+00	9.38E+00	7.14E+00	3.08E+00	9.25E+00	7.53E+00	NA	NA	NA	
	019	25.4	-11.1	2/12/2007	9:58	2.24E+03	6.00E+02	5.30E+02	-5.10E-01	1.32E+00	1.50E+00	2.73E+00	1.92E+00	2.00E+00	-1.03E+00	1.41E+00	1.80E+00	NA	NA	NA	
	020	25.4	-11.1	8/16/2007	11:30	6.04E+02	1.53E+02	1.44E+02	-9.21E-02	6.92E-01	8.85E-01	1.21E+00	3.07E+00	3.65E+00	2.48E+00	3.01E+00	3.98E+00	NA	NA	NA	
	021	25.4	-11.1	4/22/2009	10:45	2.74E+02	1.67E+02	1.77E+02	3.53E-01	7.50E-01	8.49E-01	-2.57E-01	4.41E+00	2.94E+00	6.51E-01	2.55E+00	2.94E+00	NA	NA	NA	
MW-39-67	001	67	13	5/22/2007	9:53	4.73E+02	1.77E+02	1.31E+02	2.76E+00	8.57E-01	5.71E-01	1.23E-01	1.67E+00	1.85E+00	1.84E+00	1.88E+00	2.08E+00	-3.11E+00	1.06E+01	1.23E+01	MW-39-67
	002	67	13	8/7/2007	16:30	3.25E+02	1.86E+02	1.95E+02	4.78E+00	1.13E+00	6.32E-01	2.59E+00	4.62E+00	3.57E+00	2.62E-01	2.55E+00	2.96E+00	NA	NA	NA	
	003	67	13	1/17/2008	14:35	3.57E+02	1.95E+02	1.83E+02	3.52E+00	1.29E+00	8.53E-01	-1.28E-01	3.17E+00	3.57E+00	1.76E+00	3.63E+00	4.25E+00	NA	NA	NA	
	004	67	13	5/1/2008	13:48	3.18E+02	1.24E+02	1.96E+02	2.21E+00	6.17E-01	6.78E-01	-3.01E-01	1.58E+00	2.53E+00	3.64E-01	1.80E+00	3.11E+00	NA	NA	NA	
	005	67	13	10/23/2008	12:53	4.15E+02	2.01E+02	1.99E+02	3.31E+00	1.12E+00	7.74E-01	-1.28E+00	5.46E+00	5.95E+00	-1.22E-01	5.38E+00	6.06E+00	NA	NA	NA	
	006	67	13	4/9/2009	14:55	3.38E+02	1.67E+02	1.50E+02	3.35E+00	9.68E-01	6.51E-01	-8.08E-01	5.12E+00	3.41E+00	9.19E-01	3.60E+00	4.21E+00	NA	NA	NA	
	007	67	13	11/5/2009	15:11	4.41E+02	1.20E+02	9.84E+01	2.37E+00	7.72E-01	5.02E-01	-6.24E-01	5.07E+00	5.46E+00	2.05E+00	5.21E+00	6.29E+00	NA	NA	NA	
	008	67	13	5/4/2010	15:23	3.79E+02	2.01E+02	2.13E+02	1.26E+00	6.60E-01	6.33E-01	4.66E-01	5.42E+00	6.14E+00	1.30E+00	6.75E+00	7.87E+00	NA	NA	NA	
	009	67	13	7/22/2010	14:26	2.86E+02	1.19E+02	9.90E+01	1.73E+00	6.00E-01	3.90E-01	2.94E+00	6.33E+00	7.80E+00	-5.65E+00	7.25E+00	5.04E+00	NA	NA	NA	
	010	67	13	11/15/2010	16:28	3.74E+02	1.86E+02	3.88E+02	1.96E+00	9.36E-01	1.94E+00	-1.74E+00	3.99E+00	8.40E+00	-3.17E+00	4.38E+00	8.38E+00	NA	NA	NA	
	011	67	13	4/26/2011	14:52	1.09E+04	9.64E+02	4.18E+02	1.74E+00	1.49E+00	1.50E+00	-8.12E-01	8.22E+00	8.78E+00	-4.05E+00	9.42E+00	9.00E+00	NA	NA	NA	
	012	67	13	7/15/2011	13:42	2.24E+03	6.12E+02	4.40E+02	2.55E-01	1.16E+00	1.34E+00	-1.15E-01	8.28E+00	9.19E+00	-2.42E-02	9.72E+00	1.12E+01	NA	NA	NA	
	013	67	13	8/29/2011	13:47	1.49E+04	1.24E+03	4.51E+02	1.08E+00	1.18E+00	1.20E+00	2.23E+00	7.77E+00	8.94E+00	4.82E+00	8.25E+00	1.05E+01	NA	NA	NA	
	014	67	13	12/1/2011	14:04	1.03E+03	5.13E+02	4.75E+02	2.37E+00	1.90E+00	1.76E+00	-3.99E+00	9.24E+00	1.02E+01	-3.39E+00	8.07E+00	9.37E+00	NA	NA	NA	
MW-39-84	001	83.5	-3.5	5/22/2007	10:38	5.91E+02	1.89E+02	1.29E+02	1.72E+00	7.22E-01	5.57E-01	-9.07E-02	1.53E+00	1.69E+00	5.61E-01	1.58E+00	1.81E+00	-1.68E+00	9.99E+00	1.15E+01	MW-39-84
	002	83.5	-3.5	8/7/2007	15:30	2.52E+02	1.77E+02	1.91E+02	7.97E-01	7.18E-01	7.30E-01	3.55E-01	3.07E+00	3.44E+00	-1.11E+00	3.59E+00	3.76E+00	NA	NA	NA	
	003	83.5	-3.5	1/17/2008	13:25	1.43E+02	1.70E+02	1.84E+02	1.78E+00	9.47E-01	7.24E-01	-2.74E+00	2.99E+00	2.86E+00	8.36E-01	2.94E+00	3.50E+00	NA	NA	NA	
	004	83.5	-3.5	5/1/2008	14:10	1.50E+02	1.18E+02	1.96E+02	2.23E+00	7.07E-01	8.93E-01	-2.12E-01	2.24E+00	3.67E+00	-2.12E-01	2.24E+00	3.67E+00	NA	NA	NA	
	005	83.5	-3.5	10/23/2008	12:56	2.34E+02	1.88E+02	1.99E+02	1.04E+00	6.90E-01	5.86E-01	1.74E+00	5.88E+00	6.93E+00	1.12E+00	6.98E+00	8.05E+00	NA	NA	NA	
	006	83.5	-3.5	4/9/2009	15:25	1.85E+02	1.48E+02	1.50E+02	2.05E+00	7.71E-01	6.01E-01	-3.09E-01	4.19E+00	2.79E+00	1.63E+00	2.67E+00	3.42E+00	NA	NA	NA	
	007	83.5	-3.5	11/5/2009	15:14	2.42E+02	1.02E+02	9.56E+01	1.11E+00	6.78E-01	6.28E-01	-1.25E+00	1.06E+01	1.16E+01	3.13E+00	6.23E+00	7.74E+00	NA	NA	NA	
	008	83.5	-3.5	5/4/2010	15:32	2.25E+02	1.95E+02	2.12E+02	1.26E+00	6.00E-01	5.62E-01	1.07E+00	5.85E+00	6.81E+00	-2.75E+00	5.78E+00	5.93E+00	NA	NA	NA	
	009	83.5	-3.5	7/22/2010	14:42	3.70E+02	1.30E+02	1.01E+02	8.43E-01	6.21E-01	5.85E-01	-3.32E+00	6.79E+00	6.90E+00	2.43E+00	6.95E+00	8.54E+00	NA	NA	NA	
	010	83.5	-3.5	11/15/2010	16:38	2.51E+02	2.10E+02	4.59E+02	1.80E+00	8.83E-01	1.86E+00	3.58E+00	4.41E+00	1.05E+01	7.47E+00	4.82E+00	1.24E+01	NA	NA	NA	
	011	83.5	-3.5	4/26/2011	14:25	4.40E+02	4.02E+02	4.13E+02	-2.03E-01	1.15E+00	1.50E+00	-9.39E-01	7.42E+00	7.84E+00	-4.02E-01	6.92E+00	7.41E+00	NA	NA	NA	
	012	83.5	-3.5	7/15/2011	14:33	3.55E+02	4.17E+02	4.40E+02	6.54E-01	1.15E+00	1.27E+00	-1.78E+00	1.43E+01	1.71E+01	-4.89E+00	9.45E+00	8.20E+00	NA	NA	NA	
	013	83.5	-3.5	8/29/2011	13:56	2.38E+02	4.14E+02	4.54E+02	8.64E-01	1.00E+00	1.00E+00	5.19E+00	1.54E+01	9.85E+00	-1.20E+00	9.99E+00	1.04E+01	NA	NA	NA	
	014	83.5	-3.5	12/1/2011	14:17	1.39E+02	4.32E+02	4.88E+02	3.12E+00	2.08E+00	1.81E+00	-1.59E+00	6.48E+00	7.42E+00	-1.71E+00	8.82E+00	1.05E+01	NA	NA	NA	
MW-39-102	001	101.5	-21.5	5/22/2007	10:40	8.05E+02	2.13E+02	1.29E+02	1.32E+00	7.17E-01	6.21E-01	-3.99E-02	1.81E+00	1.99E+00	6.54E-01	1.78E+00	2.11E+00	6.39E-02	1.15E+01	1.32E+01	MW-39-102
	002	101.5	-21.5	8/7/2007	14:25	3.21E+02	1.79E+02	1.88E+02	4.71E-01	5.61E-01	5.95E-01	-7.63E-01	3.35E+00	3.60E+00	-2.47E+00	4.70E+00	4.22E+00	NA	NA	NA	
	003	101.5	-21.5	1/17/2008	13:32	1.54E+02	1.67E+02	1.79E+02	9.88E-01	8.36E-01	7.97E-01	7.42E-01	2.37E+00	2.83E+00	7.91E-01	3.45E+00	2.98E+00	NA	NA	NA	
	004	101.5	-21.5	4/30/2008	14:56	5.03E+02	1.69E+02	2.44E+02	8.83E-01	5.43E-01	7.95E-01	-1.02E+00	2.63E+00	4.00E+00	4.88E-01	1.90E+00	3.34E+00	-1.07E+01	1.40E+01	2.48E+01	
	005	101.5	-21.5	10/22/2008	13:56	1.68E+02	1.83E+02	2.00E+02	1.23E+00	7.18E-01	5.92E-01	6.57E-01	6.18E+00	6.75E+00	-1.90E+00	5.47E+00	5.53E+00	NA	NA	NA	
	006	101.5	-21.5	4/9/2009	15:38	2.20E+02	1.53E+02	1.51E+02	2.40E+00	8.22E-01	6.31E-01	-8.17E-02	5.07E+00	3.38E+00	1.30E+00	3.12E+00	3.80E+00	NA	NA	NA	
	007	101.5	-21.5	11/5/2009	15:12	2.67E+02	1.08E+02	9.93E+01	1.24E+00	1.02E+00	1.05E+00	-2.19E+00	6.51E+00	5.89E+00	-4.22E+00	7.20E+00	6.76E+00	NA	NA	NA	
	008	101.5	-21.5	5/4/2010	15:27	3.93E+02	2.01E+02	2.13E+02	4.15E-01	6.36E-01	6.97E-01	-2.40E+00	5.49E+00	5.72E+00	-5.18E-01	6.30E+00	6.91E+00	NA	NA	NA	
	009	101.5	-21.5	7/22/2010	14:52	2.39E+02	1.49E+02	1.49E+02	4.05E+00	9.93E-01	4.71E-01	-1.08E+00	6.35E+00	6.98E+00	-3.68E+00	5.55E+00	4.42E+00	NA	NA	NA	
	010	101.5	-21.5	11/15/2010	16:12	3.61E+02	1.83E+02	3.84E+02	1.40E+00	9.00E-01	1.93E+00	2.98E+00	3.38E+00	8.21E+00	-4.12E+00	3.52E+00	6.23E+00	NA	NA	NA	
	011	101.5	-21.5	4/26/2011	14:33	1.43E+04	1.09E+03	4.19E+02	1.08E+00	1.85E+00	2.03E+00	4.48E+01	2.08E+01	9.86E+00	6.03E+00	7.96E+00	1.07E+01	NA	NA	NA	
	012	101.5	-21.5	7/15/2011	14:02	1.24E+04	1.20E+03	4.36E+02	5.88E-01	1.09E+00	1.20E+00	3.70E+00	8.76E+00	1.02E+01	-6.84E-01	9.42E+00	9.35E+00	NA	NA	NA	
	013	101.5	-21.5	8/29/2011	14:11	1.90E+04	1.37E+03	4.41E+02	-7.38E-01	1.20E+00	1.60E+00	-3.14E+00	7.92E+00	7.72E+00	4.66E+00	7.83E+00	1.04E+01	NA	NA	NA	
	014	101.5	-21.5	12/1/2011	14:10	1.12E+03	5.25E+02	4.77E+02	2.77E+00	2.06E+00	1.95E+00	1.42E+00	7.68E+00	9.90E+00	-2.95E+00	6.99E+00	7.97E+00	NA	NA	NA	
MW-39-124	001	124	-44	5/22/2007	9:50	2.61E+02	1.49E+02	1.31E+02	9.26E-01	9.70E-01	1.00E+00	-1.15E-01	1.64E+00	1.80E+00	-5.31E-01	1.54E+00	1.63E+00	3.55E+00	1.17E+01	1.33E+01	MW-39-124
	002	124	-44	8/7/2007	13:40	1.92E+02	1.73E+02	1.88E+02	5.90E-01	8.57E-01	9.43E-01	-1.14E+00	2.94E+00	3.06E+00	4.97E-01	3.17E+00	3.61E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-39-124	003	124	-44	1/17/2008	15:40	1.67E+02	1.64E+02	1.73E+02	1.48E+00	9.71E-01	8.60E-01	6.55E-01	2.61E+00	3.00E+00	9.85E-01	2.03E+00	2.55E+00	NA	NA	NA	MW-39-124
	004	124	-44	4/30/2008	15:24	2.15E+02	9.50E+01	1.53E+02	1.79E+00	6.60E-01	8.91E-01	-1.23E+00	2.13E+00	3.40E+00	5.87E-01	2.19E+00	3.89E+00	-1.13E+01	1.42E+01	2.52E+01	
	005	124	-44	10/22/2008	14:00	2.31E+02	1.88E+02	2.00E+02	9.42E-01	6.47E-01	5.64E-01	1.03E+00	6.64E+00	7.61E+00	1.63E+00	6.98E+00	8.11E+00	NA	NA	NA	
	006	124	-44	4/9/2009	11:46	1.98E+02	1.50E+02	1.50E+02	9.16E-01	6.33E-01	6.09E-01	-9.45E-02	5.16E+00	3.44E+00	-1.55E-01	3.30E+00	3.67E+00	NA	NA	NA	
	007	124	-44	11/5/2009	12:56	2.68E+02	1.09E+02	1.00E+02	1.87E+00	8.68E-01	7.66E-01	-6.47E-01	5.88E+00	6.55E+00	4.43E+00	7.04E+00	8.98E+00	NA	NA	NA	
	008	124	-44	5/4/2010	12:32	3.08E+02	1.92E+02	2.06E+02	5.90E-01	8.18E-01	8.96E-01	-2.76E-02	5.43E+00	5.45E+00	1.35E-02	5.05E+00	5.58E+00	NA	NA	NA	
	009	124	-44	7/22/2010	11:39	1.12E+02	1.34E+02	1.46E+02	2.25E+00	7.71E-01	5.01E-01	-1.11E+00	8.32E+00	9.28E+00	-4.37E-01	9.75E+00	1.10E+01	NA	NA	NA	
	010	124	-44	11/15/2010	12:46	3.73E+02	1.83E+02	3.86E+02	1.17E+00	8.85E-01	1.93E+00	-6.40E+00	6.71E+00	1.61E+01	-1.31E-01	4.98E+00	1.10E+01	NA	NA	NA	
	011	124	-44	4/26/2011	13:01	1.51E+02	3.70E+02	4.15E+02	5.20E-01	1.37E+00	1.55E+00	9.13E+00	8.56E+00	8.57E+00	3.07E+00	7.52E+00	9.27E+00	NA	NA	NA	
	012	124	-44	7/15/2011	11:44	2.30E+01	3.72E+02	4.39E+02	8.78E-01	1.19E+00	1.27E+00	-4.10E+00	1.13E+01	1.15E+01	-1.82E+00	9.51E+00	9.57E+00	NA	NA	NA	
	013	124	-44	8/29/2011	10:54	-1.02E+01	3.75E+02	4.45E+02	3.16E-01	1.12E+00	1.30E+00	-7.05E+00	1.06E+01	1.01E+01	7.76E+00	1.13E+01	1.46E+01	NA	NA	NA	
	014	124	-44	12/1/2011	11:42	1.73E+02	4.35E+02	4.89E+02	-2.58E-01	1.41E+00	1.82E+00	5.73E-01	7.95E+00	9.19E+00	2.71E+00	7.89E+00	9.85E+00	NA	NA	NA	
MW-39-183	001	182.5	-102.5	5/22/2007	10:08	2.47E+02	1.45E+02	1.29E+02	6.51E-01	8.82E-01	9.53E-01	6.42E-01	1.88E+00	1.89E+00	3.09E-02	1.58E+00	1.79E+00	0.00E+00	1.09E+01	1.25E+01	MW-39-183
	002	182.5	-102.5	8/7/2007	12:40	1.88E+02	1.73E+02	1.89E+02	7.11E-01	8.02E-01	8.32E-01	1.38E+00	5.12E+00	5.12E+00	2.34E+00	4.56E+00	5.46E+00	NA	NA	NA	
	003	182.5	-102.5	1/17/2008	11:55	4.65E+01	1.56E+02	1.82E+02	8.29E-01	6.17E-01	5.82E-01	-3.72E-01	3.51E+00	3.92E+00	0.00E+00	2.03E+00	2.20E+00	NA	NA	NA	
	004	182.5	-102.5	4/30/2008	15:03	1.12E+02	1.06E+02	1.77E+02	1.12E+00	5.66E-01	7.83E-01	1.45E-01	2.45E+00	4.14E+00	7.95E-01	2.60E+00	4.48E+00	1.83E+00	1.46E+01	2.50E+01	
	005	182.5	-102.5	10/22/2008	14:07	5.39E+01	1.73E+02	1.97E+02	3.45E-01	7.29E-01	8.35E-01	-4.16E+00	6.88E+00	7.09E+00	-3.08E+00	7.77E+00	7.39E+00	NA	NA	NA	
	006	182.5	-102.5	4/9/2009	11:45	2.60E+01	1.26E+02	1.50E+02	2.13E-01	6.65E-01	7.61E-01	3.94E-01	6.71E+00	4.47E+00	6.05E-01	3.77E+00	4.33E+00	NA	NA	NA	
	007	182.5	-102.5	11/5/2009	12:57	9.85E+01	9.25E+01	9.87E+01	3.71E-01	7.14E-01	8.05E-01	1.63E+00	9.42E+00	6.01E+00	1.94E+00	6.13E+00	7.46E+00	NA	NA	NA	
	008	182.5	-102.5	5/4/2010	12:51	1.34E+02	1.89E+02	2.10E+02	8.20E-02	5.44E-01	6.90E-01	2.11E+00	6.52E+00	7.73E+00	-2.38E+00	7.59E+00	6.99E+00	NA	NA	NA	
	009	182.5	-102.5	7/22/2010	11:38	1.07E+02	1.12E+02	1.19E+02	2.08E-01	4.19E-01	4.79E-01	-4.62E+00	8.88E+00	9.01E+00	-5.09E+00	9.62E+00	8.98E+00	NA	NA	NA	
	010	182.5	-102.5	11/15/2010	12:53	-8.02E+01	1.61E+02	3.88E+02	4.19E-01	7.56E-01	1.77E+00	1.45E+00	4.83E+00	1.10E+01	3.58E+00	4.93E+00	1.19E+01	NA	NA	NA	
	011	182.5	-102.5	4/26/2011	11:35	1.15E+02	3.54E+02	4.02E+02	1.12E+00	1.56E+00	1.67E+00	6.46E+00	8.88E+00	1.09E+01	-1.52E+00	8.68E+00	8.94E+00	NA	NA	NA	
	012	182.5	-102.5	7/15/2011	11:49	7.02E+01	3.75E+02	4.35E+02	3.45E-01	1.03E+00	1.19E+00	2.51E+00	1.08E+01	1.22E+01	-2.37E+00	1.30E+01	1.37E+01	NA	NA	NA	
	013	182.5	-102.5	8/29/2011	10:45	1.14E+02	3.81E+02	4.33E+02	1.10E+00	1.13E+00	1.10E+00	-3.70E+00	1.05E+01	1.05E+01	5.90E+00	9.54E+00	1.22E+01	NA	NA	NA	
	014	182.5	-102.5	12/1/2011	11:26	-8.23E+01	4.11E+02	4.97E+02	1.34E-01	1.45E+00	1.80E+00	-2.81E+00	1.34E+01	1.59E+01	4.19E+00	8.16E+00	1.46E+01	NA	NA	NA	
MW-39-195	001	195	-115	5/22/2007	12:45	2.55E+02	1.50E+02	1.33E+02	1.30E+00	6.90E-01	5.69E-01	0.00E+00	7.67E+00	4.34E+00	3.54E-01	4.16E+00	4.82E+00	-2.52E+00	9.95E+00	1.15E+01	MW-39-195
	002	195	-115	8/7/2007	12:00	2.00E+02	1.70E+02	1.85E+02	5.92E-01	6.23E-01	6.55E-01	-4.08E-02	4.14E+00	4.06E+00	-2.76E-01	4.56E+00	4.30E+00	NA	NA	NA	
	003	195	-115	1/17/2008	17:28	9.63E+01	1.64E+02	1.84E+02	8.97E-01	8.51E-01	8.38E-01	7.57E-01	4.08E+00	4.05E+00	8.15E-01	3.42E+00	4.01E+00	NA	NA	NA	
	004	195	-115	4/30/2008	16:10	2.74E+02	1.50E+02	2.36E+02	1.21E+00	5.52E-01	8.29E-01	-1.17E+00	2.28E+00	3.71E+00	2.23E-02	2.48E+00	4.21E+00	-2.59E+00	1.45E+01	2.51E+01	
	005	195	-115	10/22/2008	14:26	1.72E+02	1.83E+02	2.00E+02	8.81E-01	7.23E-01	6.88E-01	4.14E+00	5.57E+00	6.90E+00	1.81E+00	6.76E+00	7.96E+00	NA	NA	NA	
	006	195	-115	4/9/2009	12:08	7.46E+01	1.32E+02	1.48E+02	6.89E-01	6.60E-01	7.11E-01	-2.41E-01	8.63E+00	5.75E+00	-1.04E+00	4.80E+00	5.07E+00	NA	NA	NA	
	007	195	-115	11/5/2009	13:03	1.09E+02	9.35E+01	9.86E+01	4.36E-01	7.60E-01	8.53E-01	-2.05E+00	7.00E+00	7.38E+00	-1.01E+00	8.71E+00	9.45E+00	NA	NA	NA	
	008	195	-115	5/4/2010	13:14	6.99E+01	1.64E+02	1.84E+02	6.21E-01	6.54E-01	6.82E-01	-1.56E+00	6.42E+00	6.86E+00	-1.59E-01	6.84E+00	7.63E+00	NA	NA	NA	
	009	195	-115	7/22/2010	12:10	9.26E+01	1.11E+02	1.20E+02	5.61E-01	5.70E-01	5.97E-01	7.86E-01	8.64E+00	9.43E+00	-9.78E-01	8.93E+00	9.62E+00	NA	NA	NA	
	010	195	-115	11/15/2010	13:25	2.16E+02	1.86E+02	4.09E+02	1.52E-01	7.35E-01	1.73E+00	-3.21E+00	4.09E+00	6.54E+00	8.70E+00	4.38E+00	1.20E+01	NA	NA	NA	
	011	195	-115	4/26/2011	12:38	7.04E+03	8.04E+02	4.20E+02	1.88E+00	1.75E+00	1.79E+00	-2.03E+00	1.11E+01	1.28E+01	4.62E+00	8.70E+00	1.13E+01	NA	NA	NA	
	012	195	-115	7/15/2011	11:13	4.19E+03	7.56E+02	4.35E+02	1.10E+00	1.78E+00	1.93E+00	2.79E+00	8.46E+00	9.76E+00	6.38E-01	1.01E+01	1.08E+01	NA	NA	NA	
	013	195	-115	8/29/2011	10:51	1.72E+04	1.31E+03	4.43E+02	4.98E-02	7.50E-01	9.59E-01	7.98E-01	7.62E+00	8.56E+00	2.43E+00	8.19E+00	9.86E+00	NA	NA	NA	
	014	195	-115	12/1/2011	11:28	5.13E+03	8.28E+02	4.87E+02	3.00E-01	1.46E+00	1.75E+00	2.12E+00	7.98E+00	1.03E+01	5.51E-01	9.48E+00	1.22E+01	NA	NA	NA	
MW-40-27	001	26.7	46.5	6/5/2007	11:00	1.56E+02	1.58E+02	1.63E+02	-7.82E-04	6.48E-01	8.50E-01	2.70E-02	3.04E+00	3.39E+00	1.48E+00	2.90E+00	3.17E+00	NA	NA	NA	MW-40-27
	002	26.7	46.5	7/23/2007	12:35	1.62E+02	1.59E+02	1.69E+02	3.32E-01	5.90E-01	6.62E-01	2.52E+00	3.39E+00	3.88E+00	-5.97E-02	3.45E+00	3.83E+00	NA	NA	NA	
	003	26.7	46.5	1/7/2008	16:28	1.44E+02	1.70E+02	1.82E+02	-4.39E-01	4.49E-01	7.84E-01	-4.17E-01	1.74E+00	1.87E+00	6.09E-01	1.70E+00	1.99E+00	NA	NA	NA	
	004	26.7	46.5	8/11/2008	13:19	2.22E+02	1.06E+02	1.72E+02	3.66E-01	4.20E-01	7.05E-01	6.08E-01	2.28E+00	4.00E+00	-3.72E-01	2.56E+00	3.83E+00	-7.57E+00	1.15E+01	2.05E+01	
	005	26.7	46.5	10/28/2008	14:58	1.42E+02	1.80E+02	1.95E+02	4.78E-01	5.84E-01	6.10E-01	-1.55E+00	5.73E+00	6.22E+00	-1.46E+00	6.86E+00	7.41E+00	6.28E+00	1.64E+01	1.85E+01	
	006	26.7	46.5	1/19/2009	14:29	1.20E+02	1.34E+02	1.48E+02	4.82E-01	6.36E-01	6.82E-01	6.25E-01	3.41E+00	3.86E+00	1.46E+00	2.90E+00	3.58E+00	-1.86E+00	1.80E+01	2.09E+01	
	007	26.7	46.5	4/13/2009	14:17	1.98E+02	1.45E+02	1.36E+02	-5.35E-01	7.85E-01	9.65E-01	-1.14E-01	6.86E+00	4.57E+00	-6.04E-02	3.42E+00	3.81E+00	-2.30E+00	1.82E+01	2.12E+01	
	008	26.7	46.5	7/20/2009	14:50	1.54E+02	1.94E+02	2.14E+02	2.47E-01	4.05E-01	4.49E-01	4.50E+00	8.49E+00	5.96E+00	-1.64E+00	5.54E+00	5.88E+00	NA	NA	NA	
	009	26.7	46.5	11/19/2009	14:57	1.17E+02	9.33E+01	9.75E+01	-6.51E-01	7.14E-01	8.71E-01	1.06E+00	4.59E+00	5.44E+00	-2.53E+00	5.33E+00	5.10E+00	NA	NA	NA	
	010	26.7	46.5	2/4/2010	14:40	1.30E+02	1.65E+02	1.83E+02	1.10E-01	4.58E-01	5.59E-01	-1.62E+00	7.83E+00	6.98E+00	2.86E+00	6.71E+00	8.30E+00	NA	NA	NA	
	011	26.7	46.5	4/15/2010	16:00	1.48E+02	1.74E+02	1.93E+02	1.05E-01	6.29E-01	7.95E-01	-1.30E+00	4.02E+00	4.36E+00	-2.98E+00	5.64E+00	4.86E+00	NA	NA	NA	
	012	26.7	46.5	8/26/2010	14:42	1.93E+02	1.26E+02	1.24E+02	2.23E-01	6.54E-01	7.73E-01	1.95E+00	4.50E+00	5.46E+00	-1.03E+00	4.72E+00	5.12E+00	NA	NA	NA	
	013	26.7	46.5	11/29/2010	15:23	2.06E+02	1.49E+02	1.44E+02	1.10E-01	7.98E-01	9.63E-01	3.16E-01	3.38E+00	3.76E+00	1.01E+00	3.63E+00	4.18E+00	NA	NA	NA	
	014	26.7	46.5	3/8/2011	12:55	1.85E+02	2.56E+02	2.65E+02	1.58E-01	1.37E+00	1.61E+00	3.72E-01	6.78E+00	7.39E+00	2.83E+00	8.56E+00	9.99E+00	NA	NA	NA	
	015	26.7	46.5	4/29/2011	13:29	1.77E+02	3.66E+02	4.07E+02	1.18E+00	1.74E+00	1.87E+00	1.91E+00	8.40E+00	9.77E+00	-9.20E-01	9.86E+00	1.15E+01	NA	NA	NA	
	016	26.7	46.5	7/27/2011	15:12	3.69E+01	3.00E+02	3.43E+02	-4.37E-01	1.40E+00	1.93E+00	-2.18E+00	7.35E+00	7.64E+00	1.36E+00	9.03E+00	1.03E+01	NA	NA	NA	
	017	26.7	46.5	12/9/2011	11:50	2.24E+01	4.20E+02	4.90E+02	1.74E-01	1.46E+00	1.77E+00	7.86E-01	7.02E+00	8.97E+00	3.19E+00	7.14E+00	1.03E+01	NA	NA	NA	
MW-40-46	001	46.2	27	6/5/2007	11:50	1.42E+02	1.58E+02	1.66E+02	-3.17E-01	5.82E-01	8.88E-01	7.90E-01	3.59E+00	3.39E+00	-2.35E+00	2.70E+00	2.27E+00	NA	NA	NA	MW-40-46
	002	46.2	27	7/23/2007	12:15	9.48E+01	1.53E+02	1.71E+02	3.50E-01	5.61E-01	6.28E-01	-9.08E-01	3.79E+00	4.09E+00	-1.72E+00	3.07E+00	2.90E+00	NA	NA	NA	
	003	46.2	27	10/12/2007	14:45	-1.59E+01	1.52E+02	1.74E+02	-2.14E-02	5.10E-01	6.85E-01	-3.80E-01	3.72E+00	3.59E+00	4.94E-01	3.72E+00	4.26E+00	NA	NA	NA	
	004	46.2	27	1/7/2008	14:42	-1.96E+01	1.45E+02	1.80E+02	8.04E-01	8.55E-01	8.75E-01	-1.21E+00	2.84E+00	3.00E+00	1.16E+00	2.58E+00	2.82E+00	NA	NA	NA	
	005	46.2	27	8/11/2008	13:35	1.68E+02	1.04E+02	1.71E+02	-3.25E-01	3.77E-01	8.09E-01	1.25E-01	1.99E+00	3.31E+00	1.09E+00	2.05E+00	3.64E+00	4.04E+00	1.17E+01	2.01E+01	
	006	46.2	27	10/28/2008	15:30	8.80E+01	1.74E+02	1.98E+02	6.53E-01	7.02E-01	7.20E-01	2.82E-01	6.58E+00	7.49E+00	1.83E+00	6.30E+00	7.48E+00	9.34E-01	1.71E+01	1.96E+01	
	007	46.2	27	1/19/2009	14:28	7.76E+01	1.33E+02	1.48E+02	2.69E-01	5.01E-01	5.67E-01	8.08E-01	2.88E+00	3.39E+00	-1.19E+00	2.78E+00	2.88E+00	-5.63E+00	1.89E+01	2.22E+01	
	008	46.2	27	4/13/2009	14:40	1.52E+02	1.37E+02	1.36E+02	-1.51E-01	5.21E-01	7.12E-01	-1.13E+00	6.89E+00	4.59E+00	-2.72E-01	4.01E+00	4.40E+00	-5.37E+00	1.97E+01	2.32E+01	
	009	46.2	27	7/20/2009	15:11	1.48E+02	1.92E+02	2.13E+02	5.87E-01	5.81E-01	6.03E-01	-1.03E+00	7.61E+00	7.32E+00	-1.38E+00	6.32E+00	6.66E+00	NA	NA	NA	
	010	46.2	27	11/19/2009	15:07	5.74E+01	8.82E+01	9.82E+01	9.58E-02	5.13E-01	5.92E-01	-9.97E-01	4.25E+00	4.70E+00	1.09E+00	4.54E+00	5.35E+00	NA	NA	NA	
	011	46.2	27	2/4/2010	14:59	9.28E+01	1.62E+02	1.82E+02	6.20E-01	7.56E-01	7.95E-01	2.03E+00	4.53E+00	5.36E+00	1.37E+00	4.96E+00	5.86E+00	NA	NA	NA	
	012	46.2	27	4/15/2010	16:18	2.35E+02	1.38E+02	1.45E+02	3.98E-01	7.23E-01	8.15E-01	2.73E+00	3.30E+00	4.08E+00	1.19E+00	3.40E+00	3.95E+00	NA	NA	NA	
	013	46.2	27	8/26/2010	14:56	1.24E+02	1.22E+02	1.29E+02	-1.83E-01	5.11E-01	7.19E-01	7.02E-01	6.01E+00	6.90E+00	5.48E+00	6.17E+00	8.30E+00	NA	NA	NA	
	014	46.2	27	11/29/2010	16:36	1.63E+02	1.47E+02	1.48E+02	6.60E-02	7.89E-01	9.38E-01	5.82E-01	3.82E+00	4.28E+00	2.06E+00	3.99E+00	4.74E+00	NA	NA	NA	
	015	46.2	27	3/8/2011	12:58	2.48E+02	2.74E+02	2.63E+02	1.03E-01	8.58E-01	1.07E+00	2.82E+00	8.00E+00	9.18E+00	7.99E+00	8.74E+00	1.19E+01	NA	NA	NA	
	016	46.2	27	4/29/2011	13:31	7.82E+01	3.54E+02	4.05E+02	-1.35E-01**	1.88E+00	1.77E+00	-9.96E-01	8.46E+00	9.00E+00	-3.98E+00	9.84E+00	9.04E+00	NA	NA	NA	
	017	46.2	27	7/27/2011	15:55	1.35E+02	3.09E+02	3.44E+02	-9.06E-01	1.26E+00	1.86E+00	2.28E+00	8.85E+00	1.01E+01	5.01E-01	9.30E+00	1.03E+01	NA	NA	NA	
	018	46.2	27	12/9/2011	12:03	9.00E+01	4.17E+02	4.77E+02	2.87E-01	1.62E+00	1.92E+00	1.26E+00	7.41E+00	9.46E+00	-9.20E-01	6.39E+00	8.16E+00	NA	NA	NA	
MW-40-81	001	80.7	-7.5	6/5/2007	12:37	1.63E+02	1.59E+02	1.63E+02	-2.93E-02	6.98E-01	9.11E-01	-1.00E+00	3.09E+00	3.22E+00	-4.70E-03	3.79E+00	3.62E+00	NA	NA	NA	MW-40-81

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-40-81	002	80.7	-7.5	7/23/2007	13:00	6.95E+01	1.52E+02	1.72E+02	2.45E-01	6.00E-01	6.94E-01	-7.08E-01	4.95E+00	5.20E+00	2.31E+00	3.81E+00	4.95E+00	NA	NA	NA	MW-40-81
	003	80.7	-7.5	10/12/2007	10:52	6.99E+01	1.53E+02	1.73E+02	-9.65E-02	5.05E-01	7.10E-01	5.47E-01	4.00E+00	4.48E+00	7.73E-01	4.02E+00	4.64E+00	NA	NA	NA	
	004	80.7	-7.5	1/7/2008	14:35	1.09E+02	1.64E+02	1.81E+02	2.87E-01	7.05E-01	8.26E-01	-7.49E-01	2.51E+00	2.38E+00	-2.66E-01	1.77E+00	1.95E+00	NA	NA	NA	
	005	80.7	-7.5	8/11/2008	9:43	2.42E+02	1.06E+02	1.71E+02	1.68E-01	3.65E-01	6.52E-01	-7.84E-02	1.69E+00	2.78E+00	2.60E-01	1.92E+00	3.25E+00	-2.96E+00	1.10E+01	1.92E+01	
	006	80.7	-7.5	10/28/2008	11:20	3.04E+01	1.61E+02	1.93E+02	-1.84E-01	4.17E-01	6.28E-01	2.04E+00	5.28E+00	6.24E+00	-8.66E-01	6.75E+00	7.32E+00	-2.38E+00	2.33E+01	2.69E+01	
	007	80.7	-7.5	1/19/2009	10:38	1.61E+02	1.37E+02	1.48E+02	2.92E-01	5.76E-01	6.54E-01	-4.67E-01	3.62E+00	4.01E+00	-1.41E+00	3.77E+00	3.92E+00	-7.55E+00	1.77E+01	2.09E+01	
	008	80.7	-7.5	4/13/2009	11:06	2.31E+02	1.50E+02	1.35E+02	-3.34E-02	6.47E-01	8.17E-01	-1.98E+00	7.17E+00	4.78E+00	3.78E+00	4.67E+00	6.06E+00	-1.26E+01	2.01E+01	2.42E+01	
	009	80.7	-7.5	7/20/2009	11:28	2.13E+02	1.95E+02	2.14E+02	-2.23E-02	4.35E-01	5.48E-01	-7.78E-01	4.98E+00	5.50E+00	-1.11E+00	5.54E+00	5.96E+00	NA	NA	NA	
	010	80.7	-7.5	11/17/2009	13:51	9.11E+01	8.83E+01	9.45E+01	-1.58E-01	6.63E-01	8.17E-01	-4.31E+00	6.09E+00	5.16E+00	2.83E+00	3.76E+00	4.81E+00	NA	NA	NA	
	011	80.7	-7.5	2/4/2010	10:56	1.47E+02	1.65E+02	1.83E+02	3.99E-02	6.37E-01	8.18E-01	1.42E+00	4.00E+00	4.69E+00	-7.18E-03	4.86E+00	5.42E+00	NA	NA	NA	
	012	80.7	-7.5	4/15/2010	12:15	1.92E+02	1.37E+02	1.47E+02	4.25E-01	7.02E-01	7.79E-01	1.72E+00	4.20E+00	4.93E+00	1.08E-01	3.82E+00	4.36E+00	NA	NA	NA	
	013	80.7	-7.5	8/26/2010	11:05	9.08E+01	1.14E+02	1.24E+02	2.45E-01	5.25E-01	6.06E-01	-3.95E+00	5.24E+00	4.96E+00	-2.64E+00	4.68E+00	4.20E+00	NA	NA	NA	
	014	80.7	-7.5	11/29/2010	12:03	2.48E+02	1.58E+02	1.47E+02	1.13E-03	6.45E-01	7.85E-01	-9.67E-01	4.38E+00	4.79E+00	-4.37E-01	4.83E+00	5.28E+00	NA	NA	NA	
	015	80.7	-7.5	3/8/2011	10:17	2.33E+02	2.68E+02	2.63E+02	8.50E-01	1.51E+00	1.67E+00	1.26E+00	1.06E+01	7.71E+00	-1.45E+00	6.08E+00	6.16E+00	NA	NA	NA	
	016	80.7	-7.5	4/29/2011	11:08	3.39E+02	4.12E+02	4.36E+02	1.07E+00	1.58E+00	1.70E+00	3.05E+00	6.90E+00	8.51E+00	-2.66E-01	8.04E+00	8.83E+00	NA	NA	NA	
	017	80.7	-7.5	7/27/2011	13:24	-1.18E+02	2.89E+02	3.48E+02	8.36E-01	1.70E+00	1.90E+00	-3.22E-01	6.48E+00	6.87E+00	-1.05E+00	8.67E+00	8.91E+00	NA	NA	NA	
	018	80.7	-7.5	12/9/2011	10:23	-8.05E+01	4.02E+02	4.86E+02	3.77E-01	1.51E+00	1.79E+00	4.60E-01	2.64E+01	1.18E+01	1.07E+00	1.07E+01	1.39E+01	NA	NA	NA	
MW-40-100	001	100.2	-27	6/5/2007	11:15	1.76E+02	1.61E+02	1.64E+02	3.40E-01	6.16E-01	6.94E-01	-1.92E+00	3.06E+00	3.04E+00	-1.98E+00	3.87E+00	3.59E+00	NA	NA	NA	MW-40-100
	002	100.2	-27	7/23/2007	13:20	8.12E+01	1.55E+02	1.75E+02	2.91E-01	6.18E-01	6.96E-01	-4.67E-01	1.91E+00	2.10E+00	1.78E-01	1.94E+00	2.20E+00	NA	NA	NA	
	003	100.2	-27	10/12/2007	11:03	5.95E+01	1.53E+02	1.73E+02	-7.39E-02	5.75E-01	7.69E-01	1.93E+00	3.57E+00	3.87E+00	8.90E-01	3.30E+00	3.61E+00	NA	NA	NA	
	004	100.2	-27	1/7/2008	11:55	1.98E+01	1.52E+02	1.81E+02	-7.69E-02	5.85E-01	8.00E-01	3.13E-01	2.27E+00	2.60E+00	8.84E-02	2.75E+00	2.86E+00	NA	NA	NA	
	006	100.2	-27	5/30/2008	12:45	1.16E+02	9.84E+01	1.60E+02	1.16E-01	5.60E-01	9.81E-01	-7.43E-01	2.12E+00	3.48E+00	-8.73E-01	2.00E+00	3.15E+00	NA	NA	NA	
	007	100.2	-27	8/11/2008	10:10	1.93E+02	1.05E+02	1.71E+02	-3.44E-02	2.85E-01	5.83E-01	-1.18E-01	1.59E+00	2.68E+00	6.38E-01	1.52E+00	2.70E+00	0.00E+00	1.09E+01	1.89E+01	
	008	100.2	-27	10/28/2008	11:30	8.66E+01	1.73E+02	1.95E+02	1.13E-01	6.37E-01	7.83E-01	-1.25E+00	6.50E+00	7.11E+00	3.92E+00	7.02E+00	8.63E+00	-7.70E-01	1.79E+01	2.06E+01	
	009	100.2	-27	1/19/2009	11:52	4.24E+01	1.30E+02	1.48E+02	1.06E-01	6.03E-01	7.25E-01	6.13E-01	5.97E+00	3.85E+00	1.26E-01	3.15E+00	3.61E+00	-9.80E+00	1.89E+01	2.24E+01	
	010	100.2	-27	4/13/2009	11:07	2.62E+02	1.56E+02	1.35E+02	6.63E-02	5.52E-01	6.82E-01	-2.19E+00	6.60E+00	4.40E+00	-2.09E+00	4.40E+00	4.45E+00	-3.13E-01	1.86E+01	2.17E+01	
	011	100.2	-27	7/20/2009	11:31	1.65E+02	1.97E+02	2.18E+02	-1.75E-01	5.63E-01	7.24E-01	4.36E-01	5.52E+00	6.32E+00	7.15E-01	5.75E+00	6.65E+00	NA	NA	NA	
	012	100.2	-27	11/17/2009	14:34	7.32E+01	9.03E+01	9.89E+01	9.08E-02	6.51E-01	7.90E-01	-1.00E+00	3.72E+00	4.12E+00	-4.90E-01	4.50E+00	4.99E+00	NA	NA	NA	
	013	100.2	-27	2/4/2010	11:10	1.47E+02	1.65E+02	1.82E+02	7.06E-01	7.83E-01	8.05E-01	-7.58E-01	4.26E+00	4.60E+00	-3.34E+00	4.75E+00	4.53E+00	NA	NA	NA	
	014	100.2	-27	4/15/2010	12:16	1.39E+02	1.33E+02	1.46E+02	-1.08E-01	5.37E-01	7.48E-01	-2.83E-01	3.54E+00	3.96E+00	-2.16E+00	5.12E+00	4.80E+00	NA	NA	NA	
	015	100.2	-27	8/26/2010	11:09	1.24E+02	1.37E+02	1.45E+02	-2.33E-01	3.95E-01	6.21E-01	8.87E-01	6.15E+00	7.12E+00	6.51E-01	5.61E+00	6.53E+00	NA	NA	NA	
	016	100.2	-27	11/29/2010	12:12	1.34E+02	1.40E+02	1.46E+02	-2.12E-01	6.70E-01	8.39E-01	-1.46E-01	4.05E+00	4.53E+00	3.11E-01	4.26E+00	4.81E+00	NA	NA	NA	
	017	100.2	-27	3/8/2011	10:27	5.17E+01	2.14E+02	2.64E+02	2.52E-02	1.30E+00	1.58E+00	2.46E+01*	1.35E+01	7.66E+00	-1.40E+00	7.88E+00	8.30E+00	NA	NA	NA	
	018	100.2	-27	4/29/2011	11:27	2.70E+02	4.06E+02	4.38E+02	2.46E-01	1.42E+00	1.67E+00	5.53E+00	7.14E+00	9.23E+00	2.99E+00	7.96E+00	9.80E+00	NA	NA	NA	
	019	100.2	-27	7/27/2011	13:29	1.07E+02	3.12E+02	3.50E+02	-9.50E-01	1.41E+00	1.98E+00	2.29E+00	9.03E+00	1.04E+01	7.10E-01	1.08E+01	1.20E+01	NA	NA	NA	
	020	100.2	-27	12/9/2011	10:28	4.85E+01	4.29E+02	5.00E+02	1.04E+00	1.37E+00	1.41E+00	1.85E+00	7.98E+00	9.93E+00	8.66E-01	7.77E+00	1.01E+01	NA	NA	NA	
MW-40-127	001	127.2	-54	6/5/2007	12:55	1.87E+02	1.62E+02	1.63E+02	2.60E-01	5.05E-01	5.71E-01	7.57E-01	2.98E+00	3.41E+00	-5.59E-03	2.94E+00	3.26E+00	NA	NA	NA	MW-40-127
	002	127.2	-54	7/23/2007	15:15	4.26E+01	1.44E+02	1.68E+02	3.83E-01	5.15E-01	5.73E-01	-1.17E+00	1.67E+00	1.76E+00	2.04E-01	1.59E+00	1.77E+00	NA	NA	NA	
	003	127.2	-54	10/12/2007	11:30	2.83E+01	1.44E+02	1.64E+02	1.01E-01	4.97E-01	6.24E-01	-2.32E+00	3.90E+00	4.06E+00	-1.51E+00	3.72E+00	3.79E+00	NA	NA	NA	
	004	127.2	-54	1/7/2008	12:30	9.75E+00	1.48E+02	1.79E+02	5.17E-01	6.83E-01	7.23E-01	6.45E-01	2.42E+00	2.77E+00	3.24E-01	2.28E+00	2.59E+00	NA	NA	NA	
	006	127.2	-54	5/30/2008	13:00	3.27E+01	9.16E+01	1.63E+02	-4.84E-01	5.30E-01	9.68E-01	6.92E-01	2.23E+00	3.43E+00	1.36E+00	2.00E+00	3.62E+00	NA	NA	NA	
	007	127.2	-54	8/11/2008	10:34	1.68E+02	1.04E+02	1.70E+02	1.65E-01	2.41E-01	4.19E-01	1.24E-01	1.65E+00	2.81E+00	7.30E-03	1.49E+00	2.51E+00	-8.77E+00	1.13E+01	2.01E+01	
	008	127.2	-54	10/28/2008	12:10	7.53E+01	1.70E+02	1.95E+02	4.36E-01	7.10E-01	7.87E-01	-2.53E+00	6.46E+00	6.88E+00	-4.33E+00	8.23E+00	7.68E+00	0.00E+00	1.66E+01	1.93E+01	
	009	127.2	-54	1/19/2009	11:25	9.22E+01	1.33E+02	1.48E+02	-7.90E-02	7.19E-01	9.00E-01	-1.20E+00	3.75E+00	3.94E+00	1.68E+00	3.66E+00	4.45E+00	-3.34E+00	1.85E+01	2.16E+01	
	010	127.2	-54	4/13/2009	11:24	1.52E+02	1.37E+02	1.36E+02	5.56E-02	6.11E-01	7.66E-01	-1.08E+00	7.16E+00	4.77E+00	-1.39E+00	4.58E+00	4.79E+00	-9.13E+00	1.86E+01	2.22E+01	
	011	127.2	-54	7/20/2009	12:09	1.77E+02	1.98E+02	2.18E+02	3.38E-01	6.30E-01	7.11E-01	-3.30E-02	6.03E+00	6.40E+00	1.15E+00	5.50E+00	6.38E+00	NA	NA	NA	
	012	127.2	-54	11/17/2009	14:32	1.04E+02	9.33E+01	9.89E+01	2.64E-01	6.96E-01	7.95E-01	1.35E+00	5.58E+00	6.40E+00	-5.95E-01	6.08E+00	6.66E+00	NA	NA	NA	
	013	127.2	-54	2/4/2010	11:12	8.56E+01	1.62E+02	1.82E+02	4.26E-01	6.79E-01	7.49E-01	-4.37E+00	6.12E+00	5.32E+00	1.98E+00	4.21E+00	5.14E+00	NA	NA	NA	
	014	127.2	-54	4/15/2010	13:13	1.26E+02	1.34E+02	1.47E+02	-5.12E-03	3.50E-01	4.61E-01	-2.40E+00	9.29E+00	9.96E+00	2.32E+00	9.72E+00	1.18E+01	NA	NA	NA	
	015	127.2	-54	8/26/2010	11:16	1.36E+02	1.40E+02	1.47E+02	2.23E-02	2.78E-01	3.67E-01	-5.02E+00	7.95E+00	8.28E+00	6.43E-01	6.48E+00	7.48E+00	NA	NA	NA	
	016	127.2	-54	11/29/2010	12:26	1.22E+02	1.38E+02	1.45E+02	7.34E-01	9.02E-01	9.73E-01	-1.53E-01	4.82E+00	5.43E+00	1.12E+00	4.38E+00	5.06E+00	NA	NA	NA	
	017	127.2	-54	3/8/2011	10:41	1.33E+02	2.40E+02	2.64E+02	1.03E+00	1.40E+00	1.51E+00	5.07E+01*	1.64E+01	7.63E+00	3.45E-01	7.18E+00	7.96E+00	NA	NA	NA	
	018	127.2	-54	4/29/2011	11:26	-2.27E+01	3.60E+02	4.32E+02	5.72E-01	1.78E+00	2.05E+00	-2.13E-01	8.26E+00	8.83E+00	-1.62E+00	9.68E+00	9.87E+00	NA	NA	NA	
	019	127.2	-54	7/27/2011	13:56	1.56E+02	3.15E+02	3.50E+02	4.81E-01	1.64E+00	1.92E+00	1.48E+00	9.06E+00	1.03E+01	-8.00E+00	1.02E+01	7.94E+00	NA	NA	NA	
	020	127.2	-54	12/9/2011	10:40	5.65E+01	4.08E+02	4.71E+02	1.27E+00	1.50E+00	1.51E+00	-1.26E+00	8.91E+00	1.04E+01	-3.35E+00	9.18E+00	1.04E+01	NA	NA	NA	
MW-40-162	001	161.7	-88.5	6/5/2007	14:45	1.40E+02	1.56E+02	1.64E+02	2.94E-01	4.53E-01	5.04E-01	-1.67E+00	5.33E+00	4.95E+00	3.85E-01	4.68E+00	4.53E+00	NA	NA	NA	MW-40-162
	002	161.7	-88.5	7/23/2007	17:40	2.59E+01	1.46E+02	1.73E+02	1.19E-01	4.45E-01	5.07E-01	-2.51E-01	2.81E+00	1.75E+00	7.27E-01	1.45E+00	1.69E+00	NA	NA	NA	
	003	161.7	-88.5	10/12/2007	12:54	4.45E+01	1.49E+02	1.69E+02	-5.48E-02	6.20E-01	8.19E-01	-1.11E+00	4.47E+00	4.05E+00	-1.01E+00	3.31E+00	3.47E+00	NA	NA	NA	
	004	161.7	-88.5	1/7/2008	13:10	4.96E+01	1.56E+02	1.82E+02	7.93E-02	3.63E-01	4.48E-01	4.17E-01	2.52E+00	2.87E+00	3.63E-01	2.40E+00	2.72E+00	NA	NA	NA	
	005	161.7	-88.5	8/11/2008	11:44	2.30E+02	1.08E+02	1.75E+02	7.70E-02	4.19E-01	7.81E-01	6.25E-01	2.43E+00	4.16E+00	3.15E+00	2.07E+00	4.11E+00	-5.27E+00	1.22E+01	2.16E+01	
	006	161.7	-88.5	10/28/2008	13:15	1.12E+02	1.77E+02	1.96E+02	2.80E-01	6.35E-01	7.35E-01	-2.00E+00	5.84E+00	6.26E+00	2.11E+00	6.08E+00	7.29E+00	3.75E+00	1.79E+01	2.04E+01	
	007	161.7	-88.5	1/19/2009	11:47	1.07E+02	1.33E+02	1.48E+02	1.32E-01	5.16E-01	6.16E-01	-3.98E-01	3.32E+00	3.67E+00	4.22E-01	2.96E+00	3.41E+00	-9.17E+00	1.85E+01	2.20E+01	
	008	161.7	-88.5	4/13/2009	12:25	1.42E+02	1.37E+02	1.38E+02	3.28E-01	4.94E-01	5.46E-01	-2.83E+00	5.84E+00	3.89E+00	-6.45E-01	3.81E+00	4.06E+00	-2.90E+00	1.85E+01	2.17E+01	
	009	161.7	-88.5	7/20/2009	12:57	1.24E+02	1.92E+02	2.14E+02	7.42E-02	4.26E-01	5.17E-01	-2.20E-01	5.75E+00	6.31E+00	1.54E+00	5.64E+00	6.56E+00	NA	NA	NA	
	010	161.7	-88.5	11/17/2009	15:15	2.87E+01	8.52E+01	9.80E+01	-4.58E-01	6.48E-01	8.27E-01	9.75E-01	5.70E+00	6.47E+00	3.59E+00	5.43E+00	6.97E+00	NA	NA	NA	
	011	161.7	-88.5	2/4/2010	11:57	2.20E+01	1.59E+02	1.82E+02	8.54E-02	5.94E-01	7.58E-01	4.31E-01	4.82E+00	5.46E+00	9.30E-01	4.44E+00	5.12E+00	NA	NA	NA	
	012	161.7	-88.5	4/15/2010	14:50	1.03E+02	1.32E+02	1.46E+02	9.77E-02	6.63E-01	8.18E-01	-2.73E+00	8.36E+00	8.61E+00	2.35E+00	8.63E+00	1.05E+01	NA	NA	NA	
	013	161.7	-88.5	8/26/2010	12:29	1.02E+02	1.36E+02	1.48E+02	5.09E-01	7.23E-01	7.75E-01	7.14E-01	6.23E+00	7.08E+00	3.52E+00	6.78E+00	8.38E+00	NA	NA	NA	
	014	161.7	-88.5	11/29/2010	12:45	6.40E+01	1.27E+02	1.45E+02	-5.51E-03	6.55E-01	7.94E-01	3.60E-01	4.34E+00	4.91E+00	3.43E-01	4.47E+00	5.03E+00	NA	NA	NA	
	015	161.7	-88.5	3/8/2011	11:02	8.33E+01	2.24E+02	2.63E+02	-1.03E+00	1.07E+00	1.57E+00	-3.72E+00	6.12E+00	5.93E+00	-2.11E+00	6.42E+00	6.37E+00	NA	NA	NA	
	016	161.7	-88.5	4/29/2011	12:26	1.05E+02	3.78E+02	4.33E+02	8.71E-01	1.34E+00	1.46E+00	4.54E+00	1.23E+01	1.42E+01	4.43E-01	9.50E+00	1.08E+01	NA	NA	NA	
	017	161.7	-88.5	7/27/2011	14:40	5.54E+00	2.97E+02	3.44E+02	-8.61E-01	1.58E+00	1.98E+00	-2.44E+00	9.21E+00	8.54E+00	-6.93E-01	8.70E+00	9.41E+00	NA	NA	NA	
	018	161.7	-88.5	12/9/2011	11:02	-2.60E+01	3.42E+02	4.06E+02	6.89E-01	1.75E+00	1.95E+00	1.06E+00	8.43E+00	1.07E+01	-4.71E+00	1.17E+01	1.30E+01	NA	NA	NA	
MW-41-40	002	34.4	20.5	4/12/2006	15:00	7.26E+02	2.07E+02	1.56E+02	2.63E+00	1.74E+00	1.58E+00	2.91E+00	2.62E+00	3.03E+00	-7.58E-01	2.55E+00	2.74E+00	NA	NA	NA	MW-41-40
	003	34.4	20.5	5/25/2006	10:00	6.07E+02	2.22E+02	1.88E+02	5.18E+00	1.46E+00	1.07E+00	4.35E+00	1.06E+01	1.24E+01	-1.16E+00	1.07E+01	1.14E+01	NA	NA	NA	
	004	34.4	20.5	6/12/2006	9:50	6.76E+02	2.00E+02	1.51E+02	3.58E+00	6.83E-01	5.31E-01	5.30E+00	1.02E+01	1.19E+01	9.42E-02	9.32E+00	1.02E+01	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-41-40	005	34.4	20.5	7/14/2006	8:45	9.83E+02	2.64E+02	2.07E+02	7.02E+00	2.83E+00	2.09E+00	3.44E+00	1.29E+01	1.63E+01	-2.31E+00	1.07E+01	1.29E+01	NA	NA	NA	MW-41-40
	006	34.4	20.5	8/16/2006	13:15	4.47E+02	1.95E+02	1.68E+02	NA	NA	NA	7.39E-01	6.84E+00	8.78E+00	1.70E-01	5.46E+00	7.51E+00	NA	NA	NA	
	007	34.4	20.5	11/13/2006	12:55	4.25E+02	1.38E+02	1.30E+02	4.64E+00	8.70E-01	6.90E-01	5.00E-01	5.70E+00	6.90E+00	1.30E+00	6.90E+00	8.20E+00	3.10E+00	5.70E+00	6.40E+00	
	008	34.4	20.5	6/19/2007	14:45	3.91E+03	7.32E+02	3.60E+02	5.99E+00	1.15E+00	7.49E-01	-3.09E+00	4.42E+00	3.28E+00	-3.47E-01	2.81E+00	3.01E+00	2.21E-01	1.27E+01	1.49E+01	
	009	34.4	20.5	8/14/2007	14:35	3.80E+02	1.97E+02	2.00E+02	5.96E+00	1.17E+00	7.45E-01	0.00E+00	3.52E+00	3.31E+00	1.40E+00	4.08E+00	4.00E+00	NA	NA	NA	
	010	34.4	20.5	1/24/2008	16:28	2.15E+02	1.80E+02	1.93E+02	3.05E+00	1.07E+00	7.54E-01	2.67E+00	2.55E+00	2.21E+00	-5.18E-01	2.00E+00	2.16E+00	NA	NA	NA	
	011	34.4	20.5	10/22/2008	14:49	2.21E+03	7.26E+02	5.92E+02	5.91E+00	1.10E+00	4.21E-01	3.07E+00	6.33E+00	7.66E+00	-3.60E+00	8.64E+00	8.40E+00	NA	NA	NA	
	012	34.4	20.5	4/7/2009	15:56	5.71E+02	1.91E+02	1.50E+02	5.38E+00	1.14E+00	6.38E-01	4.26E+00	7.29E+00	4.86E+00	4.60E-01	3.27E+00	3.76E+00	NA	NA	NA	
	013	34.4	20.5	7/24/2009	15:33	6.17E+02	2.51E+02	2.25E+02	4.30E+00	1.05E+00	7.04E-01	-1.73E-01	3.21E+00	3.51E+00	4.32E-01	3.57E+00	3.93E+00	NA	NA	NA	
	014	34.4	20.5	11/10/2009	13:08	3.15E+02	1.11E+02	9.85E+01	4.00E+00	1.10E+00	8.06E-01	1.79E+00	4.50E+00	5.18E+00	-2.03E+00	4.62E+00	4.72E+00	NA	NA	NA	
	015	34.4	20.5	3/1/2010	17:28	9.35E+02	1.91E+02	1.68E+02	4.01E+00	8.98E-01	4.46E-01	-3.97E+00	8.45E+00	8.76E+00	1.01E+00	6.81E+00	6.59E+00	NA	NA	NA	
	016	34.4	20.5	4/19/2010	14:09	4.32E+02	1.79E+02	1.50E+02	2.09E+00	1.05E+00	8.40E-01	-2.56E+00	8.09E+00	8.29E+00	-6.83E-01	8.55E+00	9.32E+00	NA	NA	NA	
	017	34.4	20.5	7/21/2010	13:41	2.79E+03	3.02E+02	1.47E+02	4.37E+00	1.02E+00	6.33E-01	1.59E+00	5.82E+00	7.07E+00	-6.50E-01	7.18E+00	7.61E+00	NA	NA	NA	
	018	34.4	20.5	10/25/2010	16:06	2.43E+03	2.78E+02	1.17E+02	4.08E+00	1.16E+00	6.72E-01	3.32E+00	5.63E+00	6.87E+00	-1.99E+00	6.74E+00	6.96E+00	NA	NA	NA	
	019	34.4	20.5	2/14/2011	14:05	2.03E+03	4.02E+02	2.98E+02	1.15E+01	2.68E+00	1.83E+00	4.60E+00	7.30E+00	8.61E+00	4.22E+00	7.36E+00	9.28E+00	NA	NA	NA	
	020	34.4	20.5	4/20/2011	13:51	4.51E+03	7.36E+02	4.55E+02	2.32E+00	1.57E+00	1.44E+00	2.20E+00	9.22E+00	1.06E+01	3.02E+00	1.06E+01	1.25E+01	NA	NA	NA	
	021	34.4	20.5	7/15/2011	12:30	6.99E+02	4.59E+02	4.41E+02	2.48E+00	1.35E+00	1.19E+00	-1.93E+00	1.09E+01	1.14E+01	-1.11E+00	8.94E+00	9.13E+00	NA	NA	NA	
	022	34.4	20.5	8/4/2011	14:39	5.94E+02	3.57E+02	3.53E+02	1.70E+00	1.87E+00	1.93E+00	4.91E-01	5.97E+00	6.61E+00	-6.02E-02	8.16E+00	8.80E+00	NA	NA	NA	
	023	34.4	20.5	11/28/2011	14:25	6.16E+02	5.13E+02	5.14E+02	6.83E-01	1.73E+00	1.95E+00	6.21E+00	8.16E+00	1.13E+01	-4.82E+00	9.81E+00	1.11E+01	NA	NA	NA	
MW-41-63	001	59.5	-4.6	4/12/2006	14:45	7.01E+02	2.03E+02	1.53E+02	5.49E+00	2.21E+00	1.60E+00	6.98E-01	2.27E+00	2.52E+00	-3.89E-02	2.68E+00	2.78E+00	NA	NA	NA	MW-41-63
	002	59.5	-4.6	5/25/2006	10:20	3.61E+02	2.07E+02	1.92E+02	5.22E+00	1.53E+00	1.10E+00	7.91E-02	9.63E+00	1.15E+01	3.51E+00	7.87E+00	1.07E+01	NA	NA	NA	
	003	59.5	-4.6	6/12/2006	10:05	2.68E+02	1.67E+02	1.52E+02	8.45E-01	5.28E-01	5.86E-01	8.20E-01	8.70E+00	9.55E+00	2.12E+00	7.05E+00	8.29E+00	NA	NA	NA	
	004	59.5	-4.6	7/18/2006	13:04	2.43E+02	1.95E+02	1.92E+02	2.17E+00	9.90E-01	8.04E-01	3.04E+00	9.49E+00	1.11E+01	1.73E-01	8.00E+00	8.75E+00	NA	NA	NA	
	005	59.5	-4.6	8/16/2006	13:00	3.56E+02	1.89E+02	1.70E+02	NA	NA	NA	3.69E+00	8.12E+00	1.03E+01	-1.55E+00	7.58E+00	7.11E+00	NA	NA	NA	
	006	59.5	-4.6	11/13/2006	13:10	1.57E+02	1.35E+02	1.30E+02	2.06E+00	6.60E-01	6.60E-01	-1.60E+00	4.50E+00	5.70E+00	0.00E+00	5.40E+00	6.60E+00	3.00E+00	6.60E+00	7.30E+00	
	007	59.5	-4.6	6/20/2007	11:05	5.52E+02	1.97E+02	1.86E+02	7.08E+00	1.28E+00	6.27E-01	-3.10E-01	2.37E+00	2.65E+00	-1.06E-02	2.33E+00	2.65E+00	-4.39E-01	1.26E+01	1.48E+01	
	008	59.5	-4.6	8/14/2007	16:10	5.47E+02	2.04E+02	1.99E+02	3.55E+00	9.02E-01	5.31E-01	-2.83E+00	3.40E+00	3.20E+00	1.32E-01	3.48E+00	3.87E+00	NA	NA	NA	
	009	59.5	-4.6	1/25/2008	10:05	3.03E+02	2.79E+02	2.93E+02	3.76E+00	1.13E+00	8.22E-01	0.00E+00	3.33E+00	1.89E+00	5.24E-02	1.64E+00	1.88E+00	NA	NA	NA	
	010	59.5	-4.6	10/22/2008	12:34	6.91E+02	5.73E+02	5.92E+02	5.69E+00	1.13E+00	4.41E-01	2.60E+00	5.59E+00	6.71E+00	9.04E-01	6.08E+00	7.02E+00	NA	NA	NA	
	011	59.5	-4.6	4/23/2009	11:57	5.26E+02	1.85E+02	1.83E+02	4.08E+00	8.84E-01	3.37E-01	4.19E-01	6.80E+00	4.53E+00	1.22E+00	4.19E+00	4.93E+00	NA	NA	NA	
	012	59.5	-4.6	7/24/2009	14:13	4.40E+02	2.34E+02	2.26E+02	2.67E+00	8.02E-01	4.63E-01	-8.28E-01	3.60E+00	3.85E+00	-5.58E-01	3.12E+00	3.31E+00	NA	NA	NA	
	013	59.5	-4.6	11/10/2009	13:30	4.50E+02	1.21E+02	9.90E+01	3.88E+00	9.58E-01	5.92E-01	1.07E+00	3.63E+00	4.24E+00	-4.65E-01	4.35E+00	4.80E+00	NA	NA	NA	
	014	59.5	-4.6	3/1/2010	16:00	2.48E+02	1.59E+02	1.68E+02	2.01E+00	6.78E-01	4.19E-01	3.00E+00	4.84E+00	5.86E+00	-1.07E+00	5.37E+00	5.79E+00	NA	NA	NA	
	015	59.5	-4.6	4/19/2010	14:03	4.36E+02	1.77E+02	1.49E+02	3.66E+00	1.22E+00	7.70E-01	-4.51E+00	1.22E+01	1.52E+01	-7.27E-02	6.99E+00	7.76E+00	NA	NA	NA	
	016	59.5	-4.6	7/21/2010	13:41	5.18E+02	1.68E+02	1.43E+02	4.79E+00	1.09E+00	6.23E-01	-2.71E+00	8.29E+00	8.77E+00	1.61E+00	7.93E+00	9.59E+00	NA	NA	NA	
	017	59.5	-4.6	10/25/2010	12:59	5.06E+02	1.50E+02	1.14E+02	4.25E+00	1.19E+00	7.17E-01	1.06E+00	6.08E+00	7.07E+00	2.87E+00	5.85E+00	7.23E+00	NA	NA	NA	
	018	59.5	-4.6	2/14/2011	13:37	1.23E+03	4.44E+02	3.80E+02	6.92E+00	2.46E+00	1.96E+00	1.24E+00	5.30E+00	6.03E+00	2.69E+00	6.06E+00	7.29E+00	NA	NA	NA	
	019	59.5	-4.6	4/20/2011	13:13	7.58E+02	4.90E+02	4.72E+02	-7.72E-01	1.51E+00	2.03E+00	3.53E+00	8.52E+00	1.01E+01	4.02E+00	8.74E+00	1.09E+01	NA	NA	NA	
	020	59.5	-4.6	7/15/2011	12:51	7.14E+02	4.56E+02	4.35E+02	3.03E+00	1.50E+00	1.30E+00	2.36E+00	7.71E+00	8.88E+00	4.47E-01	6.81E+00	7.51E+00	NA	NA	NA	
	021	59.5	-4.6	8/4/2011	14:20	6.60E+02	3.60E+02	3.51E+02	1.91E+00	1.95E+00	1.96E+00	1.64E+00	7.89E+00	8.72E+00	-1.43E+00	7.29E+00	7.72E+00	NA	NA	NA	
	022	59.5	-4.6	11/28/2011	14:08	6.41E+02	5.22E+02	5.22E+02	6.76E-01	1.73E+00	1.95E+00	-7.79E-01	7.20E+00	8.56E+00	-9.03E-01	7.41E+00	9.17E+00	NA	NA	NA	
MW-42-49	001	42.6	27.1	3/23/2006	11:15	2.63E+03	6.60E+02	5.89E+02	5.19E+01	1.72E+00	4.88E-01	1.02E+05	7.14E+02	1.00E+02	1.94E+02	2.78E+01	2.32E+01	NA	NA	NA	MW-42-49
	002	42.6	27.1	3/31/2006	9:29	2.49E+03	4.49E+02	2.37E+02	2.10E+01	9.96E-01	3.67E-01	6.55E+03	1.24E+02	2.76E+01	2.29E+01	2.10E+01	2.50E+01	NA	NA	NA	
	003	42.6	27.1	4/7/2006	17:52	2.51E+03	7.88E+02	7.37E+02	1.09E+02	2.16E+00	4.09E-01	8.11E+04	7.08E+02	1.01E+02	8.81E+01	2.52E+01	1.97E+01	2.22E+03	1.76E+02	5.84E+01	
	004	42.6	27.1	6/18/2007	15:00	1.34E+03	5.00E+02	3.74E+02	7.73E+01	4.04E+00	6.07E-01	1.90E+04	1.85E+03	1.31E+01	4.29E+00	3.71E+00	4.82E+00	1.03E+03	4.53E+01	1.44E+01	
	007	42.6	27.1	10/4/2007	12:40	2.46E+03	2.87E+02	1.93E+02	4.65E+01	3.12E+00	6.02E-01	3.69E+04	3.14E+03	1.83E+01	1.59E+01	6.25E+00	3.61E+00	1.17E+03	4.94E+01	1.88E+01	
	008	42.6	27.1	1/21/2008	16:11	1.32E+03	5.25E+02	4.15E+02	3.34E+01	3.18E+00	9.11E-01	3.38E+04	2.93E+03	2.02E+01	0.00E+00	4.13E+00	5.42E+00	5.01E+02	5.01E+01	2.68E+01	
	010	42.6	27.1	5/13/2008	13:20	3.24E+03	2.56E+02	1.44E+02	2.36E+01	1.54E+00	5.48E-01	1.41E+04	7.89E+02	1.47E+01	1.69E+01	4.47E+00	4.67E+00	7.34E+02	2.85E+01	2.19E+01	
	011	42.6	27.1	8/4/2008	14:24	3.16E+03	2.65E+02	1.91E+02	3.56E+01	1.72E+00	5.59E-01	1.06E+04	6.13E+02	1.20E+01	-8.47E-03	2.69E+00	4.52E+00	3.13E+02	2.60E+01	2.61E+01	
	012	42.6	27.1	9/5/2008	12:52	1.32E+04	8.36E+02	5.08E+02	2.96E+02	4.98E+00	4.02E-01	2.21E+04	1.38E+03	1.58E+01	NA	NA	NA	4.62E+02	2.17E+01	2.03E+01	
	013	42.6	27.1	10/31/2008	13:27	2.60E+03	3.77E+02	1.63E+02	9.61E+01	4.34E+00	4.16E-01	1.78E+04	1.58E+03	1.83E+01	5.88E-01	6.96E+00	7.78E+00	2.71E+02	2.73E+01	1.99E+01	
	014	42.6	27.1	11/17/2008	14:56	1.12E+03	2.01E+02	1.73E+02	1.02E+02	6.96E+00	1.28E+00	1.54E+04	1.16E+03	1.74E+01	3.26E+00	5.21E+00	6.76E+00	2.44E+02	3.00E+01	2.25E+01	
	015	42.6	27.1	1/26/2009	16:16	1.28E+03	3.03E+02	2.06E+02	6.77E+02	1.13E+01	7.44E-01	8.05E+04	8.01E+03	2.66E+01	0.00E+00	5.24E+00	5.56E+00	9.12E+02	4.50E+01	1.90E+01	
	016	42.6	27.1	3/16/2009	14:50	7.22E+04	1.03E+03	1.60E+02	5.88E+02	8.57E+00	7.24E-01	1.40E+05	3.00E+01	2.00E+01	5.23E+00	3.54E+00	2.17E+00	1.16E+03	4.95E+01	2.06E+01	
	017	42.6	27.1	4/17/2009	11:03	2.22E+03	3.29E+02	1.89E+02	2.58E+02	6.63E+00	5.69E-01	8.63E+04	4.86E+01	3.24E+01	2.68E+00	4.67E+00	5.75E+00	9.16E+02	4.11E+01	2.19E+01	
	018	42.6	27.1	8/10/2009	12:00	1.47E+03	2.25E+02	1.79E+02	4.83E+00	1.06E+00	5.30E-01	5.42E+03	4.31E+02	9.57E+00	-1.12E+00	4.84E+00	4.60E+00	7.46E+01	2.37E+01	2.35E+01	
	019	42.6	27.1	10/27/2009	15:34	1.75E+03	2.21E+02	1.67E+02	1.91E+01	2.00E+00	7.46E-01	2.44E+04	1.83E+03	1.64E+01	-1.66E-01	4.70E+00	5.17E+00	1.84E+02	3.04E+01	2.44E+01	
	020	42.6	27.1	2/16/2010	16:49	9.79E+02	1.76E+02	1.53E+02	1.24E+02	5.92E+00	7.03E-01	6.52E+04	7.07E+03	3.33E+01	-9.83E-01	6.81E+00	6.79E+00	7.10E+02	4.05E+01	2.18E+01	
	021	42.6	27.1	4/16/2010	12:59	1.30E+03	4.25E+02	3.71E+02	2.40E+01	2.31E+00	8.23E-01	2.37E+04	2.85E+03	2.92E+01	8.37E-01	1.06E+01	1.23E+01	2.36E+02	2.88E+01	2.07E+01	
	022	42.6	27.1	7/30/2010	11:38	1.69E+03	2.34E+02	1.24E+02	1.39E+01	1.53E+00	3.90E-01	1.87E+04	2.46E+03	2.50E+01	7.33E-01	6.64E+00	7.77E+00	1.77E+02	2.97E+01	2.18E+01	
	023	42.6	27.1	10/27/2010	12:23	1.28E+03	2.03E+02	1.64E+02	1.81E+01	2.31E+00	8.72E-01	2.39E+04	2.94E+03	2.93E+01	-1.67E+00	9.77E+00	1.03E+01	2.24E+02	2.66E+01	2.10E+01	
	024	42.6	27.1	3/4/2011	11:37	1.49E+03	5.14E+02	3.88E+02	2.32E+01	3.34E+00	1.11E+00	3.30E+04	4.42E+03	2.75E+01	1.42E+00	6.78E+00	7.87E+00	3.02E+02	3.04E+01	2.00E+01	
	025	42.6	27.1	4/21/2011	14:04	1.71E+03	5.88E+02	4.80E+02	5.45E+00	2.18E+00	1.45E+00	2.15E+04	2.88E+03	2.08E+01	3.41E+00	9.16E+00	1.09E+01	1.90E+02	2.72E+01	1.73E+01	
	027	42.6	27.1	8/1/2011	12:50	7.78E+02	3.90E+02	3.74E+02	2.60E+00	1.92E+00	1.82E+00	1.57E+04	1.92E+03	2.16E+01	3.58E+00	8.40E+00	1.01E+01	2.80E+02	3.48E+01	2.02E+01	
	028	42.6	27.1	11/3/2011	11:13	1.40E+03	5.70E+02	5.00E+02	8.98E-01	1.51E+00	1.65E+00	3.03E+03	3.90E+02	1.29E+01	-1.75E+00	7.56E+00	9.18E+00	5.77E+01	1.57E+01	1.45E+01	
MW-42-78	001	74	-4.3	3/24/2006	9:45	1.28E+03	5.87E+02	5.75E+02	3.09E-01	3.90E-01	4.08E-01	4.46E+03	1.36E+02	2.22E+01	1.08E+01	1.71E+01	2.08E+01	NA	NA	NA	MW-42-78
	002	74	-4.3	4/7/2006	17:58	7.92E+02	7.04E+02	7.30E+02	1.03E-01	3.68E-01	3.98E-01	1.98E+03	1.19E+02	3.13E+01	-2.34E+00	2.35E+01	2.51E+01	3.66E+01	1.39E+01	1.43E+01	
	003	74	-4.3	6/18/2007	14:40	3.78E+02	1.88E+02	1.88E+02	3.83E-01	5.34E-01	5.78E-01	6.28E+01	1.21E+01	4.11E+00	2.31E+00	3.40E+00	4.00E+00	2.48E+00	1.32E+01	1.52E+01	
	006	74	-4.3	10/4/2007	13:25	4.34E+02	1.94E+02	1.94E+02	2.33E-01	3.09E-01	3.43E-01	3.04E+02	3.44E+01	4.71E+00	3.10E+00	4.04E+00	5.18E+00	6.86E-01	1.53E+01	1.77E+01	
	007	74	-4.3	1/21/2008	15:33	3.46E+02	1.89E+02	1.96E+02	-2.51E-01	6.81E-01	9.32E-01	1.08E+02	1.52E+01	3.35E+00	1.71E-01	3.33E+00	3.61E+00	9.73E+00	2.42E+01	2.75E+01	
	009	74	-4.3	8/4/2008	12:07	6.18E+02	1.50E+02	1.91E+02	3.91E-01	2.57E-01	3.76E-01	2.71E+00	2.02E+00	3.75E+00	-6.44E-01	2.10E+00	3.29E+00	-7.57E-01	1.52E+01	2.68E+01	
	010	74	-4.3	10/31/2008	13:34	5.62E+02	2.12E+02	1.65E+02	4.17E-02	3.01E-01	3.87E-01	3.31E-01	5.68E+00	6.34E+00	8.32E-01	6.72E+00	7.68E+00	3.69E+00	1.77E+01	2.02E+01	
	011	74	-4.3	1/30/2009	11:22	3.65E+02	2.18E+02	2.00E+02	4.40E-01	6.45E-01	7.03E-01	6.70E-01	3.32E+00	3.88E+00	-1.89E-01	3.57E+00	3.99E+00	NA	NA	NA	
	012	74	-4.3	4/17/2009	10:49	2.74E+02	1.88E+02	1.89E+02	4.67E-01	6.74E-01	7.47E-01	1.61E+00	5.85E+00	3.90E+00	5.31E-01	3.60E+00	4.14E+00	6.58E+00	1.91E+01	2.16E+01	
	013	74	-4.3	8/10/2009	12:40	5.19E+02	1.82E+02	1.78E+02	5.90E-01	6.39E-01	6.73E-01	6.07E-01	3.40E+00	3.94E+00	8.71E-01	3.31E+00	3.94E+00	-7.92E+00	1.98E+01	2.32E+01	
	014	74	-4.3	10/27/2009	14:06	5.51E+02	1.73E+02	1.66E+02	9.06E-02	5.20E-01	6.23E-01	1.19E+00	3.54E+00	4.06E+00	-1.12E+00	3.62E+00	3.74E+00	-8.49E-01	1.94E+01	2.25E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-42-78	015	74	-4.3	2/16/2010	16:19	3.57E+02	1.49E+02	1.52E+02	-1.14E-01	4.87E-01	6.80E-01	3.92E+00	5.46E+00	6.70E+00	-1.84E-01	4.93E+00	5.52E+00	-9.55E+00	1.76E+01	2.08E+01	MW-42-78
	016	74	-4.3	4/16/2010	13:29	3.93E+02	2.91E+02	3.10E+02	1.81E-01	7.86E-01	9.23E-01	2.22E+00	8.67E+00	1.03E+01	-6.97E+00	9.24E+00	7.54E+00	-6.55E+00	1.76E+01	2.08E+01	
	017	74	-4.3	7/30/2010	12:23	6.31E+02	1.71E+02	1.31E+02	2.78E-02	3.03E-01	3.85E-01	-1.17E-01	7.56E+00	8.30E+00	-7.43E-01	7.04E+00	7.42E+00	1.96E+00	1.31E+01	1.52E+01	
	018	74	-4.3	10/27/2010	13:56	6.13E+02	1.74E+02	1.64E+02	-1.14E-01	4.79E-01	5.87E-01	-1.09E+00	8.69E+00	9.51E+00	-5.11E+00	8.41E+00	7.24E+00	-4.24E+00	1.80E+01	2.09E+01	
	019	74	-4.3	3/4/2011	10:58	5.98E+02	4.06E+02	3.84E+02	8.92E-01	1.47E+00	1.60E+00	-2.03E+00	6.72E+00	6.99E+00	8.03E-02	6.70E+00	7.41E+00	0.00E+00	1.73E+01	1.96E+01	
	020	74	-4.3	4/21/2011	13:45	6.26E+02	4.78E+02	4.77E+02	4.25E-01	1.13E+00	1.32E+00	-9.71E-01	9.16E+00	9.83E+00	3.58E+00	8.56E+00	1.11E+01	5.89E-01	1.49E+01	1.72E+01	
	022	74	-4.3	8/1/2011	12:50	3.97E+02	3.57E+02	3.72E+02	-1.16E-01	1.13E+00	1.49E+00	5.85E-01	7.98E+00	7.65E+00	-5.68E-01	9.45E+00	1.03E+01	1.02E+00	1.17E+01	1.31E+01	
	023	74	-4.3	11/3/2011	11:31	3.23E+02	4.65E+02	5.02E+02	-5.46E-02	1.15E+00	1.49E+00	-2.93E+00	7.32E+00	8.03E+00	1.37E-01	7.74E+00	9.98E+00	-2.26E+00	1.18E+01	1.35E+01	
MW-43-28	002	23.5	25.3	4/12/2006	12:45	3.46E+02	1.79E+02	1.59E+02	9.40E-02	7.40E-01	8.06E-01	-1.44E+00	2.52E+00	2.54E+00	1.56E+00	2.24E+00	2.56E+00	NA	NA	NA	MW-43-28
	003	23.5	25.3	5/25/2006	12:10	1.20E+02	1.83E+02	1.89E+02	2.65E+00	1.89E+00	1.77E+00	-8.64E-01	9.47E+00	1.03E+01	-1.33E-01	9.42E+00	1.06E+01	NA	NA	NA	
	004	23.5	25.3	6/12/2006	12:45	2.30E+02	1.62E+02	1.52E+02	1.39E-01	4.27E-01	5.27E-01	2.85E+00	6.93E+00	7.82E+00	-7.55E-01	5.93E+00	6.39E+00	NA	NA	NA	
	005	23.5	25.3	7/12/2006	9:40	1.09E+02	1.88E+02	1.95E+02	1.10E+00	1.69E+00	1.72E+00	2.41E+00	9.87E+00	1.11E+01	-7.95E-01	8.58E+00	9.11E+00	NA	NA	NA	
	006	23.5	25.3	8/16/2006	12:10	2.60E+02	1.83E+02	1.72E+02	NA	NA	NA	5.47E-01	8.43E-01	9.56E-01	-5.16E-01	7.70E-01	8.30E-01	NA	NA	NA	
	007	23.5	25.3	6/18/2007	13:30	2.78E+02	1.70E+02	1.74E+02	1.07E+00	5.97E-01	4.86E-01	-3.68E-01	3.13E+00	3.39E+00	-3.72E-01	3.31E+00	3.46E+00	3.58E+00	1.50E+01	1.73E+01	
	008	23.5	25.3	8/13/2007	11:35	9.56E+01	1.71E+02	1.93E+02	-6.25E-01	7.50E-01	1.02E+00	-7.36E-01	3.57E+00	3.68E+00	2.77E-01	2.70E+00	3.12E+00	NA	NA	NA	
	009	23.5	25.3	1/25/2008	11:11	3.06E+02	2.82E+02	2.96E+02	1.46E-01	6.06E-01	7.38E-01	1.88E+00	2.16E+00	2.66E+00	1.46E+00	2.51E+00	3.03E+00	8.44E+00	1.76E+01	1.99E+01	
	010	23.5	25.3	10/31/2008	14:17	2.65E+02	1.58E+02	1.66E+02	-1.08E-01	3.95E-01	5.66E-01	4.07E+00	5.19E+00	6.44E+00	-1.16E+00	6.21E+00	6.63E+00	NA	NA	NA	
	011	23.5	25.3	4/7/2009	12:14	3.14E+02	1.65E+02	1.51E+02	-1.43E-01	5.66E-01	7.05E-01	5.41E-01	5.93E+00	3.95E+00	-1.31E-01	3.45E+00	3.77E+00	NA	NA	NA	
	012	23.5	25.3	7/31/2009	13:10	1.30E+02	1.44E+02	1.56E+02	-2.45E-02	4.13E-01	5.46E-01	1.19E+00	6.04E+00	7.03E+00	-1.16E+00	6.23E+00	6.64E+00	NA	NA	NA	
	013	23.5	25.3	11/10/2009	14:10	1.73E+02	9.72E+01	9.64E+01	1.57E-02	5.19E-01	6.53E-01	-5.72E-02	3.86E+00	4.25E+00	2.17E+00	4.13E+00	4.96E+00	NA	NA	NA	
	014	23.5	25.3	3/2/2010	17:30	2.13E+02	1.56E+02	1.68E+02	1.48E-01	3.81E-01	4.50E-01	-9.17E-01	5.10E+00	5.60E+00	2.29E+00	5.80E+00	6.91E+00	NA	NA	NA	
	015	23.5	25.3	4/19/2010	13:38	2.25E+02	1.39E+02	1.47E+02	-7.48E-02	5.52E-01	7.63E-01	-2.66E-01	5.61E+00	6.36E+00	-1.90E-01	5.61E+00	6.33E+00	NA	NA	NA	
	016	23.5	25.3	7/20/2010	13:48	9.11E+01	1.33E+02	1.47E+02	-6.43E-02	3.80E-01	5.33E-01	5.80E+00	7.53E+00	9.76E+00	-1.44E+00	9.49E+00	1.01E+01	NA	NA	NA	
	017	23.5	25.3	10/25/2010	11:29	1.95E+02	1.17E+02	1.13E+02	-1.98E-01	5.01E-01	6.94E-01	3.36E+00	5.00E+00	6.09E+00	-5.01E-01	5.43E+00	5.84E+00	NA	NA	NA	
	018	23.5	25.3	2/15/2011	13:08	2.54E+02	2.80E+02	2.99E+02	-1.06E+00	1.40E+00	2.00E+00	5.75E-02	1.26E+01	7.06E+00	-3.84E+00	6.84E+00	6.54E+00	NA	NA	NA	
	019	23.5	25.3	4/21/2011	11:15	2.34E+02	4.30E+02	4.72E+02	1.46E+00	1.96E+00	2.04E+00	-9.31E-01	8.74E+00	9.22E+00	4.50E+00	8.60E+00	1.09E+01	NA	NA	NA	
	020	23.5	25.3	8/4/2011	11:15	2.26E+02	3.24E+02	3.50E+02	-1.34E-01	1.42E+00	1.87E+00	4.00E+00	7.35E+00	9.02E+00	-3.51E+00	9.33E+00	9.21E+00	NA	NA	NA	
	021	23.5	25.3	11/22/2011	11:23	1.21E+02	3.60E+02	4.05E+02	1.40E+00	1.81E+00	1.95E+00	-9.87E-02	5.58E+00	7.14E+00	-3.96E+00	8.07E+00	8.55E+00	NA	NA	NA	
MW-43-62	002	51	-2.2	4/12/2006	11:55	2.00E+02	1.65E+02	1.58E+02	4.34E-01	4.63E-01	4.83E-01	3.27E+00	4.04E+00	3.73E+00	1.82E+00	3.09E+00	3.47E+00	NA	NA	NA	MW-43-62
	003	51	-2.2	5/25/2006	12:30	1.24E+02	1.77E+02	1.82E+02	3.23E-01	1.64E+00	1.77E+00	-1.21E+00	1.26E+01	1.36E+01	-2.10E+00	9.81E+00	1.02E+01	NA	NA	NA	
	004	51	-2.2	6/12/2006	12:40	1.29E+02	1.40E+02	1.38E+02	1.25E+00	5.58E-01	5.86E-01	4.97E+00	7.02E+00	7.98E+00	-6.81E-01	7.19E+00	7.85E+00	NA	NA	NA	
	005	51	-2.2	7/12/2006	10:05	2.04E+01	1.53E+02	1.65E+02	4.76E-01	1.46E+00	1.54E+00	1.34E+01	1.10E+01	1.36E+01	3.73E-01	1.01E+01	1.11E+01	NA	NA	NA	
	006	51	-2.2	8/16/2006	11:55	1.08E+02	1.67E+02	1.70E+02	NA	NA	NA	2.23E-01	9.10E-01	1.01E+00	-1.95E-01	8.33E-01	9.13E-01	NA	NA	NA	
	007	51	-2.2	6/19/2007	9:36	1.97E+02	1.88E+02	2.02E+02	8.55E-01	6.58E-01	6.40E-01	-6.77E-01	3.21E+00	3.42E+00	-8.52E-01	3.10E+00	3.26E+00	1.38E+00	1.33E+01	1.55E+01	
	008	51	-2.2	8/13/2007	12:42	1.14E+02	1.73E+02	1.92E+02	1.29E-01	6.90E-01	8.27E-01	-1.18E+00	3.65E+00	3.89E+00	1.53E-01	3.31E+00	3.80E+00	NA	NA	NA	
	009	51	-2.2	1/25/2008	10:57	1.23E+02	1.74E+02	1.93E+02	1.00E+00	6.47E-01	5.52E-01	4.31E-01	2.42E+00	2.39E+00	-1.11E+00	2.07E+00	2.10E+00	3.76E+00	1.67E+01	1.91E+01	
	010	51	-2.2	10/31/2008	13:16	2.25E+02	1.56E+02	1.66E+02	1.97E-01	4.13E-01	4.74E-01	-3.65E-03	6.45E+00	6.96E+00	2.59E+00	6.30E+00	7.60E+00	NA	NA	NA	
	011	51	-2.2	4/7/2009	13:59	1.34E+02	1.43E+02	1.52E+02	6.85E-01	5.88E-01	5.94E-01	1.18E+01	6.15E+00	4.10E+00	-4.55E-01	3.89E+00	4.22E+00	NA	NA	NA	
	012	51	-2.2	7/31/2009	12:52	1.18E+02	1.46E+02	1.59E+02	8.83E-01	4.79E-01	3.54E-01	-8.49E-01	5.09E+00	5.49E+00	-2.26E-01	7.25E+00	6.57E+00	NA	NA	NA	
	013	51	-2.2	11/10/2009	12:02	1.96E+02	1.01E+02	9.84E+01	1.24E+00	7.10E-01	6.57E-01	3.69E-01	5.16E+00	5.74E+00	-4.87E-01	5.54E+00	5.94E+00	NA	NA	NA	
	014	51	-2.2	3/2/2010	14:46	1.31E+02	1.52E+02	1.68E+02	3.51E-01	3.93E-01	4.05E-01	1.64E+00	4.61E+00	5.43E+00	1.35E+00	4.75E+00	5.61E+00	NA	NA	NA	
	015	51	-2.2	4/19/2010	13:17	2.16E+02	1.39E+02	1.47E+02	6.35E-01	7.10E-01	7.15E-01	-1.08E+00	4.44E+00	4.90E+00	1.30E+00	4.68E+00	5.52E+00	NA	NA	NA	
	016	51	-2.2	7/20/2010	15:07	5.97E+01	1.33E+02	1.51E+02	4.41E-01	4.75E-01	4.94E-01	-1.11E+00	7.96E+00	8.85E+00	-2.40E+00	8.22E+00	8.59E+00	NA	NA	NA	
	017	51	-2.2	10/25/2010	11:06	9.76E+01	1.05E+02	1.12E+02	3.69E-01	7.10E-01	8.03E-01	5.94E-01	6.27E+00	6.81E+00	-6.69E-01	5.37E+00	5.81E+00	NA	NA	NA	
	018	51	-2.2	2/15/2011	13:15	1.82E+02	2.76E+02	3.00E+02	7.75E-01	1.74E+00	1.95E+00	6.59E-01	5.08E+00	5.56E+00	-2.37E-01	5.16E+00	5.52E+00	NA	NA	NA	
	019	51	-2.2	4/21/2011	11:00	1.05E+02	4.12E+02	4.72E+02	-4.65E-01	1.67E+00	2.18E+00	-1.90E+00	9.08E+00	9.35E+00	-2.34E+00	8.70E+00	8.43E+00	NA	NA	NA	
	021	51	-2.2	8/4/2011	11:35	1.66E+02	3.21E+02	3.55E+02	-2.14E-01	1.61E+00	1.93E+00	-1.62E+00	7.95E+00	8.00E+00	-2.98E+00	8.13E+00	8.75E+00	NA	NA	NA	
	022	51	-2.2	11/22/2011	12:22	2.01E+02	3.72E+02	4.10E+02	9.55E-01	1.78E+00	1.96E+00	-1.43E+01	1.42E+01	1.67E+01	1.94E+00	1.06E+01	1.41E+01	NA	NA	NA	
MW-44-66	001	62.4	31.1	3/28/2006	14:05	3.38E+02	1.91E+02	1.73E+02	7.38E-02	1.53E+00	1.67E+00	6.54E-01	1.05E+01	1.17E+01	-2.87E+00	1.02E+01	1.09E+01	NA	NA	NA	MW-44-66
	002	62.4	31.1	5/24/2006	9:05	2.37E+02	1.97E+02	1.92E+02	7.41E-01	4.11E-01	4.45E-01	-3.07E-01	8.97E+00	9.69E+00	4.85E+00	9.06E+00	1.11E+01	NA	NA	NA	
	003	62.4	31.1	7/20/2006	11:15	8.92E+02	2.27E+02	1.63E+02	7.55E-01	1.22E+00	1.31E+00	3.54E+01	1.74E+01	9.59E+00	6.24E-01	7.37E+00	8.48E+00	NA	NA	NA	
	004	62.4	31.1	6/29/2007	15:00	2.68E+02	1.73E+02	1.84E+02	-4.25E-01	7.28E-01	9.04E-01	2.64E-01	3.03E+00	3.47E+00	7.78E-01	3.40E+00	3.98E+00	NA	NA	NA	
	005	62.4	31.1	8/14/2007	13:10	4.17E+02	1.98E+02	2.00E+02	9.30E-02	4.72E-01	5.75E-01	-8.93E-01	2.91E+00	3.08E+00	-3.39E-01	3.40E+00	3.11E+00	NA	NA	NA	
	006	62.4	31.1	10/31/2007	13:30	5.13E+02	1.82E+02	1.81E+02	3.77E-01	4.10E-01	4.21E-01	2.76E+00	4.29E+00	4.81E+00	1.91E+00	3.90E+00	4.71E+00	NA	NA	NA	
	007	62.4	31.1	1/24/2008	12:55	2.91E+02	2.00E+02	2.12E+02	2.85E-01	4.53E-01	4.99E-01	1.73E+01	4.35E+00	2.31E+00	1.40E+00	3.17E+00	2.43E+00	NA	NA	NA	
	008	62.4	31.1	4/30/2008	15:38	1.61E+02	1.19E+02	1.96E+02	4.11E-02	4.06E-01	7.89E-01	-8.72E-02	2.06E+00	3.38E+00	9.13E-01	2.44E+00	4.27E+00	NA	NA	NA	
	009	62.4	31.1	7/25/2008	12:18	5.50E+02	2.55E+02	3.75E+02	3.07E-01	3.66E-01	6.17E-01	-2.33E+00	2.53E+00	3.03E+00	-2.09E-01	1.74E+00	2.85E+00	NA	NA	NA	
	010	62.4	31.1	10/23/2008	13:17	3.18E+02	1.61E+02	1.66E+02	3.23E-01	3.83E-01	3.92E-01	-3.20E+00	5.21E+00	5.30E+00	-1.59E+00	5.73E+00	6.02E+00	NA	NA	NA	
	011	62.4	31.1	2/3/2009	9:40	2.06E+02	1.92E+02	1.97E+02	4.52E-01	7.98E-01	8.95E-01	1.96E+00	3.53E+00	4.18E+00	3.09E+00	3.06E+00	4.12E+00	NA	NA	NA	
	012	62.4	31.1	4/28/2009	13:32	3.10E+02	1.98E+02	2.06E+02	2.20E-01	4.85E-01	5.59E-01	-7.47E-01	6.38E+00	4.25E+00	-1.51E-01	4.49E+00	4.97E+00	NA	NA	NA	
	013	62.4	31.1	7/29/2009	12:56	7.44E+02	2.00E+02	1.88E+02	6.54E-01	7.67E-01	8.08E-01	8.84E-02	6.04E+00	6.70E+00	1.80E+00	5.58E+00	6.69E+00	NA	NA	NA	
	014	62.4	31.1	11/5/2009	16:27	7.15E+02	1.37E+02	9.71E+01	3.23E-01	6.00E-01	6.79E-01	-4.93E+00	8.65E+00	7.60E+00	8.01E-01	4.83E+00	5.53E+00	NA	NA	NA	
	015	62.4	31.1	2/23/2010	16:08	4.37E+02	1.70E+02	1.70E+02	4.84E-02	3.00E-01	3.79E-01	2.33E+00	4.32E+00	5.12E+00	-7.78E-01	4.49E+00	4.87E+00	NA	NA	NA	
	016	62.4	31.1	6/10/2010	15:30	4.75E+02	1.89E+02	1.92E+02	2.16E-01	6.77E-01	7.93E-01	-1.54E+00	5.91E+00	6.37E+00	-1.91E+00	6.06E+00	6.25E+00	NA	NA	NA	
	017	62.4	31.1	7/22/2010	15:47	1.75E+02	1.41E+02	1.47E+02	2.76E-01	5.63E-01	6.43E-01	-3.76E+00	6.86E+00	6.84E+00	1.20E+00	8.52E+00	9.73E+00	NA	NA	NA	
	018	62.4	31.1	10/26/2010	14:46	3.10E+02	1.29E+02	1.11E+02	-1.07E-01	4.30E-01	5.95E-01	4.23E-01	6.24E+00	7.11E+00	-3.70E+00	7.37E+00	7.27E+00	NA	NA	NA	
	019	62.4	31.1	2/18/2011	10:41	4.57E+02	3.90E+02	3.99E+02	-2.94E-01	1.59E+00	1.95E+00	1.74E+00	7.72E+00	8.56E+00	-1.40E+00	7.92E+00	8.46E+00	NA	NA	NA	
	020	62.4	31.1	4/26/2011	13:17	6.87E+02	4.20E+02	4.03E+02	7.05E-01	1.52E+00	1.70E+00	-1.14E-01	9.36E+00	1.03E+01	3.29E+00	1.07E+01	1.31E+01	NA	NA	NA	
	021	62.4	31.1	7/19/2011	15:39	1.62E+03	5.49E+02	4.32E+02	-7.04E-01	6.48E-01	1.06E+00	4.61E+00	9.66E+00	1.16E+01	-5.76E+00	1.11E+01	9.79E+00	NA	NA	NA	
	022	62.4	31.1	8/22/2011	12:08	4.76E+02	4.32E+02	4.45E+02	1.13E-01	9.03E-01	1.11E+00	-7.41E+00	8.73E+00	6.89E+00	-3.14E+00	9.09E+00	9.07E+00	NA	NA	NA	
	023	62.4	31.1	12/8/2011	12:00	3.70E+02	3.84E+02	4.04E+02	-8.25E-01	1.44E+00	1.94E+00	1.99E+00	7.35E+00	9.30E+00	2.32E+00	7.56E+00	1.04E+01	NA	NA	NA	
MW-44-102	001	80	13.5	6/13/2006	10:35	2.53E+02	2.01E+02	1.96E+02	3.53E-01	9.93E-01	1.26E+00	-3.22E+00	8.26E+00	8.67E+00	-7.71E-01	7.99E+00	8.52E+00	NA	NA	NA	MW-44-102
	002	80	13.5	7/20/2006	10:50	3.16E+02	1.82E+02	1.64E+02	-3.39E-01	1.05E+00	1.29E+00	-2.99E+00	9.39E+00	9.83E+00	-2.34E+00	9.50E+00	9.39E+00	NA	NA	NA	
	003	80	13.5	8/4/2006	9:40	7.61E+02	2.30E+02	1.81E+02	NA	NA	NA	-4.04E+00	8.10E+00	7.76E+00	-2.00E+00	7.01E+00	6.82E+00	NA	NA	NA	
	004	80	13.5	9/13/2006	11:30	2.67E+02	1.94E+02	2.00E+02	NA	NA	NA	7.19E+00	9.68E+00	1.12E+01	-4.76E-01	8.18E+00	8.99E+00	NA	NA	NA	
	005	80	13.5	6/19/2007	17:46	2.98E+02	1.76E+02	1.83E+02	-1.33E-01	4.81E-01	6.39E-01	1.88E+00	2.15E+00	2.63E+00	6.41E-01	2.02E+00	2.38E+00	-4.92E+00	1.31E+01	1.58E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-44-102	006	80	13.5	8/14/2007	14:55	2.84E+02	1.89E+02	1.99E+02	1.97E-01	7.63E-01	8.99E-01	-1.46E+00	2.76E+00	2.77E+00	-1.35E+00	2.79E+00	2.73E+00	NA	NA	NA	MW-44-102
	007	80	13.5	10/31/2007	12:01	3.54E+02	1.76E+02	1.82E+02	-2.58E-01	7.75E-01	9.60E-01	-6.60E-01	2.88E+00	3.11E+00	-1.23E+00	3.60E+00	3.11E+00	NA	NA	NA	
	008	80	13.5	1/24/2008	13:05	4.17E+02	2.94E+02	2.96E+02	2.06E-01	5.16E-01	6.04E-01	1.18E+01	4.64E+00	3.19E+00	-4.44E-03	2.85E+00	3.11E+00	NA	NA	NA	
	009	80	13.5	4/30/2008	15:28	2.56E+02	1.22E+02	1.96E+02	7.90E-02	3.71E-01	7.13E-01	1.03E+00	2.03E+00	3.63E+00	-2.07E+00	3.04E+00	4.52E+00	NA	NA	NA	
	010	80	13.5	7/25/2008	12:18	4.37E+02	2.46E+02	3.75E+02	-2.83E-02	1.83E-01	3.21E-01	-4.07E-01	1.78E+00	2.88E+00	1.35E+00	1.87E+00	3.41E+00	NA	NA	NA	
	011	80	13.5	10/23/2008	13:48	4.75E+02	1.68E+02	1.65E+02	2.01E-01	4.65E-01	5.44E-01	1.72E+00	6.24E+00	7.28E+00	2.39E+00	8.12E+00	8.47E+00	NA	NA	NA	
	012	80	13.5	2/2/2009	12:06	2.57E+02	1.94E+02	1.93E+02	4.66E-01	6.12E-01	6.71E-01	9.83E-01	3.39E+00	4.02E+00	-9.65E-01	3.53E+00	3.74E+00	NA	NA	NA	
	013	80	13.5	4/28/2009	13:34	5.14E+02	1.82E+02	1.80E+02	3.70E-01	7.10E-01	8.03E-01	9.60E-01	8.27E+00	5.51E+00	-2.67E-01	5.18E+00	5.85E+00	NA	NA	NA	
	014	80	13.5	7/29/2009	12:08	4.50E+02	1.86E+02	1.89E+02	4.34E-01	6.99E-01	7.73E-01	-4.62E-02	6.13E+00	6.76E+00	-3.58E-01	5.05E+00	5.49E+00	NA	NA	NA	
	015	80	13.5	11/5/2009	15:23	5.15E+02	1.25E+02	9.78E+01	7.80E-01	7.47E-01	8.12E-01	1.01E+00	5.22E+00	4.51E+00	-4.18E+00	5.71E+00	4.65E+00	NA	NA	NA	
	016	80	13.5	2/17/2010	16:35	5.12E+02	1.71E+02	1.69E+02	2.24E-01	3.57E-01	3.93E-01	-3.93E+00	6.67E+00	5.43E+00	1.47E+00	3.56E+00	4.34E+00	NA	NA	NA	
	017	80	13.5	6/10/2010	13:13	4.94E+02	1.79E+02	1.83E+02	-1.79E-01	5.13E-01	6.74E-01	-2.41E+00	7.89E+00	8.11E+00	-5.22E+00	7.37E+00	6.86E+00	NA	NA	NA	
	018	80	13.5	7/21/2010	13:20	2.76E+02	1.49E+02	1.45E+02	4.11E-01	4.70E-01	4.80E-01	2.38E+00	1.02E+01	1.18E+01	-1.83E+00	8.85E+00	9.25E+00	NA	NA	NA	
	019	80	13.5	10/26/2010	13:32	4.47E+02	1.42E+02	1.12E+02	2.42E-01	5.47E-01	6.33E-01	-2.73E+00	5.49E+00	5.54E+00	6.85E-01	5.38E+00	6.11E+00	NA	NA	NA	
	020	80	13.5	2/18/2011	10:44	3.93E+02	2.90E+02	2.97E+02	2.63E-01	1.86E+00	2.15E+00	2.22E-01	4.96E+00	5.47E+00	-2.93E-01	6.02E+00	6.58E+00	NA	NA	NA	
	021	80	13.5	4/26/2011	12:18	6.70E+02	4.14E+02	3.99E+02	1.09E+00	1.41E+00	1.49E+00	3.59E-01	7.42E+00	8.15E+00	-2.06E+00	7.86E+00	7.82E+00	NA	NA	NA	
	022	80	13.5	7/19/2011	10:53	6.38E+02	4.50E+02	4.39E+02	2.55E-01	1.02E+00	1.19E+00	1.01E+00	6.63E+00	7.60E+00	1.28E+00	6.27E+00	7.47E+00	NA	NA	NA	
	023	80	13.5	8/22/2011	10:43	8.25E+02	4.77E+02	4.57E+02	-1.10E-01	9.69E-01	1.28E+00	-3.22E+00	6.69E+00	6.63E+00	8.99E+00	7.50E+00	1.08E+01	NA	NA	NA	
	024	80	13.5	12/1/2011	12:18	1.05E+03	4.50E+02	4.07E+02	-2.13E-01	1.52E+00	1.93E+00	-7.91E-02	8.73E+00	1.04E+01	-5.88E-01	9.33E+00	1.15E+01	NA	NA	NA	
MW-45-42	001	37	16.6	4/4/2006	17:20	5.18E+02	2.22E+02	2.17E+02	8.83E-01	5.94E-01	5.95E-01	1.41E+01	1.35E+01	1.54E+01	-4.38E-02	1.22E+01	1.34E+01	NA	NA	NA	MW-45-42
	002	37	16.6	5/25/2006	9:25	1.82E+03	3.74E+02	2.45E+02	9.78E-01	1.14E+00	1.18E+00	-7.92E+00	1.21E+01	1.17E+01	-3.97E+00	1.21E+01	1.23E+01	NA	NA	NA	
	003	37	16.6	6/12/2006	10:45	2.27E+03	4.13E+02	2.15E+02	1.02E+00	6.80E-01	7.49E-01	9.06E-02	5.68E+00	6.29E+00	2.61E+00	5.68E+00	6.70E+00	NA	NA	NA	
	004	37	16.6	7/14/2006	9:30	4.19E+02	2.18E+02	2.00E+02	0.00E+00	1.45E+00	1.59E+00	1.22E+00	8.17E+00	9.27E+00	2.33E+00	9.82E+00	1.13E+01	NA	NA	NA	
	005	37	16.6	8/11/2006	10:00	3.16E+03	5.51E+02	2.71E+02	NA	NA	NA	-1.16E-01	1.51E+00	1.64E+00	-4.26E-01	1.40E+00	1.54E+00	NA	NA	NA	
	006	37	16.6	9/13/2006	11:50	4.15E+03	7.32E+02	3.27E+02	NA	NA	NA	-1.58E+00	5.85E+00	6.00E+00	-1.46E+00	5.39E+00	5.27E+00	NA	NA	NA	
	007	37	16.6	11/13/2006	13:20	5.25E+02	1.38E+02	1.40E+02	-7.10E-01	7.50E-01	8.50E-01	3.70E+00	5.40E+00	5.60E+00	5.00E-01	6.90E+00	8.30E+00	3.00E-01	3.60E+00	4.10E+00	
	008	37	16.6	6/21/2007	15:05	2.32E+03	6.27E+02	4.36E+02	-6.08E-02	6.25E-01	7.76E-01	1.31E-01	4.14E+00	4.59E+00	2.51E+00	2.82E+00	4.08E+00	3.58E+00	1.30E+01	1.49E+01	
	009	37	16.6	8/15/2007	11:30	1.16E+03	1.80E+02	1.47E+02	-3.79E-01	7.74E-01	9.47E-01	1.92E+00	2.76E+00	3.41E+00	1.19E+00	2.60E+00	3.23E+00	NA	NA	NA	
	010	37	16.6	10/5/2007	11:05	2.22E+03	3.05E+02	1.50E+02	3.55E-01	5.10E-01	5.56E-01	0.00E+00	4.13E+00	1.99E+00	3.65E-01	1.94E+00	2.21E+00	NA	NA	NA	
	011	37	16.6	1/25/2008	12:15	1.44E+03	3.90E+02	2.96E+02	2.08E-01	5.15E-01	6.03E-01	1.60E+00	2.43E+00	2.88E+00	5.96E-01	2.31E+00	2.66E+00	NA	NA	NA	
	012	37	16.6	5/1/2008	15:15	1.13E+03	1.51E+02	1.96E+02	-4.10E-02	3.11E-01	6.29E-01	6.65E-01	1.99E+00	3.47E+00	-1.17E+00	3.62E+00	4.55E+00	NA	NA	NA	
	013	37	16.6	7/25/2008	16:40	2.32E+03	3.77E+02	3.74E+02	3.02E-01	2.75E-01	4.42E-01	-1.77E+00	1.76E+00	2.53E+00	1.09E+00	1.76E+00	3.19E+00	NA	NA	NA	
	014	37	16.6	10/22/2008	14:55	3.14E+03	8.03E+02	5.91E+02	4.62E-01	5.15E-01	5.29E-01	-1.64E+00	5.07E+00	5.26E+00	-3.00E+00	4.93E+00	4.36E+00	NA	NA	NA	
	015	37	16.6	2/2/2009	18:02	1.41E+03	3.27E+02	1.97E+02	-1.78E-01	4.41E-01	6.64E-01	-1.41E+00	2.57E+00	2.67E+00	-1.27E+00	2.55E+00	2.57E+00	NA	NA	NA	
	016	37	16.6	4/23/2009	15:20	5.99E+03	9.50E+02	4.08E+02	2.63E-01	5.33E-01	6.08E-01	-4.68E-01	4.41E+00	2.94E+00	-1.42E+00	2.49E+00	2.48E+00	NA	NA	NA	
	017	37	16.6	7/24/2009	14:30	1.90E+03	3.50E+02	2.31E+02	5.09E-02	7.67E-01	9.17E-01	4.63E-01	5.25E+00	5.40E+00	1.22E+00	3.69E+00	4.48E+00	NA	NA	NA	
	018	37	16.6	11/10/2009	14:49	2.50E+03	2.24E+02	1.04E+02	6.11E-02	6.16E-01	7.60E-01	4.83E-01	4.44E+00	5.17E+00	-8.72E-01	5.57E+00	5.86E+00	NA	NA	NA	
	019	37	16.6	2/17/2010	15:55	3.86E+03	2.88E+02	1.68E+02	6.43E-01	5.02E-01	4.78E-01	2.03E+00	4.29E+00	5.10E+00	-9.48E-01	4.35E+00	4.74E+00	NA	NA	NA	
	020	37	16.6	4/20/2010	16:13	2.02E+03	3.05E+02	1.51E+02	2.96E-01	6.27E-01	7.22E-01	2.94E+00	6.79E+00	7.62E+00	-7.47E+00	8.46E+00	5.97E+00	NA	NA	NA	
	021	37	16.6	7/19/2010	15:38	3.69E+03	3.35E+02	1.43E+02	5.08E-01	6.10E-01	6.47E-01	1.04E+00	7.75E+00	8.85E+00	-1.87E+00	7.10E+00	7.11E+00	NA	NA	NA	
	022	37	16.6	10/22/2010	15:59	2.74E+03	2.90E+02	1.13E+02	9.55E-02	5.19E-01	6.32E-01	1.35E+00	6.04E+00	6.99E+00	-1.65E+00	5.70E+00	5.89E+00	NA	NA	NA	
	023	37	16.6	2/16/2011	16:58	8.12E+03	7.86E+02	3.63E+02	1.03E+00	1.39E+00	1.48E+00	-8.53E-01	5.64E+00	5.99E+00	1.42E+00	6.30E+00	7.17E+00	NA	NA	NA	
	024	37	16.6	4/20/2011	14:09	8.56E+03	1.03E+03	4.65E+02	1.45E+00	1.56E+00	1.61E+00	7.04E-01	6.50E+00	7.46E+00	7.13E+00	1.07E+01	1.29E+01	NA	NA	NA	
	025	37	16.6	7/25/2011	13:23	3.94E+04	2.07E+03	4.36E+02	1.14E+00	1.30E+00	1.37E+00	3.09E+00	7.41E+00	8.65E+00	-2.66E+00	1.01E+01	1.05E+01	NA	NA	NA	
	026	37	16.6	8/23/2011	13:58	2.72E+04	1.63E+03	4.50E+02	1.77E-01	9.15E-01	1.10E+00	8.73E-01	1.12E+01	1.05E+01	-7.52E+00	1.06E+01	8.89E+00	NA	NA	NA	
	027	37	16.6	11/28/2011	15:03	1.65E+03	6.27E+02	5.10E+02	8.10E-01	1.75E+00	1.95E+00	1.21E+00	5.94E+00	7.69E+00	-2.64E+00	6.96E+00	7.84E+00	NA	NA	NA	
MW-45-61	001	58	-4.4	4/4/2006	17:00	2.98E+02	2.18E+02	2.23E+02	1.82E-01	5.03E-01	5.39E-01	8.62E+00	1.14E+01	1.32E+01	1.40E+00	1.02E+01	1.17E+01	NA	NA	NA	MW-45-61
	002	58	-4.4	5/25/2006	9:10	1.71E+03	3.57E+02	2.37E+02	5.63E-01	9.81E-01	1.03E+00	7.76E-01	9.14E+00	1.02E+01	5.35E+00	1.06E+01	1.31E+01	NA	NA	NA	
	003	58	-4.4	6/12/2006	11:00	1.02E+03	2.31E+02	1.56E+02	4.81E-01	5.85E-01	6.90E-01	-4.60E+00	6.63E+00	7.11E+00	9.35E-02	6.22E+00	7.59E+00	NA	NA	NA	
	004	58	-4.4	7/20/2006	12:50	3.72E+02	1.88E+02	1.66E+02	0.00E+00	1.36E+00	1.59E+00	-3.98E-01	5.08E+00	5.30E+00	1.33E+00	3.96E+00	5.02E+00	NA	NA	NA	
	005	58	-4.4	8/11/2006	9:45	1.35E+03	2.88E+02	1.91E+02	NA	NA	NA	6.43E+00	9.17E+00	1.16E+01	-8.33E-01	9.00E+00	9.75E+00	NA	NA	NA	
	006	58	-4.4	9/13/2006	9:30	1.45E+03	3.09E+02	2.04E+02	NA	NA	NA	-6.55E+00	7.21E+00	5.92E+00	-3.06E+00	7.35E+00	6.87E+00	NA	NA	NA	
	007	58	-4.4	11/13/2006	11:20	9.57E+02	1.44E+02	1.40E+02	1.73E+00	7.50E-01	7.60E-01	-3.00E-01	4.50E+00	5.30E+00	-3.20E+00	4.50E+00	6.30E+00	2.50E+00	6.60E+00	7.30E+00	
	008	58	-4.4	6/21/2007	12:55	1.47E+03	5.42E+02	4.34E+02	-7.02E-02	7.47E-01	9.67E-01	3.52E+00	4.72E+00	3.52E+00	-7.21E-01	3.56E+00	3.69E+00	3.35E+00	1.49E+01	1.71E+01	
	009	58	-4.4	8/15/2007	11:55	1.50E+03	1.88E+02	1.41E+02	4.74E-02	7.90E-01	9.41E-01	3.33E+00	4.25E+00	4.03E+00	-6.51E-01	3.86E+00	3.59E+00	NA	NA	NA	
	010	58	-4.4	10/5/2007	11:30	2.15E+03	3.03E+02	1.52E+02	4.87E-01	5.23E-01	5.36E-01	-1.73E-01	1.43E+00	1.56E+00	6.59E-02	1.46E+00	1.62E+00	NA	NA	NA	
	011	58	-4.4	1/25/2008	11:55	2.66E+03	4.80E+02	2.96E+02	4.26E-01	5.76E-01	6.21E-01	2.42E+00	3.60E+00	2.52E+00	-2.05E-01	2.88E+00	3.19E+00	NA	NA	NA	
	012	58	-4.4	5/1/2008	10:16	2.21E+03	1.80E+02	1.95E+02	6.93E-01	4.96E-01	7.66E-01	3.16E-01	2.07E+00	3.59E+00	-1.29E+00	2.25E+00	3.53E+00	NA	NA	NA	
	013	58	-4.4	7/25/2008	13:51	1.80E+03	3.46E+02	3.76E+02	2.36E-01	2.45E-01	4.05E-01	-1.88E+00	1.91E+00	2.80E+00	7.83E-01	1.91E+00	3.40E+00	NA	NA	NA	
	014	58	-4.4	10/22/2008	9:33	1.27E+03	6.35E+02	5.90E+02	1.99E-01	5.82E-01	6.91E-01	-1.52E+00	5.07E+00	5.32E+00	1.04E+00	5.73E+00	6.58E+00	NA	NA	NA	
	015	58	-4.4	2/2/2009	13:13	1.36E+03	3.24E+02	1.99E+02	-1.47E-01	7.61E-01	9.47E-01	9.93E-01	3.59E+00	4.20E+00	2.30E-01	3.23E+00	3.66E+00	NA	NA	NA	
	016	58	-4.4	4/23/2009	10:20	1.46E+03	5.45E+02	4.05E+02	-1.37E-01	6.17E-01	8.06E-01	-4.72E-01	4.17E+00	2.78E+00	1.13E+00	2.54E+00	3.01E+00	NA	NA	NA	
	017	58	-4.4	7/24/2009	11:56	1.11E+03	2.93E+02	2.29E+02	1.01E-01	8.04E-01	9.62E-01	-5.29E-01	3.33E+00	3.69E+00	6.08E-01	3.24E+00	3.82E+00	NA	NA	NA	
	018	58	-4.4	11/9/2009	12:53	1.37E+03	1.77E+02	1.05E+02	3.44E-01	5.20E-01	5.74E-01	-4.63E-01	5.99E+00	6.70E+00	-3.73E+00	7.04E+00	6.99E+00	NA	NA	NA	
	019	58	-4.4	2/17/2010	12:55	1.44E+03	2.10E+02	1.68E+02	3.08E-01	3.80E-01	3.95E-01	-8.12E-01	3.86E+00	4.17E+00	-2.61E+00	4.37E+00	4.43E+00	NA	NA	NA	
	020	58	-4.4	4/20/2010	11:13	9.89E+02	2.25E+02	1.45E+02	2.71E-01	7.70E-01	8.89E-01	-8.78E-02	7.91E+00	8.84E+00	-3.82E+00	8.70E+00	8.72E+00	NA	NA	NA	
	021	58	-4.4	7/19/2010	13:28	1.00E+03	2.07E+02	1.48E+02	4.07E-01	5.04E-01	5.30E-01	-2.93E+00	8.29E+00	8.61E+00	-2.24E+00	8.88E+00	9.24E+00	NA	NA	NA	
	022	58	-4.4	10/22/2010	11:54	1.51E+03	2.22E+02	1.12E+02	3.58E-01	5.53E-01	6.05E-01	-2.92E+00	5.78E+00	5.94E+00	1.19E-01	6.92E+00	7.73E+00	NA	NA	NA	
	023	58	-4.4	2/16/2011	16:15	1.84E+03	5.20E+02	3.98E+02	-2.25E-01	1.64E+00	1.96E+00	1.38E+00	4.80E+00	5.41E+00	9.89E-01	5.46E+00	6.15E+00	NA	NA	NA	
	024	58	-4.4	4/20/2011	10:07	2.03E+03	6.12E+02	4.74E+02	7.22E-01	1.36E+00	1.51E+00	-4.02E+00	7.76E+00	7.55E+00	-8.47E-01	7.56E+00	7.91E+00	NA	NA	NA	
	025	58	-4.4	7/25/2011	10:00	5.63E+03	8.49E+02	4.33E+02	9.47E-01	1.19E+00	1.25E+00	1.42E+00	5.79E+00	6.69E+00	2.07E+00	8.34E+00	9.68E+00	NA	NA	NA	
	026	58	-4.4	8/23/2011	10:48	5.91E+03	8.13E+02	4.34E+02	7.01E-01	1.16E+00	1.26E+00	-8.68E-01	7.44E+00	7.90E+00	1.84E+00	6.63E+00	7.89E+00	NA	NA	NA	
	027	58	-4.4	11/28/2011	11:44	2.06E+03	6.72E+02	5.16E+02	4.76E-01	1.70E+00	1.97E+00	3.28E-01	7.41E+00	9.39E+00	-6.01E-01	9.42E+00	1.19E+01	NA	NA	NA	
MW-46	002	10.5	7.6	4/12/2006	17:15	1.38E+03	2.81E+02	1.76E+02	6.24E-01	4.82E-01	4.89E-01	9.28E-01	2.98E+00	3.31E+00	-5.36E-01	2.67E+00	2.88E+00	NA	NA	NA	MW-46
	003	10.5	7.6	5/24/2006	12:55	9.00E+02	1.71E+03	6.33E+02	3.07E-01	6.15E-01	7.47E-01	-7.06E-02	9.87E+00	1.18E+01	5.38E+00	8.80E+00	1.21E+01	NA	NA	NA	
	003	10.5	7.6	5/24/2006	12:55	6.23E+02	2.24E+02	1.87E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-46	004	10.5	7.6	6/13/2006	13:10	6.79E+01	1.80E+02	1.91E+02	3.46E-01	1.04E+00	1.33E+00	2.58E+00	7.28E+00	8.29E+00	-9.79E-01	8.23E+00	8.81E+00	NA	NA	NA	MW-46
	005	10.5	7.6	7/12/2006	13:23	7.86E+02	2.36E+02	1.92E+02	5.77E-01	1.21E+00	1.23E+00	3.98E+00	9.37E+00	1.09E+01	4.49E+00	8.68E+00	1.06E+01	NA	NA	NA	
	006	10.5	7.6	8/4/2006	8:40	1.15E+03	2.75E+02	1.98E+02	NA	NA	NA	1.15E+00	5.05E+00	6.52E+00	-3.50E+00	5.84E+00	5.97E+00	NA	NA	NA	
	007	10.5	7.6	9/13/2006	13:15	1.47E+03	3.30E+02	2.19E+02	NA	NA	NA	3.73E-01	6.01E+00	6.95E+00	2.75E+00	7.27E+00	6.27E+00	NA	NA	NA	
	008	10.5	7.6	6/14/2007	13:50	3.43E+03	5.64E+02	2.95E+02	2.15E-01	4.65E-01	5.35E-01	3.08E-01	3.92E+00	4.37E+00	8.52E-02	3.65E+00	4.09E+00	-1.05E+00	1.52E+01	1.78E+01	
	009	10.5	7.6	8/1/2007	11:35	6.62E+02	3.50E+02	2.44E+02	7.89E-02	3.66E-01	4.49E-01	6.63E-01	3.52E+00	3.80E+00	6.33E-02	2.43E+00	2.77E+00	NA	NA	NA	
	010	10.5	7.6	10/22/2007	14:20	1.67E+03	5.27E+02	4.01E+02	2.17E-01	4.72E-01	5.44E-01	4.68E-01	2.97E+00	3.34E+00	-7.20E-01	2.94E+00	3.09E+00	NA	NA	NA	
	011	10.5	7.6	1/22/2008	12:19	5.49E+02	1.74E+02	1.70E+02	5.30E-01	7.71E-01	8.47E-01	-3.99E-01	2.64E+00	2.84E+00	1.73E+00	2.61E+00	3.31E+00	NA	NA	NA	
	012	10.5	7.6	4/29/2008	16:00	5.21E+02	1.53E+02	2.20E+02	4.10E-01	3.51E-01	5.64E-01	7.87E-01	2.12E+00	3.75E+00	4.57E-01	2.24E+00	3.90E+00	NA	NA	NA	
	013	10.5	7.6	7/24/2008	16:56	7.71E+02	2.75E+02	3.77E+02	2.74E-01	3.07E-01	5.10E-01	6.05E-01	1.96E+00	3.38E+00	-1.89E+00	2.10E+00	3.09E+00	NA	NA	NA	
	014	10.5	7.6	10/20/2008	15:27	1.38E+03	6.44E+02	5.89E+02	9.33E-01	5.85E-01	5.11E-01	-2.27E+00	5.88E+00	5.91E+00	-5.88E-01	5.63E+00	6.09E+00	NA	NA	NA	
	015	10.5	7.6	2/5/2009	13:46	1.00E+03	2.88E+02	1.96E+02	-1.30E-01	6.23E-01	7.82E-01	-1.68E+00	2.78E+00	2.71E+00	7.02E-01	2.82E+00	3.28E+00	NA	NA	NA	
	016	10.5	7.6	4/10/2009	12:31	7.56E+02	2.07E+02	1.48E+02	-7.29E-02	5.46E-01	6.63E-01	9.83E-04	5.58E+00	3.72E+00	1.54E+00	3.68E+00	4.40E+00	NA	NA	NA	
	017	10.5	7.6	7/14/2009	13:57	8.32E+02	2.72E+02	2.30E+02	5.25E-01	7.99E-01	8.88E-01	-1.07E-01	3.07E+00	3.40E+00	2.37E+00	4.07E+00	4.55E+00	NA	NA	NA	
	018	10.5	7.6	11/6/2009	13:24	1.10E+03	1.67E+02	1.07E+02	8.60E-01	5.09E-01	4.14E-01	2.85E+00	6.25E+00	7.40E+00	-3.06E+00	6.12E+00	5.78E+00	NA	NA	NA	
	019	10.5	7.6	2/12/2010	12:44	1.13E+03	2.12E+02	1.82E+02	5.09E-01	5.69E-01	5.98E-01	1.41E+00	3.98E+00	4.64E+00	-1.64E+00	5.68E+00	4.98E+00	NA	NA	NA	
	020	10.5	7.6	4/12/2010	11:32	7.62E+02	1.92E+02	1.77E+02	8.57E-01	7.68E-01	7.39E-01	-2.73E+00	1.08E+01	1.14E+01	-2.57E+00	1.05E+01	1.13E+01	NA	NA	NA	
	021	10.5	7.6	7/23/2010	13:10	1.92E+03	2.58E+02	1.46E+02	1.80E-01	5.63E-01	6.59E-01	1.28E-01	7.65E+00	8.12E+00	-1.36E+00	7.96E+00	8.34E+00	NA	NA	NA	
	022	10.5	7.6	10/28/2010	13:25	3.13E+03	3.08E+02	1.13E+02	3.76E-01	5.09E-01	5.49E-01	-2.05E+00	5.85E+00	5.88E+00	2.98E+00	6.81E+00	8.22E+00	NA	NA	NA	
	023	10.5	7.6	2/23/2011	12:46	2.47E+03	5.70E+02	3.98E+02	1.12E+00	1.89E+00	2.06E+00	-2.22E+00	5.28E+00	5.28E+00	5.21E-01	5.10E+00	5.66E+00	NA	NA	NA	
	024	10.5	7.6	4/25/2011	11:19	5.25E+03	7.54E+02	3.95E+02	1.48E+00	1.72E+00	1.80E+00	-2.48E+00	7.24E+00	7.06E+00	-4.44E+00	7.44E+00	6.77E+00	NA	NA	NA	
	025	10.5	7.6	7/13/2011	13:29	3.08E+03	7.17E+02	2.86E+02	8.44E-01	1.19E+00	1.26E+00	3.71E+00	8.64E+00	1.04E+01	-9.54E-01	1.02E+01	1.08E+01	NA	NA	NA	
	026	10.5	7.6	8/17/2011	11:36	3.30E+03	6.72E+02	4.50E+02	8.77E-01	1.21E+00	1.29E+00	3.43E-01	7.86E+00	8.82E+00	-1.10E+00	7.50E+00	7.97E+00	NA	NA	NA	
	027	10.5	7.6	10/20/2011	13:35	2.28E+03	4.68E+02	3.46E+02	3.95E-01	1.30E+00	1.52E+00	-4.36E+00	8.19E+00	8.94E+00	-1.03E+00	8.07E+00	1.01E+01	NA	NA	NA	
MW-47-56	002	53.2	17.1	4/13/2006	12:05	7.60E+02	2.22E+02	1.67E+02	2.27E+00	7.65E-01	7.30E-01	8.27E-02	5.45E+00	5.95E+00	-4.55E-01	5.30E+00	5.77E+00	NA	NA	NA	MW-47-56
	003	53.2	17.1	7/18/2006	10:13	1.54E+02	1.95E+02	1.99E+02	1.91E-01	1.47E+00	1.59E+00	3.70E+00	7.80E+00	9.34E+00	2.47E+00	1.04E+01	1.29E+01	NA	NA	NA	
	004	53.2	17.1	6/20/2007	10:07	5.29E+02	1.95E+02	1.85E+02	5.93E-01	5.25E-01	5.10E-01	0.00E+00	6.66E+00	3.37E+00	3.57E+00	3.71E+00	4.73E+00	NA	NA	NA	
	004	53.2	17.1	6/20/2007	10:07	NA	NA	NA	NA	NA	NA	0.00E+00	4.28E+00	3.79E+00	1.63E+00	3.17E+00	3.79E+00	3.81E+00	1.32E+01	1.51E+01	
	005	53.2	17.1	8/10/2007	11:00	2.70E+02	1.88E+02	2.02E+02	5.07E-01	8.04E-01	8.91E-01	-3.84E-01	3.48E+00	3.75E+00	1.49E-01	2.94E+00	3.37E+00	NA	NA	NA	
	006	53.2	17.1	7/6/2011	15:32	3.52E+03	6.57E+02	4.48E+02	4.63E-01	1.08E+00	1.22E+00	-1.56E+00	1.11E+01	1.20E+01	1.45E-01	7.41E+00	8.25E+00	-1.99E+01	2.17E+01	2.50E+01	
	007	53.2	17.1	8/18/2011	12:39	5.42E+02	2.76E+02	2.00E+02	1.03E+00	1.28E+00	1.31E+00	-8.54E-01	1.13E+01	1.25E+01	3.86E+00	8.64E+00	1.07E+01	-2.22E+00	1.75E+01	2.00E+01	
	008	53.2	17.1	10/28/2011	11:36	5.31E+03	8.52E+02	4.99E+02	-6.21E-01	8.79E-01	1.40E+00	1.34E+00	8.85E+00	1.07E+01	2.06E-01	1.01E+01	1.29E+01	-6.21E+00	1.24E+01	1.44E+01	
MW-47-80	001	74	-3.7	4/13/2006	11:45	2.33E+03	4.28E+02	2.29E+02	2.73E+00	7.35E-01	6.53E-01	-5.82E-01	4.48E+00	5.14E+00	2.25E-01	3.91E+00	4.76E+00	NA	NA	NA	MW-47-80
	002	74	-3.7	7/18/2006	8:51	1.87E+03	3.87E+02	2.58E+02	2.86E+00	1.43E+00	1.14E+00	1.67E+00	1.05E+01	1.19E+01	2.39E+00	9.21E+00	1.09E+01	NA	NA	NA	
	003	74	-3.7	6/19/2007	11:00	2.36E+03	5.94E+02	3.58E+02	3.27E+00	8.98E-01	5.28E-01	2.05E+00	3.81E+00	4.58E+00	-2.27E+00	4.82E+00	3.92E+00	4.08E-01	1.18E+01	1.38E+01	
	004	74	-3.7	8/10/2007	12:21	3.51E+03	7.25E+02	4.52E+02	3.55E+00	1.21E+00	9.05E-01	-9.39E-02	3.21E+00	3.56E+00	-8.20E-02	3.18E+00	3.50E+00	NA	NA	NA	
	005	74	-3.7	7/6/2011	14:37	1.36E+05	3.36E+03	4.50E+02	1.95E+00	1.33E+00	1.22E+00	-1.57E+00	8.37E+00	8.73E+00	-3.43E+00	7.80E+00	7.13E+00	3.07E+00	2.59E+01	2.89E+01	
	006	74	-3.7	8/18/2011	11:36	1.37E+05	4.08E+03	2.18E+02	8.23E-01	1.22E+00	1.29E+00	-5.83E+00	9.30E+00	8.60E+00	-6.32E-01	8.79E+00	9.27E+00	-1.15E+00	1.88E+01	2.15E+01	
	007	74	-3.7	10/28/2011	13:24	9.68E+04	3.21E+03	5.07E+02	2.13E+00	1.58E+00	1.38E+00	-1.35E+00	6.54E+00	7.91E+00	1.21E+00	6.45E+00	8.88E+00	3.54E+00	1.31E+01	1.46E+01	
MW-48-23	001	20.4	-5	2/8/2006	10:10	1.66E+02	3.26E+02	3.42E+02	1.93E-01	5.04E-01	5.94E-01	-2.14E-01	1.04E+01	1.13E+01	1.46E+00	9.95E+00	1.12E+01	NA	NA	NA	MW-48-23
	002	20.4	-5	4/12/2006	9:58	1.24E+02	4.08E+02	4.52E+02	-1.10E-01	3.90E-01	4.40E-01	3.25E+00	9.75E+00	7.26E+00	2.49E+00	7.47E+00	6.18E+00	NA	NA	NA	
	003	20.4	-5	4/27/2006	13:42	2.38E+02	1.94E+02	2.03E+02	-2.50E-02	4.58E-01	5.04E-01	-1.88E+00	5.06E+00	5.65E+00	-1.19E-01	4.40E+00	5.27E+00	NA	NA	NA	
	004	20.4	-5	5/22/2006	10:30	7.55E+02	4.26E+02	4.46E+02	2.42E-01	2.88E-01	3.10E-01	3.22E+00	9.67E+00	7.12E+00	4.29E+00	1.29E+01	9.62E+00	NA	NA	NA	
	005	20.4	-5	6/9/2006	11:15	2.95E+02	4.14E+02	4.53E+02	3.10E-01	9.88E-01	1.26E+00	1.09E+00	5.21E+00	5.80E+00	3.08E+00	5.41E+00	5.96E+00	NA	NA	NA	
	005	20.4	-5	6/9/2006	11:15	7.37E+02	2.09E+02	1.56E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	20.4	-5	6/9/2006	11:15	6.03E+01	4.39E+02	6.24E+02	3.70E-01	3.60E-01	4.00E-01	2.59E+00	7.76E+00	5.90E+00	3.25E+00	9.74E+00	7.61E+00	1.60E+01	1.53E+01	1.62E+01	
	006	20.4	-5	7/6/2006	12:00	4.21E+02	4.17E+02	4.52E+02	-2.20E-01	4.20E-01	4.90E-01	2.55E+00	7.64E+00	5.49E+00	2.60E+00	7.79E+00	5.78E+00	NA	NA	NA	
	007	20.4	-5	8/8/2006	10:30	1.04E+02	1.68E+02	1.72E+02	7.00E-02	6.30E-01	7.00E-01	1.93E+00	4.76E+00	5.56E+00	1.99E+00	4.41E+00	5.37E+00	NA	NA	NA	
	008	20.4	-5	9/5/2006	10:05	2.44E+01	1.59E+02	1.72E+02	-6.00E-02	7.80E-01	8.60E-01	-2.90E+00	7.82E+00	8.12E+00	1.05E-01	8.58E+00	1.02E+01	NA	NA	NA	
	009	20.4	-5	11/22/2006	9:23	1.67E+02	4.08E+02	4.50E+02	-7.00E-02	6.30E-01	7.10E-01	3.91E+00	1.17E+01	8.71E+00	3.22E+00	9.67E+00	7.76E+00	NA	NA	NA	
	010	20.4	-5	2/9/2007	10:54	2.72E+02	1.68E+02	1.70E+02	-1.60E-01	1.53E+00	1.70E+00	3.70E-01	1.80E+00	2.00E+00	8.30E-01	2.07E+00	2.30E+00	NA	NA	NA	
	011	20.4	-5	8/16/2007	11:00	3.93E+02	1.64E+02	1.61E+02	-3.94E-01	5.69E-01	8.47E-01	1.66E+00	4.92E+00	3.58E+00	5.36E-01	3.03E+00	3.55E+00	NA	NA	NA	
MW-48-37	001	36	-20.6	2/10/2006	14:10	1.00E+01	4.26E+02	4.73E+02	NA	NA	NA	1.18E+00	3.54E+00	2.53E+00	2.07E+00	6.21E+00	4.39E+00	NA	NA	NA	MW-48-37
	002	36	-20.6	4/12/2006	10:00	-5.40E+01	4.02E+02	4.52E+02	2.10E-01	3.90E-01	4.30E-01	1.70E+00	5.09E+00	3.53E+00	3.34E+00	1.00E+01	6.89E+00	NA	NA	NA	
	003	36	-20.6	4/27/2006	13:20	-2.15E+02	1.77E+02	2.04E+02	-4.96E-02	3.79E-01	4.20E-01	7.95E+00	9.91E+00	1.01E+01	-3.17E-01	8.42E+00	9.20E+00	NA	NA	NA	
	004	36	-20.6	5/22/2006	10:00	1.39E+02	4.02E+02	4.46E+02	-1.20E-01	3.60E-01	4.10E-01	1.35E+00	4.05E+00	2.94E+00	2.31E+00	6.94E+00	5.00E+00	NA	NA	NA	
	005	36	-20.6	6/9/2006	11:30	5.96E+02	1.38E+03	6.24E+02	1.05E-01	7.89E-01	1.03E+00	1.50E+00	5.71E+00	6.44E+00	-1.58E+00	5.25E+00	5.52E+00	NA	NA	NA	
	005	36	-20.6	6/9/2006	11:30	1.43E+02	1.67E+02	1.66E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	36	-20.6	6/9/2006	11:30	1.66E+02	4.11E+02	4.53E+02	2.08E+00	4.50E-01	4.00E-01	2.40E+00	7.20E+00	4.95E+00	4.14E+00	1.24E+01	8.50E+00	4.58E+00	1.35E+01	1.46E+01	
	006	36	-20.6	7/6/2006	8:45	1.47E+02	4.08E+02	4.52E+02	1.70E-01	8.10E-01	8.80E-01	2.10E+00	6.31E+00	4.44E+00	4.21E+00	1.26E+01	8.77E+00	NA	NA	NA	
	007	36	-20.6	8/8/2006	10:20	1.09E+01	1.55E+02	1.69E+02	6.00E-02	6.90E-01	7.80E-01	1.86E+00	5.68E+00	6.65E+00	2.95E-01	5.29E+00	5.93E+00	NA	NA	NA	
	008	36	-20.6	9/5/2006	10:20	5.73E+02	2.12E+02	1.75E+02	0.00E+00	6.90E-01	7.70E-01	-2.86E-01	5.59E+00	6.04E+00	1.60E+00	5.35E+00	6.37E+00	NA	NA	NA	
	009	36	-20.6	11/22/2006	9:34	2.62E+02	4.11E+02	4.50E+02	0.00E+00	6.30E-01	7.00E-01	1.60E+00	4.80E+00	3.39E+00	3.58E+00	1.07E+01	7.47E+00	NA	NA	NA	
	010	36	-20.6	2/9/2007	10:59	2.70E+01	1.65E+02	1.70E+02	-1.40E-01	1.38E+00	1.50E+00	-6.10E-01	1.26E+00	1.50E+00	-4.70E-01	1.38E+00	1.60E+00	NA	NA	NA	
	011	36	-20.6	8/16/2007	11:07	1.29E+02	1.59E+02	1.75E+02	4.11E-02	6.27E-01	7.94E-01	1.78E+00	4.35E+00	4.53E+00	-4.00E-01	4.51E+00	5.01E+00	NA	NA	NA	
MW-49-26	001	19.1	-4.4	3/22/2006	16:50	1.54E+04	2.81E+03	1.82E+03	1.84E+01	9.96E-01	4.29E-01	-5.28E-01	9.40E+00	1.02E+01	-1.35E+00	8.98E+00	9.69E+00	NA	NA	NA	MW-49-26
	003	19.1	-4.4	5/19/2006	14:55	9.40E+03	1.50E+03	4.96E+02	9.03E+00	9.40E-01	5.45E-01	2.65E+00	7.87E+00	9.09E+00	1.15E+00	5.99E+00	6.92E+00	NA	NA	NA	
	003	19.1	-4.4	5/19/2006	14:55	1.42E+04	6.75E+03	6.29E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	19.1	-4.4	6/6/2006	9:55	1.40E+04	2.16E+03	4.95E+02	1.41E+01	1.17E+00	5.80E-01	6.14E+00	1.18E+01	1.41E+01	2.42E+00	1.02E+01	1.21E+01	NA	NA	NA	
	005	19.1	-4.4	7/7/2006	9:15	1.00E+04	2.06E+03	1.51E+03	1.26E+01	2.67E+00	1.51E+00	1.38E+00	8.45E+00	9.49E+00	-1.98E+00	8.42E+00	8.90E+00	NA	NA	NA	
	006	19.1	-4.4	8/1/2006	9:28	1.37E+04	1.13E+03	6.16E+02	NA	NA	NA	-5.93E+00	6.06E+00	4.56E+00	-3.09E+00	5.14E+00	4.31E+00	3.67E+01	3.09E+01	3.26E+01	
	007	19.1	-4.4	8/28/2006	12:30	1.10E+04	1.12E+03	7.68E+02	NA	NA	NA	-2.69E+00	5.42E+00	5.50E+00	-3.57E+00	4.78E+00	3.71E+00	NA	NA	NA	
	008	19.1	-4.4	11/15/2006	11:28	6.39E+03	1.38E+03	1.00E+03	1.55E+01	1.95E+00	7.70E-01	8.00E-01	3.00E+00	3.40E+00	-3.00E-01	4.20E+00	5.00E+00	8.40E+00	2.04E+01	2.20E+01	
	009	19.1	-4.4	6/26/2007	12:30	7.76E+03	3.48E+02	1.79E+02	1.27E+01	1.40E+00	7.13E-01	1.36E+00	2.55E+00	2.83E+00	-8.28E-01	2.23E+00	2.31E+00	-1.92E+00	1.28E+01	1.50E+01	
	010	19.1	-4.4	8/9/2007	11:17	6.72E+03	9.50E+02	4.62E+02	1.43E+01	2.16E+00	9.06E-01	4.09E-01	3.72E+00	4.23E+00	2.50E+00	3.51E+00	4.54E+00	7.93E-01	2.07E+01	2.42E+01	
	011	19.1	-4.4	1/28/2008	16:28	4.21E+03	5.76E+02	2.98E+02	2.29E+01	2.40E+00	8.52E-01	-1.19E+00	1.95E+00	2.07E+00	4.31E-01	1.97E+00	2.29E+00	5.16E+00	1.53E+01	1.75E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-49-26	012	19.1	-4.4	4/25/2008	12:45	5.00E+03	3.13E+02	1.44E+02	1.81E+01	1.32E+00	5.69E-01	2.68E+00	2.36E+00	4.34E+00	2.08E+00	2.22E+00	4.14E+00	1.76E+00	1.19E+01	2.05E+01	MW-49-26
	013	19.1	-4.4	7/30/2008	15:03	3.96E+03	1.73E+02	1.30E+02	1.62E+01	1.27E+00	8.36E-01	-9.75E-01	1.74E+00	2.74E+00	1.31E+00	2.17E+00	3.93E+00	-2.81E+00	1.64E+01	2.92E+01	
	014	19.1	-4.4	11/5/2008	15:54	3.47E+03	4.55E+02	1.91E+02	1.53E+01	2.06E+00	6.10E-01	-1.36E+00	5.03E+00	5.26E+00	-3.17E-01	4.65E+00	5.18E+00	2.96E+00	1.77E+01	2.02E+01	
	015	19.1	-4.4	2/6/2009	13:03	3.10E+03	2.66E+02	1.69E+02	1.38E+01	1.91E+00	8.59E-01	1.77E+00	4.34E+00	4.54E+00	1.26E+00	3.56E+00	4.24E+00	2.31E+01	2.21E+01	2.42E+01	
	016	19.1	-4.4	5/6/2009	10:46	3.20E+03	4.05E+02	1.80E+02	1.50E+01	1.85E+00	4.90E-01	2.93E+00	7.91E+00	5.27E+00	2.01E-01	3.78E+00	4.33E+00	7.21E-01	1.67E+01	1.91E+01	
	017	19.1	-4.4	8/7/2009	10:50	3.56E+03	2.97E+02	1.79E+02	1.23E+01	1.64E+00	6.79E-01	-9.22E-01	3.27E+00	3.47E+00	-1.44E+00	3.66E+00	3.60E+00	4.77E+00	1.95E+01	2.22E+01	
	018	19.1	-4.4	10/29/2009	13:14	3.17E+03	2.91E+02	1.88E+02	1.33E+01	1.71E+00	8.20E-01	7.51E-01	6.13E+00	6.91E+00	0.00E+00	5.38E+00	5.96E+00	-4.26E+00	1.77E+01	2.06E+01	
	019	19.1	-4.4	2/22/2010	14:35	2.82E+03	2.70E+02	1.74E+02	1.36E+01	1.92E+00	8.62E-01	2.49E+00	5.76E+00	6.86E+00	-1.91E-01	5.78E+00	6.41E+00	-6.01E+00	1.84E+01	2.16E+01	
	020	19.1	-4.4	4/23/2010	14:42	3.00E+03	3.30E+02	1.38E+02	1.55E+01	2.44E+00	8.19E-01	2.82E+00	7.32E+00	8.92E+00	-2.28E-01	9.12E+00	1.01E+01	-7.28E+00	1.95E+01	2.26E+01	
	021	19.1	-4.4	8/11/2010	11:27	3.03E+03	3.03E+02	1.27E+02	1.28E+01	1.44E+00	3.66E-01	-7.91E-01	1.14E+01	1.15E+01	-1.86E+00	1.10E+01	1.19E+01	3.27E-01	1.64E+01	1.92E+01	
	022	19.1	-4.4	11/11/2010	14:23	2.59E+03	3.00E+02	4.76E+02	-3.42E-01	9.56E-01	2.34E+00	4.62E+00	4.84E+00	1.15E+01	1.18E+00	3.96E+00	9.11E+00	-1.79E+00	1.02E+01	2.29E+01	
	023	19.1	-4.4	1/28/2011	13:37	3.17E+03	6.00E+02	4.29E+02	1.30E+01	2.86E+00	2.01E+00	3.39E-01	1.04E+01	7.00E+00	-2.43E+00	6.42E+00	6.44E+00	-4.38E+00	1.87E+01	2.20E+01	
	024	19.1	-4.4	4/15/2011	11:58	3.29E+03	7.18E+02	4.80E+02	1.26E+01	3.06E+00	1.91E+00	4.75E+00	1.07E+01	1.27E+01	4.03E+00	1.20E+01	1.47E+01	1.81E+00	1.50E+01	1.72E+01	
	025	19.1	-4.4	8/10/2011	10:46	3.97E+03	6.39E+02	2.00E+02	1.26E+01	2.89E+00	1.34E+00	-1.94E+00	9.06E+00	9.33E+00	2.94E+00	8.31E+00	1.00E+01	-1.77E+01	2.04E+01	2.57E+01	
	026	19.1	-4.4	11/4/2011	11:50	4.92E+03	8.37E+02	5.06E+02	1.27E+01	2.95E+00	1.25E+00	2.60E+00	1.11E+01	7.92E+00	5.17E+00	8.04E+00	1.17E+01	-2.73E+00	1.26E+01	1.44E+01	
MW-49-42	001	38.1	-23.4	3/22/2006	16:45	1.13E+04	2.55E+03	1.83E+03	1.94E+01	1.04E+00	4.30E-01	3.30E+00	1.19E+01	1.32E+01	-4.57E+00	1.11E+01	1.14E+01	NA	NA	NA	MW-49-42
	003	38.1	-23.4	5/19/2006	15:07	9.39E+03	1.49E+03	4.90E+02	1.20E+01	9.57E-01	4.54E-01	2.16E+00	1.39E+01	1.56E+01	3.96E+00	1.40E+01	1.63E+01	NA	NA	NA	
	003	38.1	-23.4	5/19/2006	15:07	8.83E+03	5.33E+03	6.29E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	38.1	-23.4	6/6/2006	10:10	8.28E+03	1.32E+03	3.86E+02	1.63E+01	1.27E+00	5.67E-01	2.88E+00	1.37E+01	1.58E+01	-1.26E+00	1.07E+01	1.13E+01	NA	NA	NA	
	005	38.1	-23.4	7/7/2006	9:15	5.85E+03	1.82E+03	1.52E+03	1.92E+01	3.23E+00	1.49E+00	2.01E+00	1.14E+01	1.30E+01	-1.61E+00	1.06E+01	1.11E+01	NA	NA	NA	
	006	38.1	-23.4	8/1/2006	9:40	8.80E+03	9.68E+02	6.16E+02	NA	NA	NA	-4.22E+00	9.33E+00	8.64E+00	-1.94E+00	8.78E+00	8.99E+00	8.06E+00	9.86E+00	1.05E+01	
	007	38.1	-23.4	8/28/2006	12:40	8.69E+03	9.57E+02	6.10E+02	NA	NA	NA	-8.31E-02	1.05E+01	1.16E+01	-6.74E+00	9.40E+00	6.18E+00	NA	NA	NA	
	008	38.1	-23.4	11/15/2006	14:21	6.19E+03	1.38E+03	1.00E+03	2.11E+01	2.46E+00	8.10E-01	-6.60E-01	2.25E+00	2.60E+00	1.18E+00	2.34E+00	2.60E+00	2.60E+00	5.70E+00	6.20E+00	
	009	38.1	-23.4	6/26/2007	12:30	4.44E+03	2.90E+02	1.86E+02	2.08E+01	1.65E+00	6.22E-01	-3.62E-01	4.56E+00	4.32E+00	-2.09E+00	3.66E+00	3.54E+00	-5.19E+00	1.30E+01	1.54E+01	
	010	38.1	-23.4	8/9/2007	12:05	4.30E+03	7.91E+02	4.59E+02	2.56E+01	2.77E+00	8.29E-01	-1.17E+00	3.27E+00	3.37E+00	2.77E+00	3.52E+00	4.56E+00	4.03E-01	2.10E+01	2.46E+01	
	011	38.1	-23.4	1/28/2008	15:49	2.81E+03	4.92E+02	2.98E+02	2.94E+01	2.57E+00	5.58E-01	8.68E-01	2.10E+00	2.43E+00	8.96E-01	2.13E+00	2.52E+00	5.79E+00	1.73E+01	1.97E+01	
	012	38.1	-23.4	4/25/2008	12:38	3.20E+03	2.54E+02	1.44E+02	2.33E+01	1.49E+00	5.24E-01	4.07E-01	1.82E+00	3.18E+00	5.91E-01	2.37E+00	4.13E+00	-1.03E+00	1.17E+01	2.04E+01	
	013	38.1	-23.4	7/30/2008	15:06	2.52E+03	1.45E+02	1.30E+02	2.16E+01	1.41E+00	6.09E-01	4.49E-01	1.59E+00	2.79E+00	7.96E-01	1.70E+00	3.09E+00	-2.73E+00	1.59E+01	2.84E+01	
	014	38.1	-23.4	11/5/2008	14:31	2.54E+03	4.04E+02	1.97E+02	2.16E+01	2.50E+00	7.01E-01	-1.27E+00	6.33E+00	6.92E+00	-1.93E+00	8.10E+00	7.46E+00	4.70E+00	1.84E+01	2.09E+01	
	015	38.1	-23.4	2/6/2009	9:57	2.25E+03	2.40E+02	1.70E+02	2.07E+01	2.37E+00	9.73E-01	1.38E+00	3.51E+00	4.09E+00	-2.43E+00	3.38E+00	3.11E+00	-2.15E+00	2.15E+01	2.48E+01	
	016	38.1	-23.4	5/6/2009	14:27	2.50E+03	3.63E+02	1.79E+02	1.75E+01	2.04E+00	4.71E-01	1.31E+00	7.25E+00	4.83E+00	1.78E-01	4.17E+00	4.49E+00	-7.29E+00	1.67E+01	1.94E+01	
	017	38.1	-23.4	8/7/2009	10:55	2.68E+03	2.69E+02	1.79E+02	1.75E+01	1.92E+00	6.96E-01	-3.65E-01	3.48E+00	3.79E+00	9.35E-01	3.35E+00	3.95E+00	-7.87E+00	1.49E+01	1.75E+01	
	018	38.1	-23.4	10/29/2009	13:04	2.51E+03	2.70E+02	1.88E+02	1.74E+01	1.91E+00	7.50E-01	6.14E-01	6.27E+00	7.22E+00	-9.32E-02	7.29E+00	8.25E+00	-9.33E+00	1.73E+01	2.03E+01	
	019	38.1	-23.4	2/22/2010	14:43	2.20E+03	2.49E+02	1.75E+02	1.85E+01	2.42E+00	7.57E-01	-2.91E-01	5.17E+00	5.65E+00	1.19E+00	5.75E+00	6.62E+00	1.66E-01	1.95E+01	2.25E+01	
	020	38.1	-23.4	4/23/2010	14:39	2.76E+03	3.26E+02	1.43E+02	1.75E+01	2.28E+00	7.01E-01	-5.63E+00	6.62E+00	6.01E+00	-1.68E+00	7.58E+00	7.64E+00	-3.23E+00	2.18E+01	2.51E+01	
	021	38.1	-23.4	8/11/2010	11:00	2.27E+03	2.72E+02	1.30E+02	1.85E+01	1.67E+00	3.91E-01	4.80E+00	7.88E+00	9.85E+00	-2.34E+00	8.76E+00	9.06E+00	-1.91E+00	1.65E+01	1.96E+01	
	022	38.1	-23.4	11/11/2010	14:13	2.39E+03	2.73E+02	4.02E+02	1.99E+01	1.65E+00	1.12E+00	8.48E-01	6.79E+00	9.79E+00	3.75E+00	5.42E+00	1.30E+01	4.00E+00	8.14E+00	1.80E+01	
	023	38.1	-23.4	1/28/2011	13:00	2.45E+03	5.38E+02	3.86E+02	2.30E+01	4.02E+00	2.02E+00	-1.07E+00	5.74E+00	6.21E+00	-2.45E+00	5.50E+00	5.32E+00	-3.26E+00	1.86E+01	2.18E+01	
	024	38.1	-23.4	4/15/2011	11:55	1.90E+03	6.04E+02	4.78E+02	1.57E+01	3.34E+00	2.07E+00	-6.72E+00	7.62E+00	6.17E+00	1.15E-01	7.72E+00	8.33E+00	6.68E+00	1.55E+01	1.73E+01	
	025	38.1	-23.4	8/10/2011	11:16	3.83E+03	6.21E+02	1.96E+02	1.61E+01	3.24E+00	1.64E+00	-1.22E+00	8.94E+00	9.69E+00	-3.72E+00	8.79E+00	8.23E+00	-1.40E+01	1.81E+01	2.15E+01	
	026	38.1	-23.4	11/4/2011	11:43	4.91E+03	8.19E+02	4.90E+02	2.11E+01	3.90E+00	1.51E+00	5.99E-01	1.87E+01	1.10E+01	-3.91E+00	1.04E+01	1.20E+01	4.27E+00	1.30E+01	1.45E+01	
MW-49-65	001	60	-45.4	3/22/2006	16:55	5.43E+03	2.13E+03	1.82E+03	1.85E+01	1.01E+00	4.13E-01	1.36E+00	1.43E+01	1.72E+01	5.51E+00	1.37E+01	1.81E+01	NA	NA	NA	MW-49-65
	003	60	-45.4	5/19/2006	15:55	5.70E+03	9.38E+02	3.84E+02	1.13E+01	8.98E-01	4.28E-01	-2.86E+00	8.51E+00	8.67E+00	-1.43E-01	9.39E+00	1.03E+01	NA	NA	NA	
	003	60	-45.4	5/19/2006	15:55	5.75E+03	4.30E+03	6.29E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	60	-45.4	6/6/2006	10:40	4.32E+03	7.20E+02	2.88E+02	1.72E+01	1.30E+00	6.17E-01	4.52E+00	1.41E+01	1.63E+01	4.24E+00	1.28E+01	1.52E+01	NA	NA	NA	
	005	60	-45.4	7/7/2006	9:10	4.63E+03	1.73E+03	1.52E+03	1.56E+01	3.24E+00	1.86E+00	-2.76E+00	6.49E+00	6.88E+00	1.84E+00	6.45E+00	7.36E+00	NA	NA	NA	
	006	60	-45.4	8/1/2006	10:00	5.76E+03	8.48E+02	6.14E+02	NA	NA	NA	-1.20E+00	6.84E+00	7.48E+00	-6.55E-01	8.18E+00	9.78E+00	5.75E+00	1.06E+01	1.15E+01	
	007	60	-45.4	8/28/2006	12:35	5.54E+03	8.40E+02	6.16E+02	NA	NA	NA	-4.07E+00	9.28E+00	9.08E+00	-1.27E+00	7.42E+00	7.60E+00	NA	NA	NA	
	008	60	-45.4	11/15/2006	13:46	3.04E+03	1.20E+03	1.00E+03	1.92E+01	2.31E+00	8.40E-01	2.12E+00	2.61E+00	2.80E+00	3.00E-01	2.07E+00	2.40E+00	-1.80E+00	6.90E+00	7.70E+00	
	009	60	-45.4	6/26/2007	12:30	2.62E+03	2.45E+02	1.85E+02	1.58E+01	1.58E+00	8.28E-01	-1.36E-03	3.06E+00	3.38E+00	-3.59E+00	4.30E+00	2.75E+00	-7.43E+00	1.41E+01	1.68E+01	
	010	60	-45.4	8/9/2007	11:20	2.41E+03	6.42E+02	4.60E+02	2.08E+01	2.40E+00	9.11E-01	3.44E-01	2.76E+00	3.13E+00	1.65E+00	3.03E+00	3.73E+00	3.50E+00	2.14E+01	2.49E+01	
	011	60	-45.4	1/28/2008	16:52	1.85E+03	4.22E+02	2.95E+02	2.73E+01	2.79E+00	6.29E-01	2.83E+00	3.72E+00	3.81E+00	-1.63E+00	3.17E+00	3.09E+00	1.01E+01	1.95E+01	2.20E+01	
	012	60	-45.4	4/25/2008	13:13	1.93E+03	1.86E+02	1.96E+02	1.90E+01	6.62E-01	3.64E-01	-8.45E-02	1.93E+00	3.28E+00	-1.40E-01	2.29E+00	3.84E+00	6.81E+00	9.59E+00	1.62E+01	
	013	60	-45.4	7/30/2008	13:58	1.56E+03	1.23E+02	1.30E+02	1.78E+01	1.29E+00	5.51E-01	-4.77E-01	2.20E+00	3.63E+00	8.42E-02	2.02E+00	3.39E+00	-6.53E+00	1.67E+01	2.96E+01	
	014	60	-45.4	11/5/2008	14:43	1.26E+03	3.02E+02	1.92E+02	1.72E+01	2.23E+00	5.97E-01	-4.96E+00	6.60E+00	6.62E+00	2.51E+00	6.11E+00	7.41E+00	8.42E-01	1.80E+01	2.06E+01	
	015	60	-45.4	2/6/2009	9:59	1.42E+03	2.10E+02	1.70E+02	1.73E+01	2.10E+00	9.15E-01	-9.15E-01	2.96E+00	3.20E+00	7.61E-01	2.64E+00	3.21E+00	2.70E+00	2.22E+01	2.54E+01	
	016	60	-45.4	5/6/2009	15:18	1.34E+03	2.85E+02	1.80E+02	1.28E+01	1.79E+00	7.13E-01	1.40E-01	4.37E+00	2.91E+00	-3.07E-01	2.99E+00	3.02E+00	-1.93E+00	1.79E+01	2.05E+01	
	017	60	-45.4	8/7/2009	12:48	1.64E+03	2.33E+02	1.80E+02	1.24E+01	1.62E+00	7.16E-01	5.00E-01	3.13E+00	3.54E+00	5.17E-01	3.29E+00	3.76E+00	-3.28E+00	1.86E+01	2.15E+01	
	018	60	-45.4	10/29/2009	13:15	1.66E+03	2.39E+02	1.88E+02	1.14E+01	1.58E+00	8.16E-01	1.01E+00	9.45E+00	8.96E+00	1.59E+00	8.58E+00	8.81E+00	-6.66E+00	1.71E+01	2.00E+01	
	019	60	-45.4	2/22/2010	13:57	1.42E+03	2.19E+02	1.74E+02	1.55E+01	2.34E+00	7.71E-01	-6.73E-01	5.14E+00	5.79E+00	1.50E+00	4.53E+00	5.47E+00	-6.53E+00	1.81E+01	2.13E+01	
	020	60	-45.4	4/23/2010	15:17	1.55E+03	2.63E+02	1.50E+02	1.04E+01	1.85E+00	6.37E-01	6.11E+00	1.36E+01	9.18E+00	-2.53E-01	1.17E+01	1.35E+01	-1.29E+01	1.96E+01	2.32E+01	
	021	60	-45.4	8/11/2010	11:19	1.32E+03	2.16E+02	1.28E+02	1.24E+01	1.44E+00	4.49E-01	-1.12E+01	1.22E+01	1.43E+01	-2.58E-01	9.88E+00	1.11E+01	-6.74E-01	1.80E+01	2.13E+01	
	022	60	-45.4	11/11/2010	14:18	1.37E+03	2.34E+02	3.97E+02	1.41E+01	1.45E+00	1.34E+00	6.99E+00	6.88E+00	1.07E+01	3.39E-01	5.37E+00	1.18E+01	-3.41E+00	9.31E+00	2.09E+01	
	023	60	-45.4	1/28/2011	13:15	1.94E+03	5.02E+02	3.85E+02	1.15E+01	3.28E+00	2.06E+00	-6.30E-01	4.96E+00	5.21E+00	7.15E-01	5.20E+00	5.81E+00	-9.08E+00	1.83E+01	2.20E+01	
	024	60	-45.4	4/15/2011	11:50	2.38E+03	6.48E+02	4.81E+02	1.62E+01	3.12E+00	1.60E+00	2.59E+00	9.66E+00	1.12E+01	4.62E-02	1.01E+01	1.10E+01	4.11E+00	1.49E+01	1.68E+01	
	025	60	-45.4	8/10/2011	10:55	2.43E+03	5.10E+02	2.00E+02	1.14E+01	2.75E+00	1.42E+00	1.12E-01	7.77E+00	8.40E+00	-4.19E+00	9.00E+00	8.02E+00	-6.91E-01	1.81E+01	2.05E+01	
	026	60	-45.4	11/4/2011	11:47	4.24E+03	7.23E+02	4.64E+02	2.02E+01	3.60E+00	1.47E+00	-4.27E+00	8.88E+00	9.11E+00	-6.56E-01	9.45E+00	1.15E+01	7.03E-01	1.21E+01	1.36E+01	
MW-50-42	001	42	-27.1	3/22/2006	14:25	9.75E+03	5.78E+02	2.14E+02	1.93E+01	1.12E+00	4.76E-01	-1.36E+00	9.90E+00	1.13E+01	-5.74E-01	8.55E+00	1.02E+01	4.01E+00	1.34E+01	1.46E+01	MW-50-42
	003	42	-27.1	5/19/2006	13:55	4.58E+03	3.84E+03	6.30E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	42	-27.1	5/19/2006	13:55	4.59E+03	7.74E+02	3.53E+02	1.95E+01	1.25E+00	4.77E-01	4.84E+00	8.95E+00	1.18E+01	-4.07E-01	8.17E+00	1.02E+01	NA	NA	NA	
	004	42	-27.1	6/7/2006	9:00	1.79E+02	1.89E+02	1.56E+02	3.94E+00	7.62E-01	6.06E-01	1.15E-01	7.81E+00	8.62E+00	-1.70E+00	7.37E+00	7.69E+00	NA	NA	NA	
	005	42	-27.1	7/3/2006	11:35	3.98E+02	2.18E+02	2.02E+02	3.45E+00	2.00E+00	1.65E+00	6.90E+00	1.38E+01	1.65E+01	4.75E+00	1.04E+01	1.30E+01	NA	NA	NA	
	006	42	-27.1	8/1/2006	11:20	1.41E+03	6.42E+02	6.14E+02	NA	NA	NA	8.99E+00	1.01E+01	1.33E+01	6.21E+00	9.26E+00	1.24E+01	1.12E+01	1.53E+01	1.64E+01	
	007	42	-27.1	8/28/2006	11:50	3.11E+02	1.89E+02	1.76E+02	NA	NA	NA	1.97E+00	5.84E+00	6.74E+00	3.49E+00	6.36E+00	7.93E+00	NA	NA	NA	
	008	42	-27.1	11/15/2006	11:50	1.70E+03	1.11E+03	1.00E+03	1.13E+01	1.56E+00	8.30E-01	7.20E+00	4.20E+00	4.30E+00	-9.00E-01	3.00E+00	3.80E+00	-1.20E+00	6.00E+00	6.70E+00	
	009	42	-27.1	6/26/2007	14:30	2.15E+02	1.71E+02	1.86E+02	1.16E+01	1.35E+00	7.64E-01	1.91E+00	4.44E+00	5.12E+00	-1.64E+00	4.29E+00	3.94E+00	-6.30E+00	1.84E+01	2.19E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-50-42	010	42	-27.1	7/26/2007	11:20	1.45E+02	1.74E+02	1.93E+02	1.94E+01	1.81E+00	5.31E-01	-5.50E+00	4.71E+00	3.68E+00	2.53E+00	3.39E+00	4.32E+00	4.92E+00	1.91E+01	2.19E+01	MW-50-42
	011	42	-27.1	10/18/2007	14:08	1.01E+02	1.76E+02	1.97E+02	2.45E+01	2.52E+00	5.74E-01	3.02E-01	3.38E+00	3.87E+00	6.26E-01	3.75E+00	3.81E+00	-9.14E-01	1.62E+01	1.87E+01	
	013	42	-27.1	2/26/2008	12:19	6.13E+02	2.94E+02	2.87E+02	2.40E+00	8.61E-01	7.34E-01	-1.95E+00	4.80E+00	4.66E+00	1.77E+00	3.90E+00	4.68E+00	1.71E+01	2.40E+01	2.67E+01	
	014	42	-27.1	7/31/2008	15:43	3.73E+02	1.34E+02	1.91E+02	9.28E+00	8.66E-01	4.39E-01	-9.40E-01	1.99E+00	3.20E+00	9.53E-01	1.91E+00	3.44E+00	1.58E+01	1.76E+01	2.96E+01	
	015	42	-27.1	11/6/2008	10:44	1.29E+02	1.76E+02	1.92E+02	2.56E+00	9.87E-01	6.85E-01	1.65E+00	4.98E+00	5.77E+00	5.18E-01	5.36E+00	6.17E+00	0.00E+00	1.76E+01	2.03E+01	
	016	42	-27.1	1/22/2009	15:23	2.15E+02	1.38E+02	1.48E+02	1.96E+00	8.06E-01	6.31E-01	-1.74E+00	2.48E+00	2.37E+00	-5.18E-01	2.31E+00	2.39E+00	-3.34E+00	1.74E+01	2.03E+01	
	017	42	-27.1	5/5/2009	14:11	3.92E+02	1.95E+02	1.72E+02	2.38E+00	8.93E-01	6.96E-01	5.89E-01	9.20E+00	6.13E+00	-2.50E+00	5.75E+00	5.71E+00	-9.99E+00	2.07E+01	2.42E+01	
	018	42	-27.1	8/7/2009	13:13	1.06E+03	2.09E+02	1.79E+02	5.33E+00	1.25E+00	7.23E-01	-7.54E-02	3.66E+00	4.14E+00	3.08E-01	3.27E+00	3.73E+00	-1.25E+01	1.64E+01	1.94E+01	
	019	42	-27.1	10/26/2009	14:41	4.09E+02	1.83E+02	1.88E+02	6.73E+00	1.09E+00	4.53E-01	-3.87E+00	1.01E+01	1.12E+01	2.52E-01	6.62E+00	7.45E+00	-1.40E+01	1.86E+01	2.22E+01	
	020	42	-27.1	2/19/2010	12:52	3.73E+02	1.71E+02	1.74E+02	5.56E+00	1.42E+00	8.15E-01	2.91E+00	5.42E+00	6.46E+00	3.03E+00	6.13E+00	7.39E+00	-1.37E+01	1.88E+01	2.23E+01	
	021	42	-27.1	4/30/2010	12:34	1.36E+03	2.46E+02	1.68E+02	4.36E+00	1.33E+00	8.88E-01	8.49E-01	7.56E+00	8.38E+00	-1.97E+00	5.09E+00	5.04E+00	-1.48E+01	2.25E+01	2.61E+01	
	022	42	-27.1	8/4/2010	13:11	1.61E+02	1.25E+02	1.28E+02	8.43E+00	1.42E+00	5.63E-01	-1.94E+00	8.65E+00	9.25E+00	1.30E-01	8.05E+00	9.05E+00	0.00E+00	1.59E+01	1.88E+01	
	023	42	-27.1	11/12/2010	12:10	8.67E+02	1.83E+02	1.22E+02	3.73E+00	1.31E+00	9.89E-01	2.40E+00	5.71E+00	6.76E+00	2.73E+00	5.58E+00	6.94E+00	-7.36E+00	1.79E+01	2.15E+01	
	024	42	-27.1	2/25/2011	12:36	5.61E+02	3.88E+02	3.85E+02	5.42E+00	2.34E+00	1.91E+00	-1.29E-01	5.46E+00	5.88E+00	-9.07E-01	4.42E+00	4.42E+00	-7.19E+00	1.82E+01	2.18E+01	
	025	42	-27.1	5/3/2011	12:05	3.77E+03	5.58E+02	3.41E+02	9.53E+00	2.20E+00	1.04E+00	1.92E+00	9.44E+00	1.07E+01	5.79E-01	1.02E+01	1.16E+01	5.86E-01	1.69E+01	1.92E+01	
	026	42	-27.1	7/25/2011	12:18	1.03E+03	4.89E+02	4.43E+02	3.01E+00	2.09E+00	2.02E+00	-1.11E+00	7.86E+00	8.36E+00	6.63E-02	8.16E+00	9.04E+00	3.81E+00	1.71E+01	1.91E+01	
	027	42	-27.1	8/19/2011	12:10	9.52E+02	3.42E+02	2.00E+02	9.47E+00	2.60E+00	1.31E+00	2.17E+00	8.01E+00	9.07E+00	4.72E+00	9.81E+00	1.22E+01	-7.08E+00	1.81E+01	2.10E+01	
	028	42	-27.1	10/27/2011	10:48	9.99E+02	5.25E+02	4.92E+02	3.02E+01	4.44E+00	1.54E+00	1.76E+00	7.11E+00	9.22E+00	-2.60E+00	8.01E+00	9.51E+00	-5.76E+00	1.21E+01	1.41E+01	
MW-50-66	001	60	-45.1	3/22/2006	14:50	6.81E+03	4.94E+02	2.13E+02	2.55E+01	1.21E+00	4.90E-01	-7.67E+00	1.60E+01	1.66E+01	-2.18E+00	1.68E+01	1.81E+01	5.33E+00	1.35E+01	1.47E+01	MW-50-66
	003	60	-45.1	5/19/2006	15:20	1.08E+04	5.90E+03	6.30E+02	NA	NA	NA	3.23E+00	1.06E+01	1.23E+01	7.78E-01	1.12E+01	1.25E+01	NA	NA	NA	
	003	60	-45.1	5/19/2006	15:20	9.61E+03	1.52E+03	4.94E+02	1.95E+01	1.22E+00	5.16E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	60	-45.1	6/7/2006	9:20	1.05E+04	1.65E+03	4.29E+02	1.98E+01	1.18E+00	4.66E-01	-1.97E+00	8.71E+00	9.38E+00	2.49E+00	8.98E+00	1.04E+01	NA	NA	NA	
	005	60	-45.1	7/3/2006	11:00	8.62E+03	2.00E+03	1.52E+03	2.53E+01	3.79E+00	1.67E+00	-2.04E+00	9.54E+00	1.02E+01	4.40E-01	8.34E+00	9.23E+00	NA	NA	NA	
	006	60	-45.1	8/1/2006	9:28	7.93E+03	9.36E+02	6.16E+02	NA	NA	NA	5.59E-01	5.98E+00	6.68E+00	-4.31E+00	6.18E+00	5.00E+00	1.06E+01	1.06E+01	1.13E+01	
	007	60	-45.1	8/28/2006	12:05	6.77E+03	1.59E+03	1.30E+03	NA	NA	NA	7.66E-02	4.67E+00	5.86E+00	1.34E+00	4.23E+00	5.88E+00	NA	NA	NA	
	008	60	-45.1	11/15/2006	10:37	5.05E+03	1.32E+03	1.00E+03	2.15E+01	2.34E+00	8.10E-01	2.00E-01	3.30E+00	3.70E+00	2.60E+00	3.30E+00	3.50E+00	1.50E+00	5.70E+00	6.30E+00	
	009	60	-45.1	6/26/2007	14:02	4.21E+03	2.85E+02	1.86E+02	2.93E+01	1.86E+00	5.25E-01	-2.19E+00	2.64E+00	2.49E+00	1.63E-01	2.36E+00	2.74E+00	-6.05E-01	1.50E+01	1.74E+01	
	010	60	-45.1	7/26/2007	11:25	4.50E+03	3.39E+02	2.04E+02	3.10E+01	2.50E+00	5.78E-01	-1.12E+00	4.54E+00	4.18E+00	1.08E-02	3.46E+00	3.94E+00	1.93E+01	1.86E+01	2.02E+01	
	011	60	-45.1	10/18/2007	14:38	3.85E+03	6.53E+02	3.62E+02	4.74E+01	3.72E+00	7.97E-01	-2.28E+00	4.61E+00	4.36E+00	1.65E+00	4.20E+00	4.96E+00	-3.71E+00	1.58E+01	1.83E+01	
	013	60	-45.1	2/26/2008	13:46	3.74E+03	7.98E+02	5.31E+02	3.58E+01	2.36E+00	7.40E-01	7.87E-01	2.69E+00	3.18E+00	2.54E-01	2.54E+00	2.96E+00	4.87E+00	1.86E+01	2.12E+01	
	015	60	-45.1	5/12/2008	15:40	2.80E+03	2.39E+02	1.44E+02	3.38E+01	1.85E+00	7.01E-01	7.08E-01	2.24E+00	3.87E+00	1.23E+00	2.13E+00	3.83E+00	7.86E+00	1.28E+01	2.17E+01	
	016	60	-45.1	7/31/2008	17:02	2.71E+03	2.48E+02	1.91E+02	3.30E+01	1.59E+00	4.02E-01	2.31E+00	1.82E+00	3.43E+00	6.64E-01	1.46E+00	2.68E+00	3.58E+00	1.40E+01	2.43E+01	
	017	60	-45.1	9/8/2008	16:21	2.08E+03	4.17E+02	5.04E+02	3.23E+01	1.66E+00	4.88E-01	-8.81E-01	2.69E+00	3.96E+00	NA	NA	NA	1.22E+01	1.23E+01	2.06E+01	
	018	60	-45.1	11/6/2008	12:38	2.73E+03	4.17E+02	1.98E+02	3.20E+01	3.00E+00	7.41E-01	-8.66E-01	5.97E+00	6.56E+00	-2.52E+00	8.96E+00	8.45E+00	-1.63E+00	2.07E+01	2.39E+01	
	019	60	-45.1	11/19/2008	16:29	2.43E+03	2.49E+02	1.73E+02	4.99E+01	3.75E+00	8.66E-01	2.50E+00	5.26E+00	2.61E+00	5.13E-01	2.70E+00	3.17E+00	-5.06E-01	1.98E+01	2.29E+01	
	020	60	-45.1	1/22/2009	16:01	2.30E+03	2.16E+02	1.48E+02	2.75E+01	2.28E+00	4.07E-01	-1.68E+00	4.20E+00	3.99E+00	-1.97E-01	3.32E+00	3.66E+00	-9.33E+00	1.88E+01	2.23E+01	
	021	60	-45.1	3/18/2009	15:16	3.13E+03	7.02E+02	3.88E+02	2.42E+01	2.58E+00	9.13E-01	1.95E-02	5.75E+00	3.83E+00	-9.37E-01	3.56E+00	3.65E+00	1.55E+00	1.70E+01	1.94E+01	
	022	60	-45.1	5/5/2009	16:33	3.45E+03	4.35E+02	1.74E+02	2.82E+01	2.33E+00	6.13E-01	-4.57E+00	8.96E+00	5.97E+00	-6.21E-03	5.87E+00	6.54E+00	-1.93E+00	1.85E+01	2.13E+01	
	023	60	-45.1	8/7/2009	16:12	3.00E+03	2.79E+02	1.79E+02	2.91E+01	2.54E+00	9.11E-01	2.03E-01	3.35E+00	3.82E+00	7.02E-01	3.51E+00	4.14E+00	-1.36E+01	1.83E+01	2.19E+01	
	024	60	-45.1	10/26/2009	14:49	2.86E+03	2.82E+02	1.89E+02	3.00E+01	2.34E+00	5.34E-01	4.11E-01	5.89E+00	6.75E+00	2.56E+00	6.03E+00	7.46E+00	-6.44E+00	1.86E+01	2.17E+01	
	025	60	-45.1	2/19/2010	15:51	2.84E+03	2.72E+02	1.74E+02	2.50E+01	3.04E+00	8.16E-01	-6.04E-01	4.68E+00	5.20E+00	-1.03E+00	5.01E+00	5.41E+00	-3.76E+00	1.91E+01	2.21E+01	
	026	60	-45.1	4/30/2010	14:25	2.76E+03	3.21E+02	1.68E+02	2.99E+01	3.01E+00	8.81E-01	-1.86E+00	5.84E+00	6.18E+00	3.85E-01	5.38E+00	6.13E+00	-1.14E+01	2.19E+01	2.52E+01	
	027	60	-45.1	8/4/2010	16:38	3.51E+03	3.33E+02	1.34E+02	2.65E+01	2.28E+00	4.80E-01	3.52E+00	8.29E+00	9.99E+00	9.22E-01	9.18E+00	1.06E+01	2.07E+00	1.56E+01	1.81E+01	
	028	60	-45.1	11/12/2010	12:30	3.72E+03	3.30E+02	1.20E+02	2.33E+01	2.71E+00	9.50E-01	-1.39E+00	6.21E+00	6.79E+00	-1.67E+00	6.95E+00	7.30E+00	3.25E-01	1.88E+01	2.18E+01	
	029	60	-45.1	2/25/2011	12:36	3.76E+03	6.18E+02	3.83E+02	2.61E+01	4.02E+00	2.13E+00	2.94E+00	7.20E+00	8.24E+00	6.79E-01	8.00E+00	9.10E+00	-2.80E+00	1.81E+01	2.12E+01	
	030	60	-45.1	5/3/2011	12:07	4.73E+03	6.12E+02	3.45E+02	2.63E+01	3.30E+00	1.08E+00	0.00E+00	1.77E+01	9.05E+00	-2.32E+00	9.06E+00	9.12E+00	8.43E+00	1.70E+01	1.88E+01	
	031	60	-45.1	7/25/2011	12:26	6.50E+03	8.73E+02	4.48E+02	2.61E+01	4.08E+00	1.35E+00	-4.59E-01	7.02E+00	7.74E+00	3.81E+00	8.55E+00	1.07E+01	1.02E+01	1.66E+01	1.81E+01	
	032	60	-45.1	8/19/2011	12:12	7.15E+03	8.49E+02	2.00E+02	2.57E+01	4.05E+00	1.65E+00	3.97E+00	8.46E+00	1.01E+01	1.73E+00	9.03E+00	1.05E+01	-8.92E+00	1.80E+01	2.11E+01	
	033	60	-45.1	10/27/2011	10:53	7.83E+03	9.87E+02	4.94E+02	2.66E+01	4.35E+00	1.59E+00	-6.49E-01	8.64E+00	1.02E+01	1.01E+01	1.01E+01	1.49E+01	-4.90E+00	1.66E+01	1.92E+01	
MW-51-40	001	39.7	28	5/30/2007	11:45	1.98E+02	1.65E+02	1.68E+02	-5.30E-01	6.73E-01	9.82E-01	1.04E-01	3.48E+00	3.77E+00	1.61E+00	3.23E+00	3.77E+00	NA	NA	NA	MW-51-40
	002	39.7	28	7/24/2007	15:30	2.23E+02	1.59E+02	1.60E+02	7.09E-02	4.71E-01	5.38E-01	1.65E-02	3.39E+00	3.85E+00	-1.32E+00	4.02E+00	4.13E+00	NA	NA	NA	
	004	39.7	28	11/9/2007	15:40	1.47E+02	1.55E+02	1.70E+02	-8.16E-02	3.87E-01	4.52E-01	1.68E+00	2.96E+00	3.52E+00	-5.71E-02	3.15E+00	3.49E+00	NA	NA	NA	
	005	39.7	28	1/8/2008	10:47	5.86E+01	1.56E+02	1.79E+02	1.57E-01	6.77E-01	8.32E-01	1.83E-02	2.66E+00	2.93E+00	7.71E-01	2.75E+00	2.87E+00	NA	NA	NA	
	007	39.7	28	5/30/2008	10:27	1.41E+02	1.01E+02	1.60E+02	3.71E-01	5.67E-01	9.67E-01	3.19E-01	2.03E+00	3.41E+00	2.18E+00	2.36E+00	3.50E+00	NA	NA	NA	
	008	39.7	28	8/8/2008	14:40	3.29E+02	1.60E+02	2.03E+02	3.74E-01	4.02E-01	6.70E-01	1.59E+00	2.19E+00	3.98E+00	-1.99E-01	1.79E+00	2.99E+00	-8.33E+00	1.02E+01	1.83E+01	
	009	39.7	28	10/27/2008	13:11	1.68E+02	1.85E+02	1.95E+02	1.84E-02	4.26E-01	5.67E-01	4.51E-01	4.28E+00	4.88E+00	-1.93E+00	6.35E+00	6.59E+00	-5.03E+00	2.11E+01	2.46E+01	
	010	39.7	28	1/20/2009	14:50	2.37E+01	1.68E+02	1.92E+02	1.92E-01	7.95E-01	9.70E-01	9.89E-01	2.81E+00	3.26E+00	1.05E+00	2.75E+00	3.30E+00	8.95E+00	1.67E+01	1.87E+01	
	011	39.7	28	5/7/2009	14:27	2.03E+02	1.76E+02	1.81E+02	1.02E-01	6.81E-01	8.27E-01	1.18E+00	7.08E+00	4.72E+00	-1.14E+00	5.00E+00	5.08E+00	-1.06E+00	1.83E+01	2.11E+01	
	012	39.7	28	8/12/2009	13:42	2.67E+02	1.70E+02	1.79E+02	6.39E-02	5.69E-01	6.89E-01	2.93E-01	3.35E+00	3.41E+00	1.00E+00	3.01E+00	3.56E+00	-5.55E+00	1.95E+01	2.27E+01	
	013	39.7	28	11/18/2009	14:26	1.55E+02	1.32E+02	1.41E+02	-2.16E-01	6.35E-01	8.09E-01	-1.42E+00	5.66E+00	6.00E+00	-1.14E+00	6.45E+00	6.92E+00	-5.68E+00	1.98E+01	2.30E+01	
	014	39.7	28	2/5/2010	14:31	7.54E+01	1.74E+02	1.98E+02	-5.43E-02	6.58E-01	8.64E-01	1.75E+00	4.09E+00	4.72E+00	-2.91E+00	5.31E+00	4.42E+00	NA	NA	NA	
	015	39.7	28	4/8/2010	13:58	9.55E+01	1.32E+02	1.44E+02	-1.04E-01	7.30E-01	8.98E-01	8.94E-01	8.25E+00	9.56E+00	-1.94E+00	9.18E+00	9.55E+00	NA	NA	NA	
	016	39.7	28	8/25/2010	16:29	1.70E+02	1.07E+02	1.03E+02	-4.31E-02	3.11E-01	4.19E-01	-2.48E+00	6.17E+00	6.53E+00	1.46E+00	5.21E+00	6.37E+00	NA	NA	NA	
	017	39.7	28	11/30/2010	12:54	1.48E+02	1.41E+02	1.44E+02	1.46E-01	6.05E-01	7.12E-01	1.54E+00	4.28E+00	4.95E+00	1.72E+00	4.17E+00	4.95E+00	NA	NA	NA	
	018	39.7	28	3/8/2011	10:18	1.02E+02	2.34E+02	2.67E+02	1.07E+00	1.51E+00	1.61E+00	-7.97E+00	1.21E+01	1.36E+01	2.42E+00	7.30E+00	8.76E+00	NA	NA	NA	
	019	39.7	28	4/29/2011	10:41	3.63E+02	4.14E+02	4.35E+02	2.26E-01	1.37E+00	1.59E+00	-3.40E+00	9.48E+00	9.62E+00	6.20E+00	1.11E+01	1.40E+01	NA	NA	NA	
	020	39.7	28	7/28/2011	11:43	3.78E+01	3.06E+02	3.52E+02	-2.51E-01	1.37E+00	1.85E+00	-2.58E+00	1.35E+01	1.68E+01	-3.37E+00	9.33E+00	9.05E+00	NA	NA	NA	
	021	39.7	28	12/12/2011	10:43	1.86E+02	3.06E+02	3.28E+02	-7.34E-01	1.58E+00	1.94E+00	-5.53E+00	8.49E+00	9.48E+00	4.82E+00	7.89E+00	1.18E+01	-3.48E+00	1.39E+01	1.58E+01	
MW-51-79	001	78.7	-11	5/30/2007	12:42	9.89E+01	1.55E+02	1.72E+02	-2.36E-01	6.98E-01	9.58E-01	2.20E+00	3.63E+00	3.90E+00	3.52E-01	3.31E+00	3.76E+00	NA	NA	NA	MW-51-79
	002	78.7	-11	7/24/2007	17:00	4.24E+01	1.43E+02	1.67E+02	8.02E-03	5.35E-01	6.15E-01	-6.37E-01	3.88E+00	4.21E+00	-2.83E-01	4.51E+00	4.93E+00	NA	NA	NA	
	004	78.7	-11	11/9/2007	16:18	5.00E+01	1.50E+02	1.71E+02	-4.97E-02	2.99E-01	3.52E-01	2.66E+00	2.97E+00	3.56E+00	-2.43E-01	4.02E+00	4.45E+00	NA	NA	NA	
	005	78.7	-11	1/8/2008	10:08	9.26E+01	1.59E+02	1.79E+02	-4.64E-01	7.01E-01	9.74E-01	-7.91E-01	2.22E+00	2.42E+00	2.58E-01	2.37E+00	2.70E+00	NA	NA	NA	
	007	78.7	-11	5/30/2008	10:55	6.70E+01	9.41E+01	1.61E+02	2.46E-02	4.94E-01	9.94E-01	-1.14E+00	3.43E+00	4.80E+00	-5.13E-01	2.70E+00	4.31E+00	NA	NA	NA	
	008	78.7	-11	8/8/2008	12:55	1.61E+02	1.31E+02	2.01E+02	2.03E-01	2.99E-01	5.18E-01	9.63E-01	2.17E+00	3.82E+00	5.64E-01	2.30E+00	3.98E+00	-1.07E+01	1.07E+01	1.93E+01	
	009	78.7	-11	10/27/2008	13:30	1.14E+01	1.62E+02	1.99E+02	3.14E-03	6.14E-01	7.85E-01	8.42E-01	5.07E+00	5.75E+00	2.41E+00	5.21E+00	6.37E+00	3.72E+00	1.77E+01	2.02E+01	
	010	78.7	-11	1/20/2009	15:21	1.01E+02	1.33E+02	1.48E+02	-1.71E-01	3.15E-01	5.02E-01	5.93E-01	5.57E+00	3.65E+00	-2.94E-01	3.21E+00	3.56E+00	1.58E+01	1.73E+01	1.90E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-51-79	011	78.7	-11	5/7/2009	15:10	6.19E+01	1.58E+02	1.81E+02	6.97E-01	7.58E-01	8.29E-01	5.17E-01	7.68E+00	5.12E+00	2.33E+00	5.79E+00	6.97E+00	-6.40E+00	1.73E+01	2.00E+01	MW-51-79
	012	78.7	-11	8/12/2009	11:11	1.99E+02	1.67E+02	1.80E+02	7.34E-02	4.50E-01	5.53E-01	-4.76E-01	4.82E+00	4.34E+00	-1.34E+00	4.29E+00	4.21E+00	-1.73E+01	1.83E+01	2.19E+01	
	013	78.7	-11	11/18/2009	14:31	1.15E+02	1.86E+02	2.08E+02	-4.50E-02	6.87E-01	8.44E-01	-8.05E-01	5.79E+00	6.45E+00	2.78E+00	6.58E+00	8.07E+00	2.96E-01	1.68E+01	1.94E+01	
	014	78.7	-11	2/5/2010	14:40	1.37E+02	1.80E+02	1.99E+02	-1.36E-01	6.10E-01	8.44E-01	3.61E-02	3.39E+00	3.74E+00	7.57E-01	3.57E+00	4.08E+00	NA	NA	NA	
	015	78.7	-11	4/8/2010	14:21	6.44E+01	1.33E+02	1.51E+02	4.88E-01	8.07E-01	9.02E-01	4.35E+00	8.89E+00	1.11E+01	4.52E+00	1.00E+01	1.28E+01	NA	NA	NA	
	016	78.7	-11	8/25/2010	16:47	1.10E+02	9.84E+01	1.01E+02	5.81E-01	8.23E-01	8.92E-01	5.29E+00	6.13E+00	7.76E+00	1.58E+00	6.71E+00	7.88E+00	NA	NA	NA	
	017	78.7	-11	11/30/2010	13:08	3.11E+01	1.21E+02	1.44E+02	-1.22E-01	4.32E-01	5.24E-01	-8.30E-01	4.13E+00	4.54E+00	9.98E-01	4.02E+00	4.66E+00	NA	NA	NA	
	018	78.7	-11	3/8/2011	10:34	1.36E+02	2.46E+02	2.70E+02	-2.03E-01	1.22E+00	1.53E+00	2.42E+00	5.42E+00	6.52E+00	-2.74E+00	7.36E+00	6.45E+00	NA	NA	NA	
	019	78.7	-11	4/29/2011	10:57	1.17E+02	3.82E+02	4.33E+02	1.03E+00	1.67E+00	1.82E+00	-4.93E-01	7.56E+00	8.23E+00	-8.38E-01	8.08E+00	8.53E+00	NA	NA	NA	
	020	78.7	-11	7/28/2011	11:55	-1.93E+01	3.09E+02	3.60E+02	1.36E-01	1.63E+00	1.96E+00	2.20E+00	8.28E+00	9.43E+00	-5.24E-01	9.27E+00	9.93E+00	NA	NA	NA	
	021	78.7	-11	12/12/2011	11:09	1.50E+02	2.95E+02	3.29E+02	-1.38E-01	1.52E+00	1.90E+00	-3.25E+00	7.98E+00	8.95E+00	-3.01E-01	7.62E+00	9.88E+00	-1.12E+00	1.13E+01	1.27E+01	
MW-51-104	001	103.7	-36	5/30/2007	11:05	5.71E+01	1.48E+02	1.71E+02	-6.74E-02	7.59E-01	9.90E-01	1.25E+00	3.27E+00	3.35E+00	7.70E-02	3.25E+00	3.62E+00	NA	NA	NA	MW-51-104
	002	103.7	-36	7/24/2007	17:06	9.07E+01	1.47E+02	1.64E+02	3.62E-01	4.86E-01	5.41E-01	-4.20E+00	4.62E+00	3.92E+00	1.42E+00	4.44E+00	5.33E+00	NA	NA	NA	
	004	103.7	-36	11/9/2007	14:35	5.17E+01	1.50E+02	1.70E+02	-2.40E-01	3.18E-01	3.86E-01	-1.26E+00	2.85E+00	2.92E+00	1.15E+00	2.61E+00	3.18E+00	NA	NA	NA	
	005	103.7	-36	1/8/2008	12:15	-4.84E+00	1.45E+02	1.78E+02	-6.19E-02	7.22E-01	9.34E-01	-9.37E-01	2.09E+00	2.26E+00	-3.84E-01	2.54E+00	2.50E+00	NA	NA	NA	
	006	103.7	-36	8/8/2008	10:50	2.82E+02	1.55E+02	2.08E+02	-2.66E-01	4.00E-01	7.92E-01	1.56E+00	2.03E+00	3.60E+00	-1.21E-01	2.07E+00	3.38E+00	-4.19E+00	1.34E+01	2.36E+01	
	007	103.7	-36	10/27/2008	10:07	1.21E+02	1.39E+02	1.49E+02	1.19E-01	4.97E-01	6.13E-01	5.61E+00	6.81E+00	8.52E+00	-5.72E+00	8.93E+00	8.26E+00	-1.01E+00	1.84E+01	2.12E+01	
	008	103.7	-36	1/20/2009	10:46	9.95E+01	1.33E+02	1.48E+02	9.07E-03	3.78E-01	5.04E-01	-1.33E+00	2.87E+00	3.03E+00	-1.01E+00	2.37E+00	2.42E+00	-2.06E+00	2.00E+01	2.33E+01	
	009	103.7	-36	5/7/2009	11:48	1.11E+02	1.61E+02	1.78E+02	-1.53E-01	6.36E-01	7.99E-01	-8.75E-01	5.79E+00	3.86E+00	4.67E-01	3.51E+00	4.01E+00	-1.35E+01	2.36E+01	2.71E+01	
	010	103.7	-36	8/12/2009	11:14	2.91E+02	1.71E+02	1.80E+02	1.27E-01	3.65E-01	4.36E-01	8.06E-01	6.58E+00	3.82E+00	1.09E-01	3.93E+00	4.36E+00	-2.40E+00	1.86E+01	2.16E+01	
	011	103.7	-36	11/18/2009	11:34	1.44E+02	1.33E+02	1.43E+02	5.67E-01	7.29E-01	7.97E-01	-9.34E+00	1.07E+01	1.08E+01	-7.19E-01	6.11E+00	6.60E+00	3.03E+00	1.62E+01	1.84E+01	
	012	103.7	-36	2/5/2010	11:44	-1.96E+01	1.70E+02	1.99E+02	3.73E-03	6.18E-01	8.24E-01	3.36E-03	7.17E+00	6.23E+00	1.95E+00	5.38E+00	6.49E+00	NA	NA	NA	
	013	103.7	-36	4/8/2010	10:42	1.10E+02	1.34E+02	1.45E+02	1.26E-01	7.62E-01	8.99E-01	-5.36E-01	8.43E+00	9.34E+00	2.15E+00	7.96E+00	9.79E+00	NA	NA	NA	
	014	103.7	-36	8/25/2010	13:18	1.33E+02	1.37E+02	1.44E+02	7.62E-01	8.15E-01	8.20E-01	8.90E-01	5.75E+00	6.63E+00	-2.70E-01	4.96E+00	5.47E+00	NA	NA	NA	
	015	103.7	-36	11/30/2010	9:55	8.54E+01	1.33E+02	1.47E+02	3.74E-01	7.18E-01	8.12E-01	-1.43E-01	3.99E+00	4.55E+00	2.19E-01	4.56E+00	5.05E+00	NA	NA	NA	
	016	103.7	-36	3/8/2011	12:10	5.76E+01	3.10E+02	3.55E+02	8.91E-01	1.47E+00	1.60E+00	2.54E+00	7.20E+00	8.14E+00	9.02E-01	5.50E+00	6.24E+00	NA	NA	NA	
	017	103.7	-36	4/29/2011	12:35	1.97E+02	3.90E+02	4.32E+02	1.41E+00	1.45E+00	1.48E+00	-1.90E+00	1.08E+01	1.25E+01	-6.79E-01	1.10E+01	1.20E+01	NA	NA	NA	
	018	103.7	-36	7/28/2011	9:51	1.64E+02	3.18E+02	3.51E+02	-8.86E-01	1.26E+00	1.94E+00	-1.15E-01	6.18E+00	6.84E+00	-3.12E+00	8.10E+00	7.98E+00	NA	NA	NA	
	019	103.7	-36	12/12/2011	12:12	1.48E+02	2.91E+02	3.24E+02	1.23E+00	1.76E+00	1.85E+00	-3.81E+00	9.12E+00	1.01E+01	9.25E+00	9.60E+00	1.43E+01	-3.91E+00	1.33E+01	1.51E+01	
MW-51-135	001	135.2	-67.5	5/30/2007	13:00	8.24E+01	1.50E+02	1.70E+02	-4.68E-01	5.53E-01	8.40E-01	-4.01E-01	3.62E+00	4.03E+00	2.56E+00	3.84E+00	4.48E+00	NA	NA	NA	MW-51-135
	002	135.2	-67.5	7/24/2007	12:40	9.51E+01	1.43E+02	1.59E+02	5.33E-02	5.04E-01	5.76E-01	-4.56E-01	4.07E+00	4.36E+00	3.42E-01	3.30E+00	3.84E+00	NA	NA	NA	
	004	135.2	-67.5	11/9/2007	11:55	9.83E+01	1.53E+02	1.72E+02	-2.42E-01	2.54E-01	3.18E-01	-7.27E-01	3.46E+00	3.70E+00	-3.14E-01	3.29E+00	3.66E+00	NA	NA	NA	
	005	135.2	-67.5	1/8/2008	13:20	4.91E+01	1.55E+02	1.80E+02	3.47E-02	7.04E-01	8.79E-01	6.30E-02	1.88E+00	2.09E+00	1.43E-02	1.71E+00	1.90E+00	NA	NA	NA	
	006	135.2	-67.5	8/8/2008	11:50	2.09E+02	1.39E+02	1.99E+02	5.09E-02	2.40E-01	4.57E-01	-1.03E+00	2.08E+00	3.29E+00	1.01E-02	2.01E+00	3.34E+00	-6.78E+00	1.14E+01	2.02E+01	
	007	135.2	-67.5	10/27/2008	10:05	7.68E+01	1.73E+02	1.99E+02	2.72E-04	5.05E-01	6.63E-01	-1.74E+00	5.26E+00	5.63E+00	3.92E+00	6.09E+00	7.69E+00	-2.05E-01	1.74E+01	2.01E+01	
	008	135.2	-67.5	1/20/2009	11:02	1.31E+02	1.35E+02	1.48E+02	-3.04E-01	3.41E-01	5.84E-01	-6.92E-01	3.89E+00	4.31E+00	9.34E-01	3.06E+00	3.66E+00	-1.08E+01	1.76E+01	2.10E+01	
	009	135.2	-67.5	5/7/2009	11:53	2.44E+01	1.43E+02	1.71E+02	8.54E-02	4.71E-01	5.79E-01	3.06E+00	7.04E+00	4.69E+00	-7.33E-01	3.77E+00	4.00E+00	-2.11E+01	2.24E+01	2.60E+01	
	010	135.2	-67.5	8/12/2009	11:22	9.84E+01	1.61E+02	1.79E+02	-1.62E-01	4.93E-01	6.57E-01	-1.17E+00	3.75E+00	3.74E+00	2.68E+00	3.30E+00	4.29E+00	-1.50E+01	1.81E+01	2.17E+01	
	011	135.2	-67.5	11/18/2009	11:35	1.30E+02	1.32E+02	1.43E+02	-5.62E-01	6.06E-01	8.17E-01	-1.52E-01	4.53E+00	5.17E+00	2.08E+00	5.09E+00	6.12E+00	1.08E+00	1.64E+01	1.88E+01	
	012	135.2	-67.5	2/5/2010	11:48	4.89E+00	1.71E+02	1.98E+02	7.14E-02	6.50E-01	8.21E-01	-1.07E-02	3.90E+00	4.35E+00	-4.54E-02	4.51E+00	5.10E+00	NA	NA	NA	
	013	135.2	-67.5	4/8/2010	11:06	5.86E+01	1.31E+02	1.50E+02	-2.09E-02	5.99E-01	7.85E-01	-7.04E-03	8.73E+00	9.88E+00	-4.95E-01	1.04E+01	1.19E+01	NA	NA	NA	
	014	135.2	-67.5	8/25/2010	13:21	1.36E+02	1.41E+02	1.47E+02	-2.33E-01	4.44E-01	6.70E-01	-6.64E-01	6.15E+00	6.80E+00	1.74E+00	6.62E+00	7.77E+00	NA	NA	NA	
	015	135.2	-67.5	11/30/2010	9:57	9.53E+01	1.33E+02	1.45E+02	4.21E-01	7.13E-01	7.98E-01	-5.11E-01	4.18E+00	4.61E+00	-2.98E-01	4.20E+00	4.58E+00	NA	NA	NA	
	016	135.2	-67.5	3/8/2011	12:44	8.29E+01	2.24E+02	2.62E+02	8.62E-01	1.31E+00	1.42E+00	8.60E-02	6.02E+00	6.77E+00	2.37E+00	5.96E+00	7.38E+00	NA	NA	NA	
	017	135.2	-67.5	4/29/2011	13:16	0.00E+00	3.66E+02	4.35E+02	1.14E+00	1.52E+00	1.63E+00	2.52E+00	1.01E+01	1.17E+01	-5.69E-01	9.00E+00	9.56E+00	NA	NA	NA	
	018	135.2	-67.5	7/28/2011	10:04	-5.63E+01	2.96E+02	3.49E+02	8.06E-01	1.71E+00	1.92E+00	4.41E+00	8.22E+00	9.83E+00	1.32E+00	9.36E+00	1.05E+01	NA	NA	NA	
	019	135.2	-67.5	12/12/2011	12:50	1.32E+02	2.93E+02	3.33E+02	2.67E-01	1.64E+00	1.94E+00	6.83E+00	9.42E+00	1.28E+01	-3.73E+00	8.40E+00	9.41E+00	-6.68E+00	1.18E+01	1.35E+01	
MW-51-163	001	162.7	-95	5/30/2007	14:40	1.18E+02	1.56E+02	1.69E+02	3.29E-01	1.16E+00	1.36E+00	-2.81E-01	3.09E+00	3.45E+00	1.77E-01	2.82E+00	3.20E+00	NA	NA	NA	MW-51-163
	002	162.7	-95	7/24/2007	14:05	4.98E+01	1.44E+02	1.66E+02	1.05E-01	4.58E-01	5.21E-01	-2.43E-01	3.44E+00	3.78E+00	8.64E-02	3.25E+00	3.63E+00	NA	NA	NA	
	004	162.7	-95	11/9/2007	13:32	7.30E+01	1.52E+02	1.71E+02	2.08E-01	2.82E-01	3.12E-01	1.41E-01	3.54E+00	3.51E+00	-1.11E+00	3.01E+00	3.11E+00	NA	NA	NA	
	005	162.7	-95	1/8/2008	13:57	-1.99E+01	1.47E+02	1.82E+02	4.40E-01	8.22E-01	9.29E-01	-1.74E+00	2.66E+00	2.46E+00	8.69E-02	2.15E+00	2.44E+00	NA	NA	NA	
	006	162.7	-95	8/8/2008	11:16	6.92E+01	8.27E+01	1.40E+02	-1.22E-01	2.63E-01	5.44E-01	-1.54E+00	2.25E+00	3.56E+00	3.78E-01	1.97E+00	3.39E+00	4.33E+00	1.26E+01	2.15E+01	
	007	162.7	-95	10/27/2008	10:20	5.58E+01	1.67E+02	1.95E+02	2.55E-01	5.76E-01	6.67E-01	-1.70E+00	6.18E+00	6.74E+00	5.42E-01	5.38E+00	6.25E+00	2.11E+00	1.88E+01	2.14E+01	
	008	162.7	-95	1/20/2009	11:44	4.60E+01	1.30E+02	1.48E+02	-1.98E-01	4.97E-01	6.98E-01	-9.70E-01	3.14E+00	3.27E+00	-7.70E-02	3.24E+00	3.54E+00	-1.01E+01	1.80E+01	2.14E+01	
	009	162.7	-95	5/7/2009	12:09	5.68E+01	1.56E+02	1.81E+02	-5.45E-02	4.61E-01	6.13E-01	-7.96E-01	5.09E+00	3.39E+00	1.08E+00	3.63E+00	3.83E+00	4.18E+00	1.89E+01	2.15E+01	
	010	162.7	-95	8/12/2009	11:28	1.41E+02	1.62E+02	1.79E+02	7.24E-02	5.76E-01	6.99E-01	7.50E-01	3.74E+00	4.26E+00	-2.23E+00	3.23E+00	3.06E+00	-3.79E+00	1.80E+01	2.08E+01	
	011	162.7	-95	11/18/2009	11:33	9.48E+01	1.29E+02	1.43E+02	6.98E-02	6.64E-01	7.96E-01	-2.63E+00	5.89E+00	6.04E+00	2.61E+00	5.33E+00	6.54E+00	-2.21E+00	1.66E+01	1.93E+01	
	012	162.7	-95	2/5/2010	11:46	6.10E+01	1.74E+02	1.98E+02	-1.82E-01	5.76E-01	8.21E-01	-8.29E-01	8.12E+00	7.94E+00	-1.95E+00	6.88E+00	6.07E+00	NA	NA	NA	
	013	162.7	-95	4/8/2010	11:31	5.35E+01	1.27E+02	1.46E+02	-7.65E-02	6.06E-01	8.13E-01	-2.95E+00	8.55E+00	8.74E+00	-1.50E+00	1.04E+01	1.10E+01	NA	NA	NA	
	014	162.7	-95	8/25/2010	13:51	8.26E+01	9.75E+01	1.05E+02	-1.08E-01	3.98E-01	5.31E-01	3.91E+00	6.72E+00	8.11E+00	8.67E-01	6.32E+00	7.26E+00	NA	NA	NA	
	015	162.7	-95	11/30/2010	10:02	9.01E+01	1.31E+02	1.44E+02	-3.11E-01	6.98E-01	9.94E-01	1.23E+00	8.07E+00	4.14E+00	3.30E-01	3.94E+00	4.43E+00	NA	NA	NA	
	016	162.7	-95	3/8/2011	13:01	0.00E+00	1.96E+02	2.63E+02	-5.97E-01	1.39E+00	1.98E+00	2.81E+00	6.54E+00	7.66E+00	5.35E-01	7.76E+00	8.69E+00	NA	NA	NA	
	017	162.7	-95	4/29/2011	13:19	4.68E+01	3.66E+02	4.30E+02	5.27E-01	1.45E+00	1.65E+00	2.26E+00	8.40E+00	9.72E+00	9.25E-01	7.72E+00	8.87E+00	NA	NA	NA	
	018	162.7	-95	7/28/2011	10:18	1.20E+02	3.18E+02	3.54E+02	-7.15E-01	1.26E+00	1.96E+00	6.34E-01	7.71E+00	8.41E+00	3.60E+00	9.69E+00	1.17E+01	NA	NA	NA	
	019	162.7	-95	12/12/2011	12:26	1.71E+02	3.03E+02	3.32E+02	1.58E+00	1.81E+00	1.94E+00	2.25E+00	8.94E+00	1.16E+01	-8.50E-01	8.52E+00	1.08E+01	-3.59E+00	1.22E+01	1.38E+01	
MW-51-189	001	189.2	-121.5	5/30/2007	14:00	1.87E+02	1.67E+02	1.71E+02	-2.88E-02	8.90E-01	1.11E+00	-3.62E-02	3.98E+00	3.82E+00	4.56E+00	3.57E+00	4.63E+00	NA	NA	NA	MW-51-189
	002	189.2	-121.5	7/24/2007	13:15	9.49E+01	1.46E+02	1.63E+02	3.93E-01	4.08E-01	4.48E-01	-8.87E-01	4.11E+00	3.58E+00	1.57E+00	4.02E+00	4.31E+00	NA	NA	NA	
	003	189.2	-121.5	10/2/2007	12:20	8.45E+00	1.70E+02	1.96E+02	-5.06E-02	2.16E-01	2.58E-01	1.38E+01	5.45E+00	2.92E+00	-4.14E-01	2.79E+00	3.04E+00	NA	NA	NA	
	004	189.2	-121.5	11/9/2007	13:05	-6.26E+00	1.48E+02	1.71E+02	1.93E-01	3.61E-01	4.08E-01	3.04E+00	3.27E+00	4.07E+00	-8.07E-02	3.65E+00	4.05E+00	NA	NA	NA	
	005	189.2	-121.5	1/8/2008	13:10	-4.82E+00	1.44E+02	1.77E+02	-3.17E-02	7.01E-01	8.92E-01	1.35E+00	2.13E+00	2.49E+00	1.42E+00	1.98E+00	2.41E+00	NA	NA	NA	
	006	189.2	-121.5	8/8/2008	11:17	1.10E+02	8.97E+01	1.43E+02	-1.43E-01	3.38E-01	6.60E-01	-2.27E+00	2.13E+00	3.12E+00	-1.79E+00	2.70E+00	3.57E+00	-5.89E+00	1.15E+01	2.04E+01	
	007	189.2	-121.5	10/27/2008	10:11	7.69E+01	1.74E+02	1.99E+02	5.61E-01	7.16E-01	7.51E-01	6.11E-01	6.38E+00	7.30E+00	3.04E+00	6.13E+00	7.60E+00	-6.95E+00	1.84E+01	2.17E+01	
	008	189.2	-121.5	1/20/2009	11:33	3.32E+01	1.30E+02	1.48E+02	-2.14E-01	3.45E-01	5.59E-01	-2.05E+00	3.48E+00	3.62E+00	1.91E+00	3.32E+00	4.20E+00	-8.33E+00	1.79E+01	2.11E+01	
	009	189.2	-121.5	5/7/2009	11:55	2.06E+01	1.52E+02	1.81E+02	1.44E-01	5.33E-01	6.41E-01	1.70E+00	9.39E+00	6.26E+00	-1.22E+00	5.79E+00	6.11E+00	-3.36E+00	1.86E+01	2.14E+01	
	010	189.2	-121.5	8/12/2009	11:11	2.75E+01	1.39E+02	1.60E+02	7.76E-01	8.83E-01	9.41E-01	9.35E-01	3.82E+00	4.47E+00	1.47E+00	3.84E+00	4.60E+00	-1.98E+00	2.14E+01	2.47E+01	
	011	189.2	-121.5	11/18/2009	11:31	8.88E+01	1.35E+02	1.51E+02	3.60E-01	5.90E-01	6.58E-01	2.96E+00	5.58E+00	6.76E+00	-2.88E-01	5.82E+00	6.43E+00	-9.17E+00	1.92E+01	2.26E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-51-189	012	189.2	-121.5	2/5/2010	11:35	3.42E+01	1.73E+02	1.98E+02	3.21E-01	6.03E-01	6.83E-01	1.25E+00	5.70E+00	6.64E+00	-2.35E+00	6.75E+00	6.51E+00	NA	NA	NA	MW-51-189
	013	189.2	-121.5	4/8/2010	11:16	5.35E+01	1.27E+02	1.46E+02	3.25E-01	7.35E-01	8.47E-01	-2.07E+00	8.19E+00	8.51E+00	3.45E-01	7.39E+00	8.29E+00	NA	NA	NA	
	014	189.2	-121.5	8/25/2010	13:13	5.86E+01	9.38E+01	1.04E+02	4.40E-02	5.97E-01	7.65E-01	2.87E+00	5.64E+00	6.69E+00	-8.01E-01	5.85E+00	6.25E+00	NA	NA	NA	
	015	189.2	-121.5	11/30/2010	9:56	6.91E+01	1.29E+02	1.46E+02	1.93E-01	7.99E-01	9.81E-01	-7.45E-01	4.51E+00	4.98E+00	-3.16E-01	4.61E+00	5.06E+00	NA	NA	NA	
	016	189.2	-121.5	3/8/2011	12:30	-1.50E+01	1.93E+02	2.68E+02	-3.06E-01	1.46E+00	1.97E+00	3.77E+01*	1.47E+01	6.28E+00	2.28E-01	5.28E+00	5.79E+00	NA	NA	NA	
	017	189.2	-121.5	4/29/2011	12:52	2.32E+02	3.96E+02	4.33E+02	1.28E+00	1.50E+00	1.57E+00	-8.07E-01	5.82E+00	6.25E+00	-5.07E+00	9.48E+00	8.89E+00	NA	NA	NA	
	018	189.2	-121.5	7/28/2011	10:42	-5.69E+00	3.03E+02	3.53E+02	3.69E-02	1.66E+00	1.95E+00	2.36E+00	1.07E+01	1.02E+01	2.52E+00	1.01E+01	1.17E+01	NA	NA	NA	
	019	189.2	-121.5	12/12/2011	12:23	-5.57E+01	2.30E+02	3.29E+02	-3.94E-01	1.43E+00	1.91E+00	-4.49E+00	8.10E+00	8.53E+00	1.93E+00	8.34E+00	1.13E+01	-9.34E+00	1.94E+01	2.22E+01	
MW-52-11	001	10	6.8	6/20/2007	12:35	1.47E+02	1.68E+02	1.84E+02	-3.58E-01	6.33E-01	8.33E-01	1.96E+00	2.54E+00	2.99E+00	6.12E-01	2.29E+00	2.65E+00	-4.56E+00	1.28E+01	1.54E+01	MW-52-11
	002	10	6.8	8/6/2007	16:18	7.71E+01	1.73E+02	1.94E+02	-5.43E-01	6.12E-01	9.38E-01	-2.16E+00	3.42E+00	3.23E+00	3.39E-02	2.79E+00	3.12E+00	NA	NA	NA	
	003	10	6.8	4/28/2008	13:23	1.13E+03	1.53E+02	1.96E+02	1.97E-01	4.73E-01	8.46E-01	5.19E-01	1.93E+00	3.36E+00	-2.15E+00	3.52E+00	4.08E+00	NA	NA	NA	
	004	10	6.8	4/30/2009	14:27	5.19E+02	4.61E+02	4.72E+02	4.52E-02	5.64E-01	7.17E-01	2.98E-01	7.52E+00	5.01E+00	1.41E+00	5.07E+00	6.04E+00	NA	NA	NA	
	005	10	6.8	5/5/2010	12:26	3.73E+02	1.74E+02	1.83E+02	1.89E-01	4.77E-01	5.62E-01	2.14E+00	5.99E+00	6.97E+00	-2.04E+00	5.91E+00	6.08E+00	NA	NA	NA	
	006	10	6.8	4/22/2011	12:10	3.04E+02	4.08E+02	4.35E+02	1.29E-01	1.35E+00	1.60E+00	2.27E+00	1.02E+01	1.17E+01	5.08E+00	9.92E+00	1.24E+01	NA	NA	NA	
	007	10	6.8	7/26/2011	12:32	3.39E+02	3.99E+02	4.21E+02	1.86E-01	1.49E+00	1.74E+00	1.71E+00	8.76E+00	9.71E+00	-2.27E+00	8.43E+00	8.63E+00	NA	NA	NA	
MW-52-18	001	17.5	-2.6	5/24/2007	10:44	1.62E+02	1.52E+02	1.65E+02	-2.20E-01	4.98E-01	7.30E-01	6.53E-01	3.19E+00	3.74E+00	3.13E+00	3.30E+00	4.22E+00	-1.09E+00	9.82E+00	1.14E+01	MW-52-18
	002	17.5	-2.6	8/6/2007	13:45	6.73E+01	1.74E+02	1.96E+02	-7.91E-02	6.92E-01	8.93E-01	-1.43E+00	3.54E+00	3.67E+00	1.11E-01	3.15E+00	3.54E+00	NA	NA	NA	
	004	17.5	-2.6	4/30/2009	16:15	2.29E+02	2.01E+02	2.17E+02	-6.52E-02	5.55E-01	7.37E-01	-1.47E-02	7.89E+00	5.26E+00	8.60E-01	4.49E+00	5.24E+00	NA	NA	NA	
	005	17.5	-2.6	5/5/2010	16:19	3.01E+02	1.71E+02	1.83E+02	8.08E-02	4.19E-01	5.26E-01	1.60E+00	5.61E+00	6.44E+00	9.40E-01	5.42E+00	6.22E+00	NA	NA	NA	
	006	17.5	-2.6	4/22/2011	12:16	7.01E+01	3.76E+02	4.35E+02	1.37E+00	1.39E+00	1.42E+00	8.81E+00	1.29E+01	9.01E+00	-1.49E+00	9.44E+00	9.90E+00	NA	NA	NA	
	007	17.5	-2.6	7/26/2011	14:39	2.52E+02	3.87E+02	4.22E+02	1.06E+00	1.62E+00	1.76E+00	3.80E+00	6.45E+00	8.08E+00	-3.24E+00	8.10E+00	7.84E+00	NA	NA	NA	
MW-52-48	001	48	-33.1	5/24/2007	11:35	7.02E+01	1.48E+02	1.67E+02	-3.61E-01	7.44E-01	1.01E+00	3.66E-01	2.94E+00	3.39E+00	-9.91E-01	3.03E+00	3.11E+00	-2.74E+00	8.16E+00	9.55E+00	MW-52-48
	002	48	-33.1	8/6/2007	14:00	1.15E+02	1.76E+02	1.96E+02	-5.59E-01	4.83E-01	7.33E-01	7.85E-01	3.24E+00	3.75E+00	4.31E-01	3.29E+00	3.75E+00	NA	NA	NA	
	004	48	-33.1	5/1/2009	11:35	1.43E+02	9.84E+01	1.00E+02	4.55E-02	6.02E-01	7.02E-01	1.19E+00	7.61E+00	5.07E+00	-2.32E+00	4.41E+00	4.29E+00	NA	NA	NA	
	005	48	-33.1	5/5/2010	16:43	1.60E+02	1.65E+02	1.82E+02	6.40E-01	6.58E-01	6.90E-01	-6.17E-01	6.04E+00	6.70E+00	-1.90E-01	5.13E+00	5.67E+00	NA	NA	NA	
	006	48	-33.1	4/22/2011	12:18	1.06E+02	3.82E+02	4.36E+02	1.69E-01	1.37E+00	1.62E+00	-4.59E+00	7.58E+00	7.31E+00	1.35E+00	7.80E+00	9.17E+00	NA	NA	NA	
	007	48	-33.1	7/26/2011	15:08	7.68E+01	3.66E+02	4.21E+02	2.58E-01	1.20E+00	1.46E+00	2.34E+00	9.60E+00	1.07E+01	-7.68E-01	8.73E+00	1.01E+01	NA	NA	NA	
MW-52-64	001	64	-49.1	5/24/2007	14:44	3.82E+00	1.70E+02	1.98E+02	-3.20E-01	7.68E-01	9.77E-01	-1.03E+00	3.25E+00	3.45E+00	8.00E-01	3.54E+00	4.11E+00	-2.85E+00	9.12E+00	1.07E+01	MW-52-64
	002	64	-49.1	8/6/2007	15:50	3.72E+01	1.71E+02	1.96E+02	-1.70E-02	7.22E-01	9.23E-01	5.10E-01	3.50E+00	3.68E+00	1.80E+00	6.08E+00	4.12E+00	NA	NA	NA	
	004	64	-49.1	5/1/2009	13:50	-1.02E+01	8.27E+01	1.00E+02	4.33E-01	7.01E-01	7.72E-01	1.82E+00	6.54E+00	4.36E+00	1.24E+00	4.25E+00	4.80E+00	NA	NA	NA	
	005	64	-49.1	5/5/2010	12:52	7.62E+01	1.61E+02	1.81E+02	-2.23E-01	7.02E-01	9.13E-01	-1.12E+00	5.21E+00	4.96E+00	1.49E+00	4.05E+00	4.98E+00	NA	NA	NA	
	006	64	-49.1	4/22/2011	15:23	-2.26E+01	3.58E+02	4.32E+02	5.12E-01	1.13E+00	1.27E+00	1.87E+00	6.72E+00	7.70E+00	-8.05E+00	8.28E+00	6.18E+00	NA	NA	NA	
	007	64	-49.1	7/27/2011	10:45	1.35E+02	3.81E+02	4.31E+02	-4.58E-01	8.67E-01	1.27E+00	2.48E+00	7.17E+00	8.34E+00	6.66E-01	8.13E+00	9.05E+00	NA	NA	NA	
MW-52-118	004	NA	NA	4/30/2009	12:03	1.15E+02	1.00E+02	1.06E+02	-3.34E-01	4.29E-01	6.89E-01	2.00E+00	8.58E+00	5.72E+00	1.27E+00	4.68E+00	5.65E+00	NA	NA	NA	MW-52-118
MW-52-122	001	122	-107.1	5/24/2007	14:55	6.78E+01	1.47E+02	1.66E+02	-4.24E-01	6.62E-01	9.64E-01	2.52E+00	3.59E+00	3.62E+00	-1.76E+00	3.38E+00	3.29E+00	-1.94E+00	9.68E+00	1.13E+01	MW-52-122
	002	122	-107.1	8/6/2007	12:05	4.42E+01	1.71E+02	1.96E+02	-4.19E-01	7.10E-01	9.60E-01	1.99E+00	4.09E+00	4.34E+00	2.10E-01	4.13E+00	4.70E+00	NA	NA	NA	
	003	122	-107.1	4/28/2008	15:23	8.87E+01	8.60E+01	1.44E+02	1.21E-01	2.92E-01	5.22E-01	-1.25E+00	2.05E+00	3.24E+00	2.72E+00	2.38E+00	4.52E+00	NA	NA	NA	
	005	122	-107.1	5/5/2010	14:57	6.46E+01	1.64E+02	1.84E+02	1.59E-01	4.66E-01	5.60E-01	3.04E-02	5.33E+00	6.01E+00	-3.25E+00	6.25E+00	6.14E+00	NA	NA	NA	
	007	122	-107.1	7/26/2011	13:36	-2.18E+01	3.48E+02	4.19E+02	1.05E-01	1.19E+00	1.47E+00	-5.49E+00	7.92E+00	7.50E+00	8.02E-01	6.84E+00	7.89E+00	NA	NA	NA	
MW-52-162	001	161.5	-146.6	5/24/2007	11:55	2.82E+02	1.95E+02	2.03E+02	-5.15E-01	4.87E-01	8.12E-01	-5.80E-01	3.59E+00	3.29E+00	1.59E+00	3.15E+00	3.88E+00	-7.54E-01	9.75E+00	1.13E+01	MW-52-162
	002	161.5	-146.6	8/6/2007	11:30	2.11E+02	1.80E+02	1.95E+02	1.53E-02	4.79E-01	6.03E-01	3.61E-02	3.44E+00	3.77E+00	-3.73E-02	3.12E+00	3.52E+00	NA	NA	NA	
	003	161.5	-146.6	4/28/2008	10:22	1.45E+02	8.73E+01	1.43E+02	1.03E+00	3.62E-01	4.43E-01	-9.14E-01	2.03E+00	3.31E+00	2.33E+00	2.13E+00	4.14E+00	NA	NA	NA	
	004	161.5	-146.6	4/30/2009	12:06	4.92E+02	4.58E+02	4.73E+02	-1.49E-01	5.60E-01	7.37E-01	-5.43E-01	8.54E+00	5.69E+00	-1.26E+00	5.06E+00	5.17E+00	NA	NA	NA	
	005	161.5	-146.6	5/5/2010	12:39	2.60E+02	1.70E+02	1.83E+02	-7.86E-02	4.15E-01	5.66E-01	-1.54E+00	5.52E+00	5.96E+00	3.03E+00	5.68E+00	7.13E+00	NA	NA	NA	
	006	161.5	-146.6	4/22/2011	10:18	1.85E+02	3.84E+02	4.29E+02	-7.50E-01	9.50E-01	1.42E+00	1.47E+00	8.40E+00	9.68E+00	1.95E-02	1.00E+01	1.10E+01	NA	NA	NA	
	007	161.5	-146.6	7/26/2011	11:33	5.16E+02	4.20E+02	4.22E+02	3.77E-03	1.21E+00	1.57E+00	4.29E-02	8.34E+00	9.09E+00	-2.32E+00	9.87E+00	1.00E+01	NA	NA	NA	
MW-52-181	001	181	-166.1	5/24/2007	12:06	2.48E+02	1.94E+02	2.04E+02	-3.19E-01	5.07E-01	7.58E-01	-5.99E-01	3.30E+00	3.52E+00	-2.81E-01	3.74E+00	4.19E+00	-2.23E-01	1.01E+01	1.17E+01	MW-52-181
	002	181	-166.1	8/6/2007	11:40	1.19E+02	1.77E+02	1.97E+02	5.84E-02	5.56E-01	6.77E-01	-1.21E+00	2.87E+00	2.97E+00	1.28E+00	2.96E+00	3.57E+00	NA	NA	NA	
	003	181	-166.1	4/29/2008	10:24	1.56E+02	8.77E+01	1.44E+02	1.62E-01	2.46E-01	4.28E-01	1.08E+00	2.25E+00	3.96E+00	4.11E-01	2.12E+00	3.63E+00	NA	NA	NA	
	004	181	-166.1	4/30/2009	12:07	1.47E+02	9.95E+01	1.01E+02	-4.95E-02	5.36E-01	7.43E-01	-2.57E+00	5.82E+00	3.88E+00	-1.51E+00	4.17E+00	4.27E+00	NA	NA	NA	
	005	181	-166.1	5/5/2010	12:47	2.18E+02	1.70E+02	1.84E+02	2.80E-01	4.29E-01	4.67E-01	-2.64E-01	5.64E+00	6.37E+00	-2.38E+00	6.40E+00	6.61E+00	NA	NA	NA	
	006	181	-166.1	4/22/2011	10:22	2.45E+02	3.96E+02	4.33E+02	1.18E+00	1.42E+00	1.48E+00	6.46E+01	2.68E+01	1.22E+01	-1.09E+00	1.22E+01	1.30E+01	NA	NA	NA	
	007	181	-166.1	7/26/2011	11:43	2.41E+02	3.87E+02	4.22E+02	3.57E-01	1.28E+00	1.54E+00	-1.99E+00	7.50E+00	7.52E+00	-1.27E+00	9.39E+00	9.97E+00	NA	NA	NA	
MW-53-82	001	75	-4.7	8/23/2006	12:50	1.18E+04	1.85E+03	5.02E+02	6.68E+00	3.10E+00	2.74E+00	-3.52E+00	7.20E+00	6.64E+00	1.30E+00	1.02E+01	1.16E+01	4.44E+00	9.39E+00	1.02E+01	MW-53-82
	001	75	-4.7	8/23/2006	12:50	1.32E+04	1.11E+03	6.12E+02	NA	NA	NA	9.35E-01	5.78E+00	6.37E+00	1.36E+00	5.70E+00	6.30E+00	NA	NA	NA	
	002	75	-4.7	11/9/2006	11:15	4.54E+02	1.38E+02	1.40E+02	8.00E-02	8.10E-01	9.00E-01	-1.20E+00	3.00E+00	3.60E+00	-1.30E+00	3.30E+00	4.00E+00	1.30E+00	4.20E+00	4.60E+00	
	003	75	-4.7	6/22/2007	15:30	8.68E+03	1.05E+03	4.31E+02	3.98E+00	1.45E+00	1.04E+00	3.81E+00	3.78E+00	4.53E+00	1.95E+00	3.62E+00	4.63E+00	4.53E+00	1.54E+01	1.77E+01	
	004	75	-4.7	8/9/2007	11:31	7.76E+02	2.06E+02	2.04E+02	-3.41E-02	6.87E-01	8.82E-01	6.29E-01	2.33E+00	2.76E+00	-1.05E+00	2.17E+00	2.17E+00	-2.21E+00	1.99E+01	2.36E+01	
	005	75	-4.7	10/24/2007	13:53	1.11E+03	4.71E+02	4.03E+02	2.35E-01	3.11E-01	3.43E-01	3.07E-01	2.71E+00	3.05E+00	-1.06E+00	2.44E+00	2.38E+00	-1.59E+00	2.09E+01	2.41E+01	
	006	75	-4.7	1/21/2008	12:52	9.42E+02	1.86E+02	1.71E+02	2.19E-01	4.28E-01	4.87E-01	0.00E+00	5.42E+00	3.23E+00	-1.36E+00	2.84E+00	2.84E+00	3.84E+00	1.85E+01	2.11E+01	
	008	75	-4.7	8/4/2008	12:25	1.21E+03	1.84E+02	1.91E+02	6.95E-01	3.04E-01	3.94E-01	2.79E+00	2.26E+00	4.16E+00	2.55E-02	2.14E+00	3.58E+00	1.15E+01	1.24E+01	2.09E+01	
	009	75	-4.7	10/30/2008	15:52	7.94E+02	2.37E+02	1.65E+02	-4.79E-02	2.99E-01	4.19E-01	3.66E+00	6.21E+00	7.56E+00	-1.78E+00	6.33E+00	6.63E+00	-4.83E+00	1.65E+01	1.92E+01	
	010	75	-4.7	1/26/2009	12:00	4.26E+03	3.06E+02	1.92E+02	2.30E+00	1.07E+00	9.76E-01	1.10E+00	3.96E+00	4.51E+00	-2.25E-01	3.59E+00	3.88E+00	8.04E+00	1.64E+01	1.84E+01	
	011	75	-4.7	4/14/2009	14:58	1.75E+03	3.14E+02	1.36E+02	-3.03E-01	7.29E-01	8.97E-01	7.76E+00	6.60E+00	4.40E+00	1.28E-01	4.34E+00	4.84E+00	-1.09E+00	1.85E+01	2.16E+01	
	012	75	-4.7	7/21/2009	16:26	9.82E+02	2.67E+02	2.04E+02	1.67E-01	8.37E-01	9.81E-01	3.71E+00	3.87E+00	4.87E+00	3.14E+00	4.38E+00	5.53E+00	-9.93E-01	1.81E+01	2.07E+01	
	013	75	-4.7	10/27/2009	12:01	6.64E+02	1.95E+02	1.87E+02	-1.89E-01	3.36E-01	4.96E-01	1.31E+00	2.90E+00	3.49E+00	2.42E+00	4.13E+00	4.89E+00	-9.46E+00	1.79E+01	2.10E+01	
	014	75	-4.7	2/16/2010	12:04	7.14E+03	3.41E+02	1.53E+02	2.23E+00	9.77E-01	7.74E-01	0.00E+00	5.43E+00	7.23E+00	-9.98E-01	4.75E+00	4.91E+00	-1.24E+01	1.76E+01	2.09E+01	
	015	75	-4.7	4/15/2010	15:14	4.71E+03	6.56E+02	3.96E+02	4.06E-01	7.37E-01	8.29E-01	4.40E+00	1.27E+01	1.51E+01	-4.95E+00	1.13E+01	1.13E+01	1.39E+00	1.89E+01	2.19E+01	
	016	75	-4.7	7/30/2010	12:32	2.25E+03	2.66E+02	1.27E+02	3.34E-01	3.83E-01	4.00E-01	-3.03E+00	8.36E+00	8.46E+00	-1.90E+00	8.00E+00	8.03E+00	-1.45E+01	1.77E+01	2.23E+01	
	017	75	-4.7	10/27/2010	12:07	2.59E+03	2.79E+02	1.10E+02	8.07E-01	7.90E-01	8.26E-01	-3.74E-02	5.82E+00	6.57E+00	1.14E-01	6.23E+00	7.00E+00	NA	NA	NA	
	018	75	-4.7	3/3/2011	11:53	5.95E+02	3.76E+02	3.73E+02	1.61E+00	1.82E+00	1.91E+00	3.61E+00	6.18E+00	7.60E+00	-1.88E+00	7.02E+00	7.25E+00	-7.63E+00	1.59E+01	1.85E+01	
	019	75	-4.7	4/18/2011	12:45	6.24E+02	4.56E+02	4.50E+02	4.40E-01	1.45E+00	1.67E+00	-4.57E+00	9.82E+00	9.80E+00	3.12E+00	8.78E+00	1.07E+01	-5.86E-01	1.48E+01	1.72E+01	
	021	75	-4.7	8/1/2011	11:11	7.16E+02	3.84E+02	3.71E+02	-5.52E-01	7.86E-01	1.06E+00	-2.46E+00	7.38E+00	7.34E+00	-3.40E-01	8.49E+00	9.05E+00	8.23E+00	1.80E+01	1.98E+01	
	022	75	-4.7	11/2/2011	11:26	2.27E+02	4.50E+02	5.00E+02	-2.42E-01	1.09E+00	1.49E+00	-1.19E+00	6.78E+00	7.87E+00	-6.95E-01	8.73E+00	1.07E+01	-4.95E-01	1.24E+01	1.41E+01	
MW-53-120	001	109.8	-39.5	8/30/2006	11:30	4.42E+03	1.25E+03	1.12E+03	NA	NA	NA	-6.13E+00	9.49E+00	9.40E+00	4.98E-01	8.96E+00	9.83E+00	NA	NA	NA	MW-53-120
	002	109.8	-39.5	11/9/2006	11:20	7.90E+03	1.47E+03	1.00E+03	2.47E+01	1.83E+00	7.90E-01	-4.60E-01	2.70E+00	3.10E+00	-3.50E-01	2.76E+00	3.30E+00	2.71E+01	1.32E+01	1.30E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-53-120	003	109.8	-39.5	6/22/2007	14:22	9.61E+03	1.10E+03	4.32E+02	3.57E+01	3.69E+00	1.04E+00	7.93E+00	5.09E+00	2.84E+00	9.47E-01	3.15E+00	3.72E+00	1.73E+01	1.38E+01	1.47E+01	MW-53-120
	004	109.8	-39.5	8/9/2007	12:45	8.05E+03	1.02E+03	4.59E+02	3.70E+01	3.18E+00	9.24E-01	1.37E+00	3.62E+00	4.27E+00	-1.59E-01	3.74E+00	4.17E+00	1.95E+01	2.14E+01	2.35E+01	
	005	109.8	-39.5	10/24/2007	13:38	7.40E+03	9.29E+02	4.02E+02	3.81E+01	2.27E+00	4.82E-01	-5.34E-01	3.51E+00	3.29E+00	-2.23E-01	3.35E+00	3.72E+00	7.06E+00	2.10E+01	2.38E+01	
	006	109.8	-39.5	1/21/2008	10:43	7.48E+03	3.48E+02	1.72E+02	3.12E+01	2.40E+00	6.46E-01	1.38E+00	3.02E+00	3.18E+00	1.14E-01	3.30E+00	3.71E+00	1.71E+01	1.85E+01	2.02E+01	
	008	109.8	-39.5	5/13/2008	10:10	5.91E+03	3.38E+02	1.43E+02	3.11E+01	1.73E+00	6.73E-01	-1.39E+00	1.98E+00	3.10E+00	1.33E+00	2.15E+00	3.99E+00	2.22E+01	1.28E+01	2.08E+01	
	009	109.8	-39.5	8/4/2008	10:15	5.80E+03	3.46E+02	1.91E+02	3.03E+01	1.52E+00	3.11E-01	-9.74E-01	1.93E+00	3.02E+00	-1.15E-01	2.33E+00	3.20E+00	2.65E+01	1.30E+01	2.11E+01	
	010	109.8	-39.5	9/5/2008	10:55	5.76E+03	5.90E+02	5.07E+02	3.10E+01	1.59E+00	4.10E-01	-3.34E-01	2.41E+00	3.94E+00	NA	NA	NA	1.94E+01	1.19E+01	3.88E-01	
	011	109.8	-39.5	10/30/2008	13:00	5.57E+03	5.39E+02	1.66E+02	2.53E+01	2.04E+00	3.80E-01	2.73E+00	4.75E+00	5.74E+00	0.00E+00	9.13E+00	9.26E+00	5.82E+00	1.69E+01	1.93E+01	
	012	109.8	-39.5	11/17/2008	10:31	5.04E+03	3.23E+02	1.72E+02	4.25E+01	3.63E+00	6.74E-01	3.25E-01	4.72E+00	5.28E+00	-1.96E-02	4.09E+00	4.49E+00	2.12E+01	2.03E+01	2.21E+01	
	013	109.8	-39.5	1/26/2009	12:43	5.06E+03	3.26E+02	1.92E+02	2.64E+01	2.37E+00	7.50E-01	-3.60E-01	4.53E+00	5.10E+00	2.32E+00	4.34E+00	5.39E+00	1.27E+01	2.22E+01	2.49E+01	
	014	109.8	-39.5	3/16/2009	9:40	5.07E+03	8.51E+02	3.81E+02	2.37E+01	2.07E+00	7.32E-01	-9.24E-02	2.48E+00	1.65E+00	-7.85E-01	1.86E+00	1.58E+00	1.34E+01	1.73E+01	1.91E+01	
	015	109.8	-39.5	4/14/2009	13:08	5.65E+03	5.40E+02	1.36E+02	2.96E+01	2.19E+00	5.66E-01	-2.26E+00	6.15E+00	4.10E+00	-6.33E-01	3.86E+00	4.10E+00	8.66E+00	1.83E+01	2.07E+01	
	016	109.8	-39.5	7/21/2009	13:18	5.40E+03	5.18E+02	2.07E+02	4.00E-01	5.46E-01	5.93E-01	-1.68E+00	3.42E+00	3.59E+00	3.12E+00	3.86E+00	5.03E+00	4.59E+00	1.66E+01	1.88E+01	
	017	109.8	-39.5	10/27/2009	11:57	5.05E+03	3.47E+02	1.88E+02	3.10E+01	2.44E+00	7.18E-01	-1.77E-01	5.80E+00	6.55E+00	-2.13E+00	6.67E+00	7.01E+00	6.81E+00	1.86E+01	2.10E+01	
	018	109.8	-39.5	2/16/2010	11:51	4.66E+03	2.87E+02	1.53E+02	3.94E+01	3.39E+00	7.41E-01	-4.00E-01	5.82E+00	6.54E+00	-3.20E-01	6.23E+00	6.98E+00	6.73E+00	1.91E+01	2.16E+01	
	019	109.8	-39.5	4/15/2010	14:36	4.10E+03	6.14E+02	3.86E+02	3.32E+01	2.69E+00	9.06E-01	-6.92E+00	8.73E+00	8.19E+00	2.24E-01	8.74E+00	9.97E+00	7.53E+00	1.96E+01	2.22E+01	
	020	109.8	-39.5	7/30/2010	14:36	3.81E+03	3.38E+02	1.28E+02	2.97E+01	2.22E+00	4.77E-01	2.09E+00	1.27E+01	1.37E+01	-4.76E-01	8.04E+00	8.95E+00	3.59E+00	1.91E+01	2.21E+01	
	021	109.8	-39.5	10/27/2010	12:48	3.91E+03	3.38E+02	1.11E+02	2.96E+01	2.91E+00	7.02E-01	2.32E+00	5.07E+00	6.00E+00	-9.52E-01	5.46E+00	5.76E+00	NA	NA	NA	
	022	109.8	-39.5	3/3/2011	12:00	3.84E+03	7.18E+02	3.89E+02	2.95E+01	3.76E+00	1.13E+00	2.30E+00	7.32E+00	8.49E+00	-2.43E+00	8.14E+00	8.13E+00	1.00E+01	1.70E+01	1.87E+01	
	023	109.8	-39.5	4/18/2011	11:52	4.11E+03	7.72E+02	4.75E+02	3.55E+01	4.56E+00	1.67E+00	1.38E+00	8.82E+00	9.99E+00	4.87E-01	9.24E+00	1.02E+01	1.76E+01	1.77E+01	1.87E+01	
	025	109.8	-39.5	8/1/2011	10:00	4.44E+03	6.15E+02	3.71E+02	3.30E+01	5.22E+00	1.94E+00	-2.07E+00	8.49E+00	8.67E+00	-5.10E-01	9.36E+00	1.01E+01	1.45E+01	1.02E+01	1.07E+01	
	026	109.8	-39.5	11/2/2011	11:56	8.02E+03	9.27E+02	4.67E+02	4.05E+01	5.16E+00	1.52E+00	4.60E+00	8.52E+00	1.15E+01	-1.89E-01	7.89E+00	1.03E+01	2.58E+00	1.93E+01	2.17E+01	
MW-54-37	001	36.5	-23.4	5/3/2007	16:19	8.01E+02	3.14E+02	3.02E+02	1.25E+01	2.12E+00	7.94E-01	2.44E+00	3.63E+00	4.42E+00	-1.43E+00	2.71E+00	2.51E+00	6.09E+00	1.98E+01	2.27E+01	MW-54-37
	002	36.5	-23.4	7/31/2007	10:30	8.88E+02	4.14E+02	2.68E+02	5.30E+00	1.11E+00	6.26E-01	1.46E+00	2.54E+00	3.03E+00	-2.64E-02	2.82E+00	3.13E+00	-4.74E+00	1.83E+01	2.14E+01	
	003	36.5	-23.4	10/19/2007	13:25	1.04E+03	4.26E+02	3.66E+02	6.19E+00	1.37E+00	6.14E-01	6.04E-01	3.30E+00	3.84E+00	6.61E-01	3.54E+00	4.19E+00	1.04E+01	1.59E+01	1.77E+01	
	004	36.5	-23.4	1/15/2008	13:18	1.07E+03	4.97E+02	4.18E+02	5.79E+00	1.47E+00	7.26E-01	7.48E-02	2.81E+00	3.11E+00	1.03E+00	2.79E+00	3.00E+00	-1.88E-01	2.06E+01	2.43E+01	
	005	36.5	-23.4	5/2/2008	13:59	8.70E+02	1.47E+02	1.43E+02	5.08E+00	7.44E-01	5.59E-01	-9.28E-01	2.12E+00	3.29E+00	-8.38E-01	2.56E+00	4.06E+00	3.37E+00	1.24E+01	2.12E+01	
	006	36.5	-23.4	7/22/2008	17:00	9.50E+02	1.08E+02	1.31E+02	6.20E+00	7.50E-01	4.63E-01	1.34E+00	2.22E+00	3.94E+00	-4.43E-01	2.09E+00	3.34E+00	1.42E+00	1.68E+01	2.95E+01	
	007	36.5	-23.4	11/11/2008	13:16	1.25E+03	2.07E+02	1.73E+02	7.33E+00	1.45E+00	5.76E-01	-2.50E+00	6.27E+00	6.87E+00	2.81E+00	5.14E+00	6.50E+00	2.49E+00	1.92E+01	2.21E+01	
	008	36.5	-23.4	2/3/2009	15:34	1.16E+03	1.86E+02	1.64E+02	5.93E+00	1.16E+00	6.66E-01	1.70E+00	3.33E+00	3.92E+00	-1.15E+00	3.24E+00	3.14E+00	-3.14E+00	2.16E+01	2.50E+01	
	009	36.5	-23.4	5/6/2009	11:51	1.24E+03	2.78E+02	1.81E+02	6.35E+00	1.20E+00	4.75E-01	-1.81E-02	4.22E+00	2.81E+00	-1.16E+00	2.75E+00	2.61E+00	4.33E+00	1.91E+01	2.16E+01	
	010	36.5	-23.4	8/4/2009	14:35	1.42E+03	3.26E+02	2.37E+02	5.53E+00	1.18E+00	6.88E-01	-3.76E-01	3.94E+00	4.29E+00	8.01E-01	4.42E+00	4.53E+00	5.80E+00	2.11E+01	2.41E+01	
	011	36.5	-23.4	11/13/2009	14:35	1.60E+03	2.99E+02	2.00E+02	5.77E+00	1.09E+00	4.66E-01	-6.22E-01	5.64E+00	6.28E+00	-2.24E+00	6.15E+00	6.31E+00	1.36E+01	1.80E+01	1.99E+01	
	012	36.5	-23.4	2/11/2010	11:16	1.31E+03	1.89E+02	1.53E+02	5.17E+00	1.43E+00	7.17E-01	-8.12E-01	5.16E+00	5.56E+00	-1.85E+00	5.78E+00	5.93E+00	-5.60E-01	1.86E+01	2.15E+01	
	013	36.5	-23.4	5/3/2010	14:09	1.18E+03	2.25E+02	1.38E+02	4.71E+00	1.26E+00	6.67E-01	-3.67E+00	8.43E+00	8.56E+00	1.69E+00	9.49E+00	1.14E+01	3.61E+00	2.07E+01	2.36E+01	
	014	36.5	-23.4	8/4/2010	14:32	1.21E+03	2.10E+02	1.30E+02	4.00E+00	8.07E-01	3.32E-01	-4.96E-01	7.38E+00	8.14E+00	-3.97E+00	9.63E+00	9.58E+00	-3.50E+00	1.50E+01	1.80E+01	
	015	36.5	-23.4	11/23/2010	14:47	1.45E+03	2.27E+02	1.26E+02	4.51E+00	1.42E+00	9.84E-01	-2.09E+00	5.46E+00	5.80E+00	-6.89E-01	6.35E+00	6.93E+00	-2.56E+00	1.81E+01	2.15E+01	
	016	36.5	-23.4	2/1/2011	14:10	1.33E+03	4.86E+02	3.78E+02	4.88E+00	1.77E+00	1.26E+00	-1.42E+00	5.54E+00	5.67E+00	3.12E-01	6.42E+00	7.04E+00	-2.81E+00	1.59E+01	1.82E+01	
	017	36.5	-23.4	4/12/2011	12:02	5.16E+03	8.40E+02	4.76E+02	4.91E+00	2.08E+00	1.69E+00	2.95E+00	8.26E+00	9.69E+00	2.50E+00	8.26E+00	9.96E+00	3.16E+00	1.45E+01	1.65E+01	
	018	36.5	-23.4	7/18/2011	13:45	2.79E+04	1.67E+03	4.43E+02	4.34E+00	2.19E+00	1.85E+00	-1.17E+00	6.36E+00	6.58E+00	4.07E+00	9.21E+00	1.09E+01	1.56E+01	1.91E+01	2.07E+01	
	019	36.5	-23.4	8/15/2011	9:25	3.13E+04	1.75E+03	1.98E+02	2.75E-01	1.60E+00	1.88E+00	5.03E-01	6.69E+00	7.58E+00	3.36E+00	7.56E+00	9.28E+00	-1.05E+01	1.66E+01	1.96E+01	
	020	36.5	-23.4	12/6/2011	10:37	1.40E+04	1.02E+03	3.73E+02	4.48E+00	2.07E+00	1.92E+00	-6.26E+00	9.72E+00	1.03E+01	4.84E-01	8.94E+00	1.14E+01	-5.68E+00	1.25E+01	1.43E+01	
MW-54-58	001	57.5	-44.4	5/3/2007	16:45	7.60E+02	3.11E+02	3.02E+02	2.22E+00	9.99E-01	7.02E-01	-3.77E-01	2.81E+00	3.07E+00	1.15E-01	2.71E+00	3.09E+00	7.50E+00	1.88E+01	2.12E+01	MW-54-58
	002	57.5	-44.4	7/31/2007	9:55	6.93E+02	3.72E+02	2.62E+02	1.76E+00	8.53E-01	7.52E-01	-1.32E+00	3.12E+00	3.23E+00	8.17E-03	3.01E+00	3.35E+00	1.97E-01	1.80E+01	2.08E+01	
	003	57.5	-44.4	10/19/2007	13:35	5.61E+02	2.00E+02	1.94E+02	4.38E-01	8.43E-01	9.56E-01	-2.08E-01	3.03E+00	3.40E+00	3.56E-01	2.96E+00	3.39E+00	2.09E+00	1.59E+01	1.81E+01	
	004	57.5	-44.4	1/15/2008	13:45	6.47E+02	4.40E+02	4.18E+02	2.32E+00	1.09E+00	8.13E-01	2.16E+00	4.59E+00	3.18E+00	-7.34E-01	3.06E+00	3.27E+00	4.41E+00	2.34E+01	2.71E+01	
	005	57.5	-44.4	5/2/2008	14:15	7.33E+02	1.39E+02	1.43E+02	1.69E+00	4.97E-01	5.77E-01	8.65E-01	2.13E+00	3.75E+00	1.63E+00	2.46E+00	4.54E+00	9.78E-01	1.27E+01	2.20E+01	
	006	57.5	-44.4	7/22/2008	17:05	5.78E+02	9.64E+01	1.31E+02	1.71E+00	5.24E-01	6.47E-01	3.78E-01	2.07E+00	3.59E+00	-1.41E-01	2.67E+00	4.23E+00	1.37E+01	1.69E+01	2.85E+01	
	007	57.5	-44.4	11/11/2008	13:02	6.98E+02	1.85E+02	1.74E+02	9.02E+00	1.65E+00	5.87E-01	-7.43E-01	3.71E+00	3.89E+00	-1.72E+00	3.50E+00	3.31E+00	3.01E+00	1.91E+01	2.18E+01	
	008	57.5	-44.4	2/3/2009	14:53	6.82E+02	1.71E+02	1.66E+02	1.98E+00	8.52E-01	7.24E-01	9.58E-01	2.78E+00	3.29E+00	4.22E-01	2.94E+00	3.39E+00	-3.05E+00	1.95E+01	2.27E+01	
	009	57.5	-44.4	5/6/2009	12:13	6.58E+02	2.24E+02	1.78E+02	2.00E+00	8.60E-01	6.94E-01	2.19E+00	6.09E+00	4.06E+00	-2.90E+00	3.63E+00	3.32E+00	-1.92E+01	2.15E+01	2.50E+01	
	010	57.5	-44.4	8/4/2009	14:30	7.81E+02	2.73E+02	2.34E+02	1.41E+00	8.04E-01	7.44E-01	-1.71E+00	3.25E+00	3.37E+00	-9.96E-01	3.62E+00	3.83E+00	8.34E-01	2.26E+01	2.60E+01	
	011	57.5	-44.4	11/13/2009	14:54	8.38E+02	2.48E+02	2.03E+02	1.91E+00	7.62E-01	6.03E-01	3.24E+00	5.67E+00	6.89E+00	-1.36E+00	5.29E+00	5.52E+00	7.05E+00	1.83E+01	2.07E+01	
	012	57.5	-44.4	2/11/2010	11:48	9.04E+02	1.74E+02	1.53E+02	1.38E+00	8.76E-01	7.99E-01	3.86E-01	5.50E+00	6.29E+00	1.08E+00	7.15E+00	7.82E+00	-1.32E+01	1.88E+01	2.23E+01	
	013	57.5	-44.4	5/3/2010	14:23	1.11E+03	2.25E+02	1.42E+02	1.44E+00	8.33E-01	6.81E-01	6.00E-01	1.10E+01	1.30E+01	-4.85E-01	8.46E+00	9.38E+00	6.55E+00	1.99E+01	2.26E+01	
	014	57.5	-44.4	8/4/2010	14:35	7.67E+02	1.79E+02	1.28E+02	1.36E+00	6.88E-01	6.20E-01	-3.95E+00	9.51E+00	9.85E+00	8.15E-01	1.14E+01	1.32E+01	-5.38E-01	1.44E+01	1.70E+01	
	015	57.5	-44.4	11/23/2010	14:55	8.21E+02	1.80E+02	1.23E+02	2.67E+00	1.13E+00	9.76E-01	3.83E+00	6.50E+00	7.88E+00	2.75E+00	6.57E+00	8.00E+00	-3.94E+00	1.86E+01	2.21E+01	
	016	57.5	-44.4	2/1/2011	14:22	9.58E+02	4.56E+02	3.92E+02	1.68E+00	1.34E+00	1.28E+00	-4.20E-02	7.14E+00	7.94E+00	-2.21E+00	6.84E+00	6.82E+00	-4.89E+00	1.66E+01	1.92E+01	
	017	57.5	-44.4	4/12/2011	12:04	9.94E+02	5.20E+02	4.79E+02	1.15E+00	1.84E+00	2.01E+00	1.70E+00	8.58E+00	9.66E+00	1.14E+00	8.74E+00	9.95E+00	5.01E+00	1.58E+01	1.78E+01	
	018	57.5	-44.4	7/18/2011	13:33	2.48E+03	6.12E+02	4.44E+02	1.49E+00	1.21E+00	1.14E+00	-1.98E+00	8.85E+00	9.27E+00	2.35E-01	9.09E+00	1.01E+01	1.83E+01	1.97E+01	2.13E+01	
	019	57.5	-44.4	8/15/2011	9:47	4.23E+03	6.63E+02	2.02E+02	-1.92E-01	9.75E-01	1.31E+00	-1.08E+00	8.61E+00	8.19E+00	-8.43E-01	9.45E+00	1.01E+01	2.37E+00	1.84E+01	2.07E+01	
	020	57.5	-44.4	12/6/2011	10:23	4.83E+03	6.48E+02	3.70E+02	1.60E+00	1.80E+00	1.91E+00	9.45E-01	4.23E+00	5.14E+00	1.72E+00	4.56E+00	5.85E+00	2.66E+00	1.25E+01	1.40E+01	
MW-54-123	001	123	-109.9	5/3/2007	14:18	1.11E+03	3.75E+02	3.36E+02	2.19E+01	2.71E+00	8.06E-01	4.21E+00	3.50E+00	3.67E+00	-2.65E+00	7.07E+00	3.31E+00	7.45E+00	1.79E+01	2.03E+01	MW-54-123
	002	123	-109.9	7/31/2007	11:10	9.63E+02	4.29E+02	3.69E+02	1.35E+01	1.47E+00	8.87E-01	0.00E+00	4.68E+00	4.49E+00	2.96E+00	4.02E+00	5.06E+00	-3.63E+00	1.86E+01	2.17E+01	
	003	123	-109.9	10/19/2007	12:09	7.01E+02	3.87E+02	3.62E+02	1.16E+01	1.88E+00	8.13E-01	4.02E-02	3.51E+00	3.88E+00	-1.72E+00	3.65E+00	3.68E+00	-4.31E-01	2.19E+01	2.51E+01	
	004	123	-109.9	1/15/2008	10:52	5.33E+02	4.23E+02	4.18E+02	9.56E+00	1.92E+00	7.51E-01	8.25E-01	3.48E+00	3.94E+00	4.41E-01	3.00E+00	3.42E+00	6.86E+00	2.25E+01	2.58E+01	
	005	123	-109.9	5/2/2008	10:06	6.98E+02	1.34E+02	1.39E+02	6.45E+00	8.46E-01	5.98E-01	-1.28E+00	2.22E+00	3.42E+00	4.12E+00	2.63E+00	5.24E+00	-3.04E+00	1.19E+01	2.08E+01	
	006	123	-109.9	7/22/2008	15:30	6.12E+02	9.77E+01	1.32E+02	6.52E+00	8.15E-01	5.56E-01	-2.82E-01	2.22E+00	3.72E+00	-2.93E+00	2.52E+00	3.55E+00	4.33E+00	1.57E+01	2.73E+01	
	007	123	-109.9	11/11/2008	11:03	5.80E+02	1.77E+02	1.71E+02	1.26E+01	2.10E+00	7.26E-01	-6.72E-01	5.14E+00	5.51E+00	2.63E+00	4.29E+00	5.62E+00	-4.68E+00	1.83E+01	2.15E+01	
	008	123	-109.9	2/3/2009	11:55	5.31E+02	1.64E+02	1.64E+02	5.91E+00	1.15E+00	5.70E-01	9.03E-01	3.03E+00	3.59E+00	5.33E-02	3.09E+00	3.52E+00	9.09E-01	2.00E+01	2.30E+01	
	009	123	-109.9	5/6/2009	12:40	6.94E+02	2.28E+02	1.78E+02	3.94E+00	1.00E+00	5.36E-01	-1.73E+00	5.94E+00	3.96E+00	2.06E+00	3.18E+00	3.94E+00	2.67E-01	1.86E+01	2.13E+01	
	010	123	-109.9	8/4/2009	14:10	6.29E+02	2.63E+02	2.38E+02	4.53E+00	1.24E+00	7.76E-01	6.28E-01	3.50E+00	4.06E+00	2.36E-01	3.27E+00	3.76E+00	1.79E+00	2.11E+01	2.41E+01	
	011	123	-109.9	11/13/2009	14:59	7.49E+02	2.40E+02	2.04E+02	3.77E+00	1.13E+00	8.78E-01	1.12E-01	1.25E+01	7.48E+00	6.15E+00	9.53E+00	7.53E+00	-1.31E+01	2.18E+01	2.59E+01	
	012	123	-109.9	2/11/2010	11:32	8.57E+02	1.71E+02	1.53E+02	3.40E+00	1.13E+00	7.64E-01	1.87E+00	5.45E+00	6.32E+00	8.01E-01	5.33E+00	6.09E+00	-3.75E+00	1.77E+01	2.06E+01	
	013	123	-109.9	5/3/2010	15:08	9.16E+02	2.04E+02	1.37E+02	2.25E+00	1.12E+00	8.35E-01	-3.24E+00	8.00E+00	8.03E+00	5.74E-01	9.62E+00	1.09E+01	-6.51E+00	1.94E+01	2.25E+01	
	014	123	-109.9	8/4/2010	14:49	7.83E+02	1.80E+02	1.28E+02	2.98E+00	7.55E-01	4.15E-01	1.53E+00	9.99E+00	1.16E+01	-9.37E-01	8.21E+00	8.72E+00	-5.12E+00	1.64E+01	1.97E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-54-123	015	123	-109.9	11/23/2010	15:12	8.12E+02	1.80E+02	1.22E+02	7.65E+00	1.46E+00	9.15E-01	2.19E+00	6.74E+00	7.78E+00	-1.25E+00	6.18E+00	6.62E+00	9.26E+00	1.91E+01	2.15E+01	MW-54-123
	016	123	-109.9	2/1/2011	14:11	1.08E+03	4.68E+02	3.90E+02	2.56E+00	1.39E+00	1.08E+00	-3.56E-01	6.02E+00	6.69E+00	-3.66E-03	5.16E+00	5.75E+00	2.50E+00	1.66E+01	1.87E+01	
	017	123	-109.9	4/12/2011	12:22	8.24E+02	4.98E+02	4.77E+02	3.44E+00	1.96E+00	1.72E+00	-5.24E+00	8.14E+00	7.60E+00	1.86E+00	8.04E+00	9.55E+00	-3.35E+00	1.48E+01	1.75E+01	
	018	123	-109.9	7/18/2011	14:06	5.70E+02	4.44E+02	4.46E+02	7.16E-01	1.02E+00	1.07E+00	1.92E+00	9.66E+00	1.05E+01	3.87E-02	6.30E+00	6.97E+00	6.27E+00	1.84E+01	2.04E+01	
	019	123	-109.9	8/15/2011	9:55	1.21E+03	3.75E+02	2.00E+02	3.74E+00	2.03E+00	1.78E+00	5.50E-01	8.46E+00	9.31E+00	-5.09E-01	8.88E+00	9.49E+00	-3.43E+00	1.94E+01	2.22E+01	
	020	123	-109.9	12/6/2011	10:37	3.92E+03	6.00E+02	3.71E+02	1.55E+00	1.86E+00	1.95E+00	-1.21E+00	4.38E+00	4.89E+00	1.04E+00	5.01E+00	6.08E+00	5.81E+00	1.28E+01	1.41E+01	
MW-54-144	001	144	-130.9	5/3/2007	14:31	1.34E+03	5.64E+02	4.68E+02	1.61E+01	2.42E+00	6.97E-01	-1.34E+00	3.62E+00	3.78E+00	5.23E-01	3.36E+00	3.84E+00	4.64E+00	1.68E+01	1.93E+01	MW-54-144
	002	144	-130.9	7/31/2007	13:33	1.89E+03	5.67E+02	2.66E+02	1.92E+01	1.98E+00	6.71E-01	-1.19E+00	2.90E+00	3.03E+00	5.02E-02	3.33E+00	3.77E+00	-6.13E+00	1.89E+01	2.23E+01	
	003	144	-130.9	10/19/2007	12:12	1.54E+03	4.73E+02	3.62E+02	1.58E+01	2.15E+00	7.69E-01	8.53E-01	2.85E+00	3.35E+00	-4.41E-01	3.18E+00	3.39E+00	4.35E-01	1.54E+01	1.78E+01	
	004	144	-130.9	1/15/2008	11:22	1.40E+03	5.34E+02	4.16E+02	1.53E+01	2.34E+00	8.48E-01	3.67E+00	5.04E+00	4.39E+00	4.86E-02	3.96E+00	4.34E+00	9.81E+00	2.24E+01	2.54E+01	
	005	144	-130.9	5/2/2008	10:20	1.15E+03	1.64E+02	1.43E+02	1.59E+01	1.31E+00	7.05E-01	-9.63E-01	2.26E+00	3.61E+00	-1.06E+00	2.37E+00	3.65E+00	-2.00E+00	1.21E+01	2.11E+01	
	006	144	-130.9	7/22/2008	15:35	1.13E+03	1.13E+02	1.31E+02	1.69E+01	1.23E+00	5.01E-01	1.57E+00	1.91E+00	3.48E+00	-4.98E-01	2.43E+00	3.49E+00	1.11E+01	1.69E+01	2.87E+01	
	007	144	-130.9	11/11/2008	11:06	1.14E+03	2.03E+02	1.72E+02	2.02E+01	2.27E+00	4.69E-01	-6.18E-01	3.90E+00	4.30E+00	5.67E-01	5.17E+00	5.96E+00	4.08E+00	2.09E+01	2.39E+01	
	008	144	-130.9	2/3/2009	12:41	1.13E+03	2.03E+02	1.77E+02	1.44E+01	1.76E+00	6.51E-01	-5.38E-03	3.15E+00	3.46E+00	-2.00E-02	2.91E+00	3.20E+00	2.21E+00	2.37E+01	2.76E+01	
	009	144	-130.9	5/6/2009	10:23	1.45E+03	2.91E+02	1.78E+02	1.46E+01	1.89E+00	5.95E-01	-1.95E+00	4.97E+00	3.31E+00	9.27E-01	3.35E+00	3.90E+00	-5.83E+00	1.91E+01	2.21E+01	
	010	144	-130.9	8/4/2009	11:10	1.29E+03	3.18E+02	2.39E+02	1.43E+01	1.74E+00	7.92E-01	6.70E-01	2.91E+00	3.33E+00	-1.51E+00	3.72E+00	3.66E+00	1.41E+01	2.24E+01	2.50E+01	
	011	144	-130.9	11/13/2009	12:13	1.40E+03	2.88E+02	2.03E+02	1.51E+01	1.83E+00	7.72E-01	-1.68E+00	4.38E+00	4.54E+00	-1.71E+00	3.12E+00	2.42E+00	-5.64E+00	1.92E+01	2.24E+01	
	012	144	-130.9	2/10/2010	10:37	1.20E+03	1.85E+02	1.53E+02	1.44E+01	2.07E+00	7.00E-01	-5.02E-01	9.22E+00	1.01E+01	-1.77E+00	7.62E+00	7.26E+00	-1.11E+01	1.88E+01	2.23E+01	
	013	144	-130.9	5/3/2010	11:41	1.28E+03	2.40E+02	1.45E+02	1.37E+01	2.04E+00	6.93E-01	-3.08E+00	7.11E+00	7.03E+00	-4.60E+00	8.03E+00	6.97E+00	-6.93E+00	2.11E+01	2.46E+01	
	014	144	-130.9	8/4/2010	11:44	1.44E+03	2.28E+02	1.33E+02	1.17E+01	1.42E+00	4.70E-01	8.96E+00	1.13E+01	1.44E+01	1.72E+00	8.79E+00	1.06E+01	1.78E+00	1.89E+01	2.21E+01	
	015	144	-130.9	11/23/2010	12:30	1.34E+03	2.15E+02	1.21E+02	1.08E+01	1.36E+00	5.83E-01	1.02E+00	7.82E+00	8.59E+00	-3.87E+00	6.48E+00	5.93E+00	2.30E+00	1.91E+01	2.21E+01	
	016	144	-130.9	2/1/2011	12:34	1.35E+03	4.96E+02	3.87E+02	9.31E+00	2.24E+00	1.06E+00	-9.04E-01	6.14E+00	6.70E+00	-6.36E-01	6.20E+00	6.74E+00	-4.27E+00	1.58E+01	1.82E+01	
	017	144	-130.9	4/12/2011	9:50	1.48E+03	5.68E+02	4.79E+02	1.20E+01	2.92E+00	1.81E+00	6.43E+00	7.44E+00	9.59E+00	-4.68E+00	9.58E+00	8.86E+00	-2.75E+00	1.48E+01	1.74E+01	
	018	144	-130.9	7/18/2011	12:38	4.34E+03	7.41E+02	4.43E+02	1.13E+01	2.44E+00	1.26E+00	3.37E+00	7.47E+00	8.78E+00	-3.49E+00	8.91E+00	8.88E+00	1.53E+01	1.87E+01	2.03E+01	
	019	144	-130.9	8/15/2011	11:44	5.27E+03	7.23E+02	1.96E+02	1.10E+01	2.75E+00	1.62E+00	4.07E+00	9.39E+00	1.10E+01	4.25E-01	9.81E+00	1.08E+01	-5.13E+00	1.89E+01	2.18E+01	
	020	144	-130.9	12/6/2011	13:25	6.85E+03	7.44E+02	3.71E+02	9.05E+00	2.99E+00	1.96E+00	8.64E-01	5.58E+00	6.45E+00	3.97E-01	5.58E+00	6.68E+00	-2.77E+00	1.22E+01	1.38E+01	
MW-54-173	001	172.5	-159.4	5/3/2007	14:43	1.90E+03	6.27E+02	4.71E+02	2.09E+01	2.64E+00	8.31E-01	-4.52E-01	3.82E+00	4.16E+00	1.92E+00	3.46E+00	4.27E+00	5.00E+00	1.94E+01	2.21E+01	MW-54-173
	002	172.5	-159.4	7/31/2007	13:40	2.08E+03	5.94E+02	2.68E+02	1.45E+01	1.85E+00	8.29E-01	7.90E-01	2.63E+00	3.10E+00	7.75E-01	2.22E+00	2.74E+00	3.92E+00	1.81E+01	2.07E+01	
	003	172.5	-159.4	10/19/2007	12:14	1.91E+03	5.07E+02	3.63E+02	1.49E+01	2.07E+00	6.21E-01	1.05E+00	3.29E+00	3.79E+00	-3.08E-01	2.87E+00	3.18E+00	1.37E+00	1.49E+01	1.70E+01	
	004	172.5	-159.4	1/15/2008	11:15	1.84E+03	5.84E+02	4.16E+02	1.41E+01	1.80E+00	9.29E-01	-3.68E-01	2.81E+00	3.08E+00	5.21E-01	3.00E+00	3.49E+00	4.79E+00	2.30E+01	2.65E+01	
	005	172.5	-159.4	5/2/2008	10:35	2.11E+03	2.10E+02	1.42E+02	1.22E+01	1.18E+00	9.06E-01	-6.44E-01	2.22E+00	3.66E+00	1.71E+00	2.10E+00	4.01E+00	4.47E+00	1.23E+01	2.10E+01	
	006	172.5	-159.4	7/22/2008	15:51	2.05E+03	1.35E+02	1.30E+02	1.29E+01	1.08E+00	5.25E-01	-6.92E-02	2.07E+00	3.52E+00	-1.62E+00	2.11E+00	3.15E+00	7.86E+00	1.59E+01	2.72E+01	
	007	172.5	-159.4	11/11/2008	11:07	1.66E+03	2.24E+02	1.75E+02	1.61E+01	2.12E+00	7.21E-01	1.51E-01	4.23E+00	4.77E+00	-5.84E-01	3.93E+00	4.19E+00	3.04E+00	1.92E+01	2.20E+01	
	008	172.5	-159.4	2/3/2009	12:19	1.98E+03	5.45E+02	3.85E+02	1.02E+01	1.45E+00	5.93E-01	-1.52E+00	3.03E+00	3.08E+00	-2.37E+00	3.20E+00	2.94E+00	4.01E+00	2.37E+01	2.76E+01	
	009	172.5	-159.4	5/6/2009	10:24	1.57E+03	3.03E+02	1.80E+02	8.59E+00	1.46E+00	7.75E-01	3.40E-01	5.16E+00	3.44E+00	1.02E+00	2.63E+00	3.14E+00	-1.38E+00	1.92E+01	2.20E+01	
	010	172.5	-159.4	8/4/2009	11:15	1.87E+03	3.56E+02	2.34E+02	9.19E+00	1.51E+00	7.94E-01	1.49E+00	3.33E+00	3.92E+00	-6.51E-01	2.98E+00	3.14E+00	3.69E+00	2.19E+01	2.49E+01	
	011	172.5	-159.4	11/13/2009	12:04	1.83E+03	3.15E+02	2.03E+02	7.42E+00	1.29E+00	7.36E-01	7.30E-01	6.35E+00	7.30E+00	-1.25E+00	7.27E+00	6.86E+00	-1.70E+00	1.91E+01	2.20E+01	
	012	172.5	-159.4	2/10/2010	10:34	1.61E+03	2.00E+02	1.53E+02	7.51E+00	1.53E+00	7.44E-01	2.09E+00	5.21E+00	6.19E+00	1.33E+00	5.76E+00	6.72E+00	-9.09E+00	2.13E+01	2.50E+01	
	013	172.5	-159.4	5/3/2010	11:47	2.03E+03	2.84E+02	1.42E+02	6.28E+00	1.42E+00	5.94E-01	-3.87E-01	8.87E+00	9.74E+00	2.77E+00	7.82E+00	9.75E+00	-1.68E+00	2.03E+01	2.33E+01	
	014	172.5	-159.4	8/4/2010	12:09	1.53E+03	2.31E+02	1.30E+02	5.97E+00	1.02E+00	3.24E-01	-7.48E+00	8.07E+00	7.10E+00	4.86E-01	9.46E+00	1.08E+01	-1.31E+00	1.68E+01	1.99E+01	
	015	172.5	-159.4	11/23/2010	12:25	1.51E+03	2.28E+02	1.24E+02	4.65E+00	1.28E+00	8.17E-01	-1.84E+00	7.05E+00	7.31E+00	-1.82E+00	6.23E+00	6.51E+00	2.22E+00	1.84E+01	2.14E+01	
	016	172.5	-159.4	2/1/2011	12:29	1.66E+03	5.26E+02	3.81E+02	5.81E+00	1.88E+00	1.10E+00	-2.87E-01	8.00E+00	8.79E+00	1.01E+00	1.06E+01	1.20E+01	-5.49E+00	1.77E+01	2.05E+01	
	017	172.5	-159.4	4/12/2011	9:56	1.26E+03	5.46E+02	4.78E+02	3.91E+00	1.92E+00	1.58E+00	-1.29E+01	1.38E+01	1.53E+01	5.93E+00	9.66E+00	1.25E+01	-2.17E+00	1.50E+01	1.76E+01	
	018	172.5	-159.4	7/18/2011	12:20	1.48E+03	5.28E+02	4.40E+02	4.54E+00	1.64E+00	1.11E+00	2.97E-01	6.84E+00	7.45E+00	1.10E+00	6.51E+00	7.50E+00	-5.43E+00	1.56E+01	1.75E+01	
	019	172.5	-159.4	8/15/2011	11:50	1.50E+03	4.08E+02	1.97E+02	4.32E+00	1.94E+00	1.48E+00	-1.36E+00	1.01E+01	1.05E+01	-7.70E-01	1.21E+01	1.33E+01	-7.41E+00	2.05E+01	2.42E+01	
	020	172.5	-159.4	12/6/2011	13:26	2.32E+03	6.66E+02	3.26E+02	4.72E+00	2.32E+00	1.97E+00	-8.33E-01	4.83E+00	5.47E+00	9.05E-01	5.19E+00	6.34E+00	-2.75E+00	1.24E+01	1.41E+01	
MW-54-190	001	190	-176.9	5/3/2007	15:00	1.87E+03	6.23E+02	4.71E+02	1.95E+01	2.56E+00	7.00E-01	1.82E+00	3.23E+00	3.90E+00	3.32E-01	2.90E+00	3.30E+00	1.54E+00	1.88E+01	2.18E+01	MW-54-190
	002	190	-176.9	7/31/2007	13:45	2.25E+03	6.12E+02	2.66E+02	1.79E+01	2.15E+00	7.59E-01	-2.13E+00	3.35E+00	3.12E+00	9.32E-01	3.09E+00	3.67E+00	-3.07E+00	1.66E+01	1.94E+01	
	003	190	-176.9	10/19/2007	12:20	2.13E+03	5.24E+02	3.60E+02	2.04E+01	2.46E+00	7.97E-01	-1.04E+00	3.45E+00	3.07E+00	7.41E-01	4.05E+00	3.33E+00	-3.38E+00	1.71E+01	1.97E+01	
	004	190	-176.9	1/15/2008	11:37	2.24E+03	6.26E+02	4.16E+02	1.93E+01	2.54E+00	8.15E-01	6.45E-01	2.64E+00	3.11E+00	-3.88E-01	2.28E+00	2.50E+00	9.23E+00	2.42E+01	2.75E+01	
	005	190	-176.9	5/2/2008	10:30	1.84E+03	1.98E+02	1.43E+02	1.95E+01	1.40E+00	7.88E-01	8.19E-01	1.98E+00	3.46E+00	8.81E-01	1.95E+00	3.51E+00	6.07E+00	1.25E+01	2.13E+01	
	006	190	-176.9	7/22/2008	15:50	1.25E+03	1.15E+02	1.30E+02	2.13E+01	1.37E+00	5.60E-01	8.45E-01	1.98E+00	3.41E+00	-1.64E+00	2.06E+00	3.02E+00	-8.42E+00	1.61E+01	2.92E+01	
	007	190	-176.9	11/11/2008	11:09	1.44E+03	2.10E+02	1.69E+02	3.38E+01	3.12E+00	6.14E-01	-5.41E-01	5.00E+00	5.54E+00	-6.47E-01	3.54E+00	3.63E+00	4.86E-01	1.91E+01	2.20E+01	
	008	190	-176.9	2/3/2009	12:35	1.43E+03	4.88E+02	3.80E+02	1.90E+01	1.85E+00	3.85E-01	-1.18E+00	3.48E+00	3.74E+00	7.39E-01	3.08E+00	3.70E+00	-5.10E+00	2.37E+01	2.84E+01	
	009	190	-176.9	5/6/2009	10:27	1.60E+03	3.05E+02	1.80E+02	1.98E+01	2.07E+00	4.19E-01	2.31E+00	7.22E+00	4.81E+00	-8.94E-01	3.86E+00	4.04E+00	-2.80E+00	1.94E+01	2.23E+01	
	010	190	-176.9	8/4/2009	11:20	1.94E+03	3.62E+02	2.36E+02	1.98E+01	2.00E+00	6.71E-01	-7.49E-01	3.31E+00	3.53E+00	9.28E-01	3.99E+00	4.59E+00	-1.51E+00	2.14E+01	2.47E+01	
	011	190	-176.9	11/13/2009	12:17	2.01E+03	3.27E+02	2.03E+02	1.98E+01	1.94E+00	4.40E-01	1.55E+00	8.64E+00	5.62E+00	3.18E+00	5.42E+00	7.03E+00	1.33E+00	1.96E+01	2.26E+01	
	012	190	-176.9	2/10/2010	10:32	1.57E+03	1.98E+02	1.54E+02	2.35E+01	2.67E+00	6.73E-01	2.84E+00	4.98E+00	6.01E+00	1.64E-01	5.19E+00	5.77E+00	-9.59E+00	1.68E+01	1.99E+01	
	013	190	-176.9	5/3/2010	12:01	1.71E+03	2.67E+02	1.44E+02	2.22E+01	2.61E+00	6.32E-01	3.80E+00	1.05E+01	1.25E+01	-3.30E+00	1.11E+01	1.14E+01	-6.89E+00	2.24E+01	2.60E+01	
	014	190	-176.9	8/4/2010	12:34	1.60E+03	2.33E+02	1.28E+02	1.57E+01	1.51E+00	2.87E-01	-1.62E+00	8.25E+00	8.88E+00	-1.20E+00	8.80E+00	9.41E+00	-3.22E+00	1.84E+01	2.21E+01	
	015	190	-176.9	11/23/2010	12:22	1.93E+03	2.55E+02	1.27E+02	1.92E+01	1.89E+00	7.12E-01	-9.64E-01	6.04E+00	6.61E+00	-2.29E+00	6.71E+00	6.79E+00	-3.18E-01	1.81E+01	2.14E+01	
	016	190	-176.9	2/1/2011	12:25	1.89E+03	5.56E+02	3.90E+02	1.68E+01	3.36E+00	1.28E+00	4.59E-01	6.34E+00	7.14E+00	-3.55E+00	5.96E+00	5.21E+00	1.71E+00	1.67E+01	1.89E+01	
	017	190	-176.9	4/12/2011	10:01	2.07E+03	6.18E+02	4.78E+02	1.90E+01	3.38E+00	1.77E+00	3.33E+00	7.86E+00	9.23E+00	8.70E-01	9.00E+00	1.00E+01	3.35E-01	1.58E+01	1.82E+01	
	018	190	-176.9	7/18/2011	12:14	2.37E+03	6.06E+02	4.45E+02	1.75E+01	2.85E+00	1.12E+00	2.24E+00	1.16E+01	1.29E+01	-2.72E+00	1.18E+01	1.22E+01	-3.86E+00	1.55E+01	1.74E+01	
	019	190	-176.9	8/15/2011	12:00	3.31E+03	5.88E+02	2.00E+02	1.89E+01	3.39E+00	1.22E+00	-3.96E+00	8.61E+00	7.57E+00	-4.68E+00	8.73E+00	8.11E+00	-5.67E+00	1.96E+01	2.30E+01	
	020	190	-176.9	12/6/2011	13:38	8.77E+03	8.22E+02	3.68E+02	1.81E+01	3.72E+00	1.90E+00	5.15E-01	3.87E+00	4.56E+00	1.47E+00	4.11E+00	5.26E+00	3.28E+00	1.21E+01	1.34E+01	
MW-55-24	001	16	2.3	11/9/2006	13:20	2.00E+03	1.11E+03	1.00E+03	1.66E+01	2.40E+00	1.90E+00	-7.00E-01	4.50E+00	5.80E+00	4.00E-01	5.40E+00	6.70E+00	1.10E+00	5.40E+00	6.00E+00	MW-55-24
	002	16	2.3	6/28/2007	11:20	3.08E+03	2.96E+02	1.87E+02	3.25E+01	3.51E+00	1.06E+00	0.00E+00	4.00E+00	3.70E+00	1.16E+00	3.81E+00	4.60E+00	NA	NA	NA	
	003	16	2.3	8/2/2007	11:17	2.71E+03	7.28E+02	5.47E+02	2.31E+01	2.67E+00	9.19E-01	-4.91E-01	2.79E+00	3.02E+00	1.40E+00	2.94E+00	3.47E+00	-7.94E+00	1.91E+01	2.31E+01	
	004	16	2.3	10/16/2007	10:15	2.20E+03	5.36E+02	3.68E+02	2.29E+01	2.61E+00	8.43E-01	6.26E-01	3.63E+00	4.21E+00	7.46E-01	3.29E+00	3.47E+00	NA	NA	NA	
	005	16	2.3	1/28/2008	12:57	1.14E+03	3.65E+02	2.96E+02	2.26E+01	2.46E+00	9.24E-01	3.33E+00	3.26E+00	2.50E+00	1.04E+00	1.55E+00	2.51E+00	1.44E+01	1.82E+01	2.00E+01	
	006	16	2.3	4/25/2008	14:15	1.05E+03	1.59E+02	1.44E+02	2.55E+01	1.57E+00	4.89E-01	1.08E+00	2.31E+00	4.02E+00	-9.33E-01	2.55E+00	4.02E+00	1.25E+00	1.14E+01	1.97E+01	
	007	16	2.3	8/1/2008	13:15	1.40E+03	1.93E+02	1.91E+02	2.22E+01	1.36E+00	5.73E-01	-7.37E-03	2.19E+00	3.69E+00	2.85E+00	2.34E+00	4.16E+00	6.11E+00	1.24E+01	2.11E+01	
	008	16	2.3	10/21/2008	13:19	7.82E+02	2.57E+02	1.93E+02	1.08E+01	1.80E+00	5.55E-01	1.30E+00	5.13E+00	5.92E+00	-3.49E+00	6.66E+00	6.59E+00	4.77E+00	1.79E+01	2.03E+01	
	009	16	2.3	2/11/2009	12:55	1.04E+03	4.49E+02	3.84E+02	1.69E+01	1.74E+00	3.85E-01	1.90E+00	2.88E+00	3.50E+00	1.35E+00	3.14E+00	3.76E+00	-1.21E+01	2.45E+01	2.99E+01	
	010	16	2.3	4/29/2009	11:28	1.14E+03	2.69E+02	1.80E+02	1.55E+01	1.88E+00	6.50E-01	-1.81E-01	1.02E+01	6.77E+00	-9.81E-01	4.91E+00	5.14E+00	4.88E+00	1.95E+01	2.22E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-55-24	011	16	2.3	8/5/2009	13:52	1.59E+03	3.39E+02	2.37E+02	3.07E+01	2.52E+00	7.22E-01	-7.90E-01	3.74E+00	3.61E+00	1.05E+00	2.92E+00	3.52E+00	4.83E+00	2.28E+01	2.59E+01	MW-55-24
	012	16	2.3	11/2/2009	13:01	1.38E+03	2.27E+02	1.88E+02	1.93E+01	1.95E+00	7.59E-01	1.03E+01	9.51E+00	5.59E+00	3.87E+00	5.63E+00	7.18E+00	-7.44E+00	1.53E+01	1.80E+01	
	013	16	2.3	2/18/2010	14:01	2.21E+03	2.49E+02	1.74E+02	2.06E+01	2.46E+00	7.08E-01	4.99E+00	4.18E+00	5.27E+00	7.07E-01	4.32E+00	4.92E+00	-8.06E+00	1.86E+01	2.18E+01	
	014	16	2.3	4/21/2010	14:08	1.62E+03	4.65E+02	3.90E+02	1.94E+01	2.09E+00	8.38E-01	-1.91E+00	7.13E+00	7.46E+00	6.66E-01	9.22E+00	1.03E+01	-7.52E-01	1.79E+01	2.07E+01	
	015	16	2.3	8/6/2010	13:11	1.21E+03	2.12E+02	1.30E+02	8.64E+00	1.22E+00	4.51E-01	1.13E+00	8.94E+00	1.04E+01	8.02E-01	8.22E+00	9.59E+00	1.17E+01	1.64E+01	1.81E+01	
	016	16	2.3	11/1/2010	14:10	1.39E+03	2.09E+02	1.65E+02	1.08E+01	1.98E+00	9.92E-01	-2.29E-01	8.10E+00	9.04E+00	-4.71E+00	7.93E+00	6.54E+00	7.56E+00	1.88E+01	2.12E+01	
	017	16	2.3	2/3/2011	14:13	1.02E+03	4.48E+02	4.20E+02	1.09E+01	2.82E+00	1.96E+00	-3.57E-01	4.92E+00	5.43E+00	4.75E+00	8.74E+00	7.44E+00	-5.31E+00	1.81E+01	2.14E+01	
	018	16	2.3	8/12/2011	12:12	1.71E+03	4.35E+02	2.01E+02	1.29E+01	3.21E+00	1.59E+00	-4.41E+00	7.32E+00	6.86E+00	5.14E-01	7.95E+00	8.82E+00	6.75E+00	2.09E+01	2.34E+01	
	019	16	2.3	11/14/2011	11:26	2.57E+03	6.66E+02	4.98E+02	2.33E+01	4.08E+00	1.56E+00	0.00E+00	8.49E+00	1.07E+01	3.56E+00	1.08E+01	1.50E+01	-7.45E+00	1.87E+01	2.17E+01	
MW-55-35	001	32	-13.8	11/9/2006	13:40	9.04E+03	1.50E+03	1.00E+03	4.04E+01	4.80E+00	3.30E+00	-1.10E+00	3.30E+00	3.90E+00	-5.00E-01	3.30E+00	4.10E+00	4.30E+00	5.40E+00	5.80E+00	MW-55-35
	002	32	-13.8	6/28/2007	11:50	3.09E+03	2.93E+02	1.84E+02	3.25E+01	3.31E+00	9.74E-01	-4.64E-01	3.46E+00	3.78E+00	-1.00E+00	3.62E+00	3.75E+00	NA	NA	NA	
	003	32	-13.8	8/2/2007	11:20	3.68E+03	7.91E+02	5.33E+02	3.40E+01	3.45E+00	8.95E-01	9.35E-01	3.19E+00	3.24E+00	7.69E-01	2.23E+00	2.70E+00	2.90E+00	1.96E+01	2.28E+01	
	004	32	-13.8	10/16/2007	10:02	5.09E+03	7.34E+02	3.63E+02	3.16E+01	3.04E+00	1.04E+00	2.62E+00	3.36E+00	3.58E+00	1.44E+00	3.44E+00	4.20E+00	NA	NA	NA	
	005	32	-13.8	1/28/2008	11:46	2.33E+03	4.59E+02	2.97E+02	2.64E+01	2.60E+00	5.21E-01	-5.28E-01	2.12E+00	2.26E+00	-6.90E-01	2.19E+00	2.32E+00	1.12E+01	1.76E+01	1.96E+01	
	006	32	-13.8	4/25/2008	12:07	1.60E+03	1.86E+02	1.42E+02	3.44E+01	1.86E+00	6.11E-01	1.46E+00	2.26E+00	4.06E+00	2.34E+00	2.40E+00	4.61E+00	5.22E+00	1.25E+01	2.14E+01	
	007	32	-13.8	8/1/2008	10:47	1.73E+03	2.08E+02	1.91E+02	2.54E+01	1.42E+00	4.28E-01	3.51E-01	2.17E+00	3.74E+00	2.59E-01	2.33E+00	3.99E+00	1.26E+01	1.23E+01	2.05E+01	
	008	32	-13.8	2/4/2009	13:46	8.53E+02	4.28E+02	3.84E+02	1.71E+01	1.82E+00	4.39E-01	1.01E+00	3.14E+00	3.69E+00	1.58E-01	2.78E+00	3.15E+00	8.49E-01	2.30E+01	2.69E+01	
	009	32	-13.8	4/29/2009	11:26	2.70E+03	3.77E+02	1.80E+02	3.51E+01	2.79E+00	6.05E-01	-4.06E+00	6.72E+00	4.48E+00	7.97E-01	4.28E+00	5.04E+00	7.31E+00	2.03E+01	2.28E+01	
	010	32	-13.8	8/5/2009	13:40	2.83E+03	4.19E+02	2.38E+02	4.14E+01	2.88E+00	7.28E-01	-1.22E+00	3.52E+00	3.46E+00	2.68E-01	3.35E+00	3.79E+00	-2.68E+00	2.26E+01	2.61E+01	
	011	32	-13.8	11/2/2009	12:34	2.37E+03	2.64E+02	1.88E+02	2.86E+01	2.40E+00	7.17E-01	6.51E-01	4.23E+00	4.96E+00	2.97E+00	4.46E+00	5.72E+00	-9.10E+00	1.73E+01	2.02E+01	
	012	32	-13.8	2/18/2010	14:03	2.49E+03	2.60E+02	1.74E+02	3.10E+01	3.29E+00	7.35E-01	-2.47E+00	4.86E+00	5.03E+00	1.05E+00	4.83E+00	5.63E+00	-5.22E+00	1.83E+01	2.13E+01	
	013	32	-13.8	4/21/2010	14:31	2.01E+03	4.92E+02	3.90E+02	2.63E+01	2.44E+00	7.84E-01	-4.26E+00	8.04E+00	7.79E+00	2.77E+00	7.27E+00	9.17E+00	-4.98E-01	1.77E+01	2.06E+01	
	014	32	-13.8	8/6/2010	13:15	1.89E+03	2.46E+02	1.25E+02	1.66E+01	1.65E+00	3.57E-01	-4.27E-01	8.60E+00	9.69E+00	4.31E+00	9.66E+00	1.22E+01	9.65E+00	1.62E+01	1.81E+01	
	015	32	-13.8	11/1/2010	14:26	1.57E+03	2.12E+02	1.62E+02	1.13E+01	1.97E+00	9.17E-01	-2.41E+00	8.88E+00	9.46E+00	5.36E-01	8.18E+00	9.32E+00	6.22E+00	1.79E+01	2.03E+01	
	016	32	-13.8	2/3/2011	14:16	1.70E+03	4.84E+02	3.86E+02	1.93E+01	3.42E+00	2.05E+00	8.32E-01	5.82E+00	6.45E+00	1.03E+00	6.24E+00	7.03E+00	-2.16E+00	1.86E+01	2.17E+01	
	017	32	-13.8	8/12/2011	12:15	2.94E+03	5.58E+02	2.01E+02	1.63E+01	3.18E+00	1.50E+00	4.22E-01	7.50E+00	8.42E+00	-1.40E+00	8.31E+00	8.83E+00	-1.22E+01	2.17E+01	2.60E+01	
	018	32	-13.8	11/14/2011	11:23	2.79E+03	6.84E+02	5.00E+02	2.35E+01	3.99E+00	1.60E+00	2.04E-01	7.08E+00	8.67E+00	8.98E-01	8.22E+00	1.06E+01	4.79E+00	1.87E+01	2.09E+01	
MW-55-54	001	47	-28.8	11/9/2006	13:30	1.31E+04	1.68E+03	1.00E+03	2.28E+01	1.35E+00	8.10E-01	1.00E+00	3.30E+00	3.80E+00	-3.20E+00	4.50E+00	5.70E+00	1.70E+00	4.80E+00	5.40E+00	MW-55-54
	002	47	-28.8	6/28/2007	11:40	1.04E+04	4.79E+02	1.84E+02	2.47E+01	2.88E+00	9.85E-01	1.30E-01	3.09E+00	3.43E+00	-4.69E-01	3.27E+00	3.48E+00	NA	NA	NA	
	003	47	-28.8	8/2/2007	12:00	9.91E+03	1.19E+03	5.51E+02	2.22E+01	2.38E+00	9.10E-01	-1.09E+00	3.69E+00	3.80E+00	1.46E+00	2.87E+00	3.56E+00	6.13E+00	1.99E+01	2.28E+01	
	004	47	-28.8	10/16/2007	10:05	1.03E+04	9.96E+02	3.61E+02	2.23E+01	2.49E+00	6.15E-01	-9.80E-01	2.82E+00	3.02E+00	8.80E-01	3.65E+00	2.99E+00	NA	NA	NA	
	005	47	-28.8	1/28/2008	11:42	7.48E+03	7.35E+02	2.97E+02	2.28E+01	2.40E+00	5.39E-01	-8.47E-01	2.16E+00	2.30E+00	-1.29E+00	2.81E+00	2.20E+00	1.09E+01	1.86E+01	2.09E+01	
	006	47	-28.8	4/25/2008	10:35	5.96E+03	3.39E+02	1.44E+02	2.67E+01	1.62E+00	6.56E-01	1.74E+00	2.35E+00	4.25E+00	1.63E+00	2.59E+00	4.75E+00	7.69E+00	1.25E+01	2.13E+01	
	007	47	-28.8	8/1/2008	10:38	6.31E+03	3.59E+02	1.91E+02	2.32E+01	1.30E+00	3.56E-01	6.53E-01	2.07E+00	3.52E+00	1.29E+00	1.79E+00	3.30E+00	1.82E+01	1.26E+01	2.08E+01	
	008	47	-28.8	10/21/2008	10:21	7.76E+03	6.65E+02	1.96E+02	1.94E+01	2.37E+00	6.25E-01	-3.17E+00	5.29E+00	5.27E+00	-1.63E+00	5.43E+00	5.54E+00	-9.99E+00	1.69E+01	2.01E+01	
	009	47	-28.8	2/4/2009	12:42	7.33E+03	9.09E+02	3.82E+02	2.11E+01	2.01E+00	3.69E-01	-3.34E-01	3.11E+00	3.46E+00	-3.64E-01	3.35E+00	3.69E+00	5.24E+00	2.34E+01	2.70E+01	
	010	47	-28.8	4/29/2009	10:55	7.00E+03	5.76E+02	1.80E+02	3.27E+01	2.55E+00	6.48E-01	3.95E-01	6.93E+00	4.62E+00	-1.58E+00	4.23E+00	4.33E+00	2.56E+00	1.79E+01	2.04E+01	
	011	47	-28.8	8/5/2009	13:25	5.47E+03	5.45E+02	2.35E+02	2.85E+01	2.43E+00	6.15E-01	-1.05E-01	2.76E+00	3.04E+00	-1.85E+00	3.19E+00	3.17E+00	8.36E+00	2.34E+01	2.65E+01	
	012	47	-28.8	11/2/2009	12:33	5.82E+03	3.65E+02	1.87E+02	2.33E+01	2.12E+00	4.76E-01	1.23E+00	5.73E+00	6.54E+00	2.82E+00	6.20E+00	7.55E+00	-2.77E+00	1.91E+01	2.20E+01	
	013	47	-28.8	2/18/2010	14:05	8.23E+03	4.13E+02	1.74E+02	1.67E+01	2.22E+00	7.61E-01	-1.16E+00	3.60E+00	3.94E+00	6.65E-01	4.04E+00	4.57E+00	-1.58E+01	1.80E+01	2.15E+01	
	014	47	-28.8	4/21/2010	13:56	1.13E+04	9.27E+02	3.88E+02	2.32E+01	2.31E+00	8.38E-01	-5.23E+00	1.21E+01	1.49E+01	-4.30E+00	1.11E+01	1.10E+01	-3.67E+00	1.79E+01	2.09E+01	
	015	47	-28.8	8/6/2010	12:50	9.74E+03	5.22E+02	1.28E+02	1.93E+01	1.88E+00	3.96E-01	-1.51E+00	7.77E+00	8.26E+00	1.82E+00	7.26E+00	8.71E+00	-1.77E-01	1.41E+01	1.65E+01	
	016	47	-28.8	11/1/2010	13:36	8.68E+03	3.95E+02	1.57E+02	1.93E+01	1.72E+00	6.48E-01	-3.03E+00	7.29E+00	7.24E+00	9.59E-01	7.50E+00	8.63E+00	1.12E-01	1.77E+01	2.04E+01	
	017	47	-28.8	2/3/2011	14:17	8.46E+03	8.58E+02	3.89E+02	1.91E+01	3.78E+00	1.95E+00	3.62E+00	5.80E+00	7.00E+00	-6.59E-01	7.44E+00	7.93E+00	-8.13E+00	1.78E+01	2.14E+01	
	018	47	-28.8	8/12/2011	12:09	8.53E+03	9.24E+02	2.00E+02	2.20E+01	3.36E+00	1.17E+00	7.03E+00	8.73E+00	1.08E+01	-2.52E+00	8.07E+00	7.92E+00	-2.57E+00	1.96E+01	2.27E+01	
	019	47	-28.8	11/14/2011	11:07	5.97E+03	8.25E+02	4.67E+02	1.75E+01	3.57E+00	1.46E+00	-2.66E+00	8.67E+00	1.04E+01	3.60E+00	6.69E+00	1.03E+01	1.62E+00	1.92E+01	2.17E+01	
MW-56-53	001	52	18.3	1/4/2007	9:39	7.80E+02	5.40E+02	5.10E+02	-9.00E-02	7.80E-01	8.80E-01	1.36E+01	4.80E+00	4.20E+00	2.00E+00	3.60E+00	3.80E+00	-3.70E+00	6.60E+00	7.80E+00	MW-56-53
	002	52	18.3	6/26/2007	10:51	2.89E+02	1.70E+02	1.82E+02	-4.49E-02	5.50E-01	6.66E-01	-5.30E-01	4.46E+00	4.11E+00	2.93E+00	4.88E+00	4.84E+00	1.30E+00	1.41E+01	1.62E+01	
	003	52	18.3	8/10/2007	12:25	2.16E+02	1.86E+02	2.03E+02	-5.66E-01	6.10E-01	9.04E-01	8.31E-01	2.79E+00	3.21E+00	3.99E-02	2.56E+00	2.85E+00	NA	NA	NA	
	004	52	18.3	1/31/2008	12:30	2.63E+02	1.27E+02	1.31E+02	5.70E-01	8.81E-01	9.77E-01	3.38E-01	3.69E+00	3.87E+00	5.97E-01	3.48E+00	3.99E+00	1.74E+00	1.55E+01	1.80E+01	
	005	52	18.3	10/24/2008	12:21	3.99E+02	1.64E+02	1.65E+02	5.40E-01	5.47E-01	5.45E-01	-7.92E-02	5.88E+00	6.64E+00	-5.42E+00	7.44E+00	6.23E+00	NA	NA	NA	
	006	52	18.3	4/16/2009	11:43	5.00E+02	1.95E+02	1.96E+02	-8.46E-02	6.21E-01	7.53E-01	6.63E-01	6.14E+00	4.09E+00	2.86E+00	3.41E+00	4.34E+00	NA	NA	NA	
	007	52	18.3	11/4/2009	14:09	6.86E+02	1.38E+02	1.03E+02	2.94E-01	6.00E-01	6.81E-01	5.47E-01	6.74E+00	7.50E+00	2.77E+00	6.21E+00	7.63E+00	NA	NA	NA	
	008	52	18.3	4/20/2010	15:23	2.58E+02	1.65E+02	1.75E+02	-1.49E-01	5.35E-01	7.58E-01	3.61E+00	7.63E+00	9.44E+00	-1.55E+00	8.91E+00	9.68E+00	NA	NA	NA	
	009	52	18.3	11/15/2010	12:48	4.64E+02	1.88E+02	3.82E+02	1.27E+00	8.67E-01	1.86E+00	3.71E+00	4.39E+00	1.06E+01	-1.74E+00	4.89E+00	9.96E+00	NA	NA	NA	
	010	52	18.3	4/27/2011	12:08	1.18E+02	3.48E+02	3.97E+02	-3.07E-02	1.23E+00	1.60E+00	3.04E+00	8.50E+00	1.01E+01	-1.64E+00	8.42E+00	8.44E+00	NA	NA	NA	
	011	52	18.3	7/6/2011	12:58	2.03E+02	2.75E+02	2.83E+02	-3.68E-01	7.89E-01	1.12E+00	3.72E+00	7.77E+00	9.45E+00	-4.34E+00	8.82E+00	9.56E+00	-4.67E+00	2.28E+01	2.56E+01	
	012	52	18.3	8/26/2011	11:06	2.47E+02	3.96E+02	4.32E+02	-6.50E-01	7.17E-01	1.13E+00	1.31E+00	8.97E+00	1.00E+01	2.45E+00	7.50E+00	9.03E+00	NA	NA	NA	
	013	52	18.3	10/31/2011	12:13	6.15E+01	4.41E+02	5.09E+02	5.82E-02	1.09E+00	1.39E+00	4.08E+00	9.36E+00	1.24E+01	4.41E+00	8.22E+00	1.26E+01	4.96E+00	1.94E+01	2.17E+01	
MW-56-83	001	74	-3.7	9/8/2006	11:15	5.40E+02	1.62E+02	1.26E+02	2.70E+00	1.12E+00	9.59E-01	1.82E+00	6.51E+00	8.45E+00	-2.15E-01	5.23E+00	6.87E+00	NA	NA	NA	MW-56-83
	002	74	-3.7	11/9/2006	10:20	1.65E+02	1.35E+02	1.40E+02	7.00E-02	7.20E-01	8.10E-01	7.70E-01	2.70E+00	3.10E+00	-2.20E-01	2.91E+00	3.50E+00	3.30E+00	5.40E+00	5.80E+00	
	003	74	-3.7	1/4/2007	13:20	1.28E+03	5.70E+02	5.20E+02	2.30E+00	9.00E-01	8.90E-01	1.18E+01	4.80E+00	4.40E+00	1.00E-01	3.00E+00	3.60E+00	-7.00E-01	7.80E+00	8.80E+00	
	004	74	-3.7	6/22/2007	10:44	1.85E+03	5.76E+02	4.30E+02	1.87E+00	1.15E+00	1.09E+00	1.47E-01	3.39E+00	3.85E+00	-1.87E+00	2.82E+00	2.46E+00	3.95E+00	1.27E+01	1.46E+01	
	005	74	-3.7	8/10/2007	11:10	1.49E+03	5.52E+02	4.55E+02	2.43E+00	1.05E+00	9.23E-01	-9.15E-01	3.86E+00	4.02E+00	1.87E-01	2.75E+00	3.15E+00	NA	NA	NA	
	006	74	-3.7	1/31/2008	9:30	1.94E+03	1.97E+02	1.34E+02	3.56E+00	1.34E+00	9.49E-01	-8.03E-01	3.69E+00	3.23E+00	1.60E+00	2.78E+00	3.51E+00	6.57E-01	1.59E+01	1.85E+01	
	007	74	-3.7	10/24/2008	12:22	2.98E+03	7.91E+02	5.91E+02	2.13E+00	7.32E-01	4.94E-01	-1.15E+00	4.62E+00	4.98E+00	3.29E+00	5.58E+00	8.07E+00	NA	NA	NA	
	008	74	-3.7	4/16/2009	11:49	3.24E+03	7.61E+02	4.34E+02	2.71E+00	7.59E-01	4.21E-01	6.03E-03	5.39E+00	3.59E+00	1.38E+00	4.11E+00	4.92E+00	NA	NA	NA	
	009	74	-3.7	11/4/2009	15:47	3.15E+03	2.46E+02	1.02E+02	2.78E+00	8.12E-01	4.70E-01	2.01E+00	5.22E+00	6.13E+00	-1.15E+00	5.96E+00	6.35E+00	NA	NA	NA	
	010	74	-3.7	4/20/2010	14:51	1.93E+03	2.96E+02	1.48E+02	1.99E+00	1.05E+00	8.74E-01	2.04E+00	8.03E+00	9.48E+00	-1.05E+00	8.71E+00	9.04E+00	NA	NA	NA	
	011	74	-3.7	11/15/2010	14:37	2.74E+03	2.63E+02	3.84E+02	1.02E+00	7.08E-01	1.50E+00	-2.51E+00	3.87E+00	7.83E+00	-2.67E+00	3.90E+00	7.34E+00	NA	NA	NA	
	012	74	-3.7	4/27/2011	13:46	7.64E+04	2.40E+03	4.19E+02	3.87E+00	1.60E+00	1.28E+00	-1.05E+00	1.14E+01	1.33E+01	-1.27E+00	9.50E+00	1.01E+01	NA	NA	NA	
	013	74	-3.7	7/6/2011	11:58	8.42E+04	3.54E+03	2.81E+02	1.45E+00	1.27E+00	1.19E+00	2.77E+00	2.01E+01	9.44E+00	4.20E-01	8.16E+00	9.20E+00	-1.36E+01	2.15E+01	2.46E+01	
	014	74	-3.7	8/26/2011	10:56	1.05E+05	3.12E+03	4.42E+02	3.12E+00	1.61E+00	1.37E+00	-2.12E+00	8.13E+00	8.21E+00	-6.41E-01	8.67E+00	9.15E+00	NA	NA	NA	
	015	74	-3.7	10/31/2011	12:00	7.25E+04	2.80E+03	5.11E+02	9.41E-01	1.49E+00	1.61E+00	2.19E+00	7.29E+00	9.56E+00	2.43E+00	8.94E+00	1.22E+01	-3.01E+00	2.14E+01	2.44E+01	
MW-57-11	001	10	5	6/22/2007	12:17	4.61E+03	8.10E+02	4.36E+02	4.55E+01	3.96E+00	7.97E-01	2.29E+00	6.04E+00	4.31E+00	3.69E-02	3.87E+00	4.37E+00	2.24E+01	1.79E+01	1.91E+01	MW-57-11
	002	10	5	8/6/2007	12:30	4.09E+03	3.21E+06	1.97E+02	3.79E+01	2.77E+00	5.36E-01	1.15E+00	3.78E+00	4.16E+00	3.95E-03	3.01E+00	3.41E+00	-5.75E-01	2.16E+01	2.50E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-57-11	003	10	5	5/5/2008	12:43	2.17E+03	2.29E+02	2.65E+02	2.27E+01	1.95E+00	9.08E-01	8.71E-01	2.21E+00	3.83E+00	2.87E+00	2.26E+00	4.47E+00	-1.12E+00	1.35E+01	2.34E+01	MW-57-11
	004	10	5	11/12/2008	10:55	3.28E+03	2.76E+02	1.73E+02	4.16E+01	3.39E+00	7.64E-01	3.34E+00	7.25E+00	4.76E+00	1.81E+00	3.78E+00	5.03E+00	-5.18E-01	2.03E+01	2.35E+01	
	005	10	5	4/21/2009	12:08	4.22E+03	4.29E+02	1.90E+02	4.72E+01	2.97E+00	5.57E-01	3.89E+00	6.71E+00	4.47E+00	1.11E+00	2.76E+00	3.35E+00	4.47E+00	1.98E+01	2.25E+01	
	006	10	5	5/4/2010	12:36	3.27E+03	3.48E+02	1.72E+02	2.46E+01	3.00E+00	8.46E-01	8.07E-01	6.20E+00	6.51E+00	1.85E-01	5.09E+00	5.67E+00	-1.79E+01	2.21E+01	2.56E+01	
	007	10	5	5/4/2011	10:28	6.40E+03	6.84E+02	3.41E+02	3.11E+01	3.62E+00	1.04E+00	3.74E+00	8.32E+00	9.74E+00	2.05E+00	8.40E+00	9.72E+00	6.20E+00	1.66E+01	1.85E+01	
	008	10	5	7/18/2011	11:57	7.36E+03	9.18E+02	4.45E+02	3.87E+01	5.28E+00	2.11E+00	3.27E-01	8.88E+00	9.84E+00	-2.34E+00	9.18E+00	9.39E+00	-6.76E+00	1.48E+01	1.67E+01	
	009	10	5	8/19/2011	9:49	7.27E+03	8.58E+02	2.02E+02	2.08E+01	3.21E+00	1.24E+00	4.49E+00	7.50E+00	9.07E+00	2.31E+00	7.74E+00	9.17E+00	4.92E-01	2.06E+01	2.36E+01	
MW-57-20	001	19	-4	6/22/2007	12:30	1.65E+03	5.58E+02	4.32E+02	1.96E+00	1.07E+00	9.67E-01	-1.33E+00	3.69E+00	3.90E+00	-9.51E-01	3.65E+00	3.84E+00	4.77E-01	1.36E+01	1.59E+01	MW-57-20
	002	19	-4	8/6/2007	12:15	9.96E+02	2.15E+02	1.96E+02	1.23E+00	6.67E-01	5.78E-01	1.21E+00	3.59E+00	3.64E+00	6.05E-01	2.75E+00	3.22E+00	-1.19E+01	2.06E+01	2.46E+01	
	003	19	-4	5/5/2008	13:18	7.27E+02	1.45E+02	1.97E+02	1.23E+00	2.16E-01	2.85E-01	-2.17E+00	1.99E+00	2.84E+00	-9.61E-01	3.60E+00	4.56E+00	-6.89E+00	9.27E+00	1.62E+01	
	004	19	-4	11/12/2008	11:30	1.51E+03	2.16E+02	1.72E+02	3.06E+00	1.30E+00	1.14E+00	-1.91E+00	3.94E+00	3.82E+00	-4.35E-01	3.52E+00	3.67E+00	-5.58E-01	1.94E+01	2.25E+01	
	005	19	-4	4/21/2009	12:22	1.52E+03	2.87E+02	1.90E+02	2.77E+00	1.02E+00	8.57E-01	-2.08E+00	5.76E+00	3.84E+00	2.32E+00	3.15E+00	4.06E+00	1.34E+01	2.16E+01	2.41E+01	
	006	19	-4	5/4/2010	12:45	8.07E+02	2.04E+02	1.61E+02	1.12E+00	9.05E-01	8.77E-01	-2.11E+00	7.95E+00	8.24E+00	-2.23E-01	7.54E+00	8.56E+00	-6.07E+00	2.19E+01	2.51E+01	
	007	19	-4	5/4/2011	10:37	2.03E+04	1.15E+03	3.44E+02	1.74E+00	1.11E+00	9.49E-01	1.48E+00	7.52E+00	8.43E+00	-7.32E-01	9.22E+00	1.02E+01	-5.44E+00	1.64E+01	1.91E+01	
	008	19	-4	7/18/2011	12:09	3.81E+04	1.94E+03	4.43E+02	1.27E+00	1.08E+00	1.01E+00	-5.13E+00	7.71E+00	7.35E+00	9.16E-01	8.67E+00	9.92E+00	-5.69E+00	1.93E+01	2.20E+01	
	009	19	-4	8/19/2011	9:54	2.47E+04	1.55E+03	1.98E+02	1.90E+00	1.68E+00	1.56E+00	-2.01E+00	7.35E+00	7.66E+00	1.68E+00	8.07E+00	9.48E+00	3.14E+00	1.98E+01	2.25E+01	
MW-57-45	001	40	-25	8/24/2006	9:30	4.00E+03	6.98E+02	3.17E+02	1.88E+01	3.51E+00	2.11E+00	-5.40E-01	6.75E+00	7.36E+00	1.19E+00	6.35E+00	7.50E+00	8.29E+00	9.09E+00	9.70E+00	MW-57-45
	001	40	-25	8/24/2006	9:30	4.06E+03	8.82E+02	7.71E+02	NA	NA	NA	-2.85E-01	4.41E+00	4.80E+00	-1.81E-01	3.89E+00	4.37E+00	NA	NA	NA	
	002	40	-25	6/22/2007	12:55	9.55E+02	4.85E+02	4.35E+02	1.90E+00	1.05E+00	8.65E-01	-1.97E-01	3.40E+00	3.82E+00	-8.51E-01	3.50E+00	3.65E+00	6.46E-01	1.23E+01	1.43E+01	
	003	40	-25	8/6/2007	12:17	7.40E+02	2.07E+02	1.98E+02	2.55E+00	8.77E-01	6.09E-01	-3.91E-01	3.15E+00	3.42E+00	-1.89E-01	3.59E+00	3.35E+00	-1.15E+01	2.09E+01	2.49E+01	
	004	40	-25	5/5/2008	14:59	5.65E+02	1.38E+02	1.97E+02	2.26E+00	2.91E-01	3.68E-01	-1.35E-01	1.68E+00	2.84E+00	-4.61E-01	1.66E+00	2.69E+00	-3.60E+00	9.38E+00	1.62E+01	
	005	40	-25	11/12/2008	13:22	1.13E+03	2.01E+02	1.73E+02	1.20E+00	6.79E-01	5.97E-01	1.72E-01	3.63E+00	4.05E+00	9.15E-01	4.42E+00	5.17E+00	-2.81E+00	1.91E+01	2.22E+01	
	006	40	-25	4/21/2009	13:34	1.19E+03	2.64E+02	1.90E+02	2.25E+00	8.36E-01	6.44E-01	1.80E-01	5.64E+00	3.76E+00	-1.30E+00	3.95E+00	4.12E+00	8.26E+00	2.09E+01	2.35E+01	
	007	40	-25	5/4/2010	13:24	8.79E+02	2.19E+02	1.72E+02	1.30E+00	9.43E-01	8.65E-01	6.16E-02	5.31E+00	5.86E+00	-2.99E-01	4.77E+00	5.16E+00	7.57E-01	2.26E+01	2.58E+01	
	008	40	-25	5/4/2011	11:03	1.35E+04	9.48E+02	3.43E+02	9.06E-01	9.74E-01	9.60E-01	7.40E+00	9.54E+00	1.21E+01	-1.84E+00	9.48E+00	9.59E+00	6.39E+00	1.78E+01	1.98E+01	
	009	40	-25	7/18/2011	12:36	2.53E+04	1.60E+03	4.47E+02	1.28E+00	1.32E+00	1.34E+00	-2.08E-01	8.16E+00	8.83E+00	-7.58E-01	9.39E+00	9.67E+00	-1.04E+01	1.53E+01	1.74E+01	
	010	40	-25	8/19/2011	10:19	2.46E+04	1.56E+03	2.02E+02	4.31E-01	1.01E+00	1.15E+00	-5.69E+00	1.03E+01	1.04E+01	2.03E+00	8.04E+00	9.53E+00	2.27E+00	2.09E+01	2.38E+01	
MW-58-26	001	20	-5.4	11/16/2006	13:25	-2.60E+01	1.59E+02	1.60E+02	3.70E-01	7.50E-01	8.20E-01	7.27E+01	8.40E+00	4.50E+00	-9.00E-01	3.30E+00	4.30E+00	-3.20E+00	5.70E+00	6.40E+00	MW-58-26
	002	20	-5.4	1/5/2007	8:57	2.60E+02	1.80E+02	1.80E+02	-8.00E-02	7.50E-01	8.50E-01	2.34E+00	2.97E+00	3.20E+00	9.50E-01	2.73E+00	3.10E+00	-3.90E+00	6.30E+00	7.40E+00	
	003	20	-5.4	6/21/2007	11:10	5.97E+02	2.00E+02	1.86E+02	1.04E+00	6.09E-01	5.25E-01	1.62E+00	2.42E+00	2.86E+00	-3.94E-01	2.42E+00	2.60E+00	1.07E+00	1.24E+01	1.45E+01	
	004	20	-5.4	7/31/2007	11:00	8.56E+02	3.99E+02	2.58E+02	1.02E+00	6.33E-01	5.78E-01	1.18E+00	3.31E+00	3.83E+00	4.20E-01	3.01E+00	3.51E+00	NA	NA	NA	
	005	20	-5.4	1/22/2008	13:20	2.95E+02	1.62E+02	1.70E+02	-1.43E-01	4.65E-01	6.60E-01	9.19E-01	2.31E+00	2.67E+00	-5.41E-02	2.57E+00	2.61E+00	NA	NA	NA	
	006	20	-5.4	11/7/2008	13:39	2.38E+02	1.55E+02	1.63E+02	2.31E-01	6.60E-01	7.90E-01	-3.38E+00	6.24E+00	5.49E+00	-3.23E-01	4.58E+00	4.84E+00	NA	NA	NA	
	007	20	-5.4	2/3/2009	12:49	5.19E+02	2.36E+02	1.98E+02	-8.35E-03	5.27E-01	6.83E-01	1.40E+00	2.76E+00	3.29E+00	1.45E-01	3.09E+00	3.31E+00	NA	NA	NA	
	008	20	-5.4	4/24/2009	12:21	4.13E+02	1.48E+02	1.47E+02	-5.74E-02	4.53E-01	5.97E-01	1.26E+00	4.28E+00	2.85E+00	1.02E-01	2.31E+00	2.57E+00	NA	NA	NA	
	009	20	-5.4	10/23/2009	13:10	4.23E+02	1.67E+02	1.68E+02	4.74E-01	6.36E-01	6.95E-01	1.68E+00	5.05E+00	5.98E+00	2.49E+00	5.68E+00	6.94E+00	NA	NA	NA	
	010	20	-5.4	4/30/2010	14:12	5.75E+02	1.80E+02	1.82E+02	2.92E-01	5.47E-01	6.20E-01	4.25E-01	5.59E+00	6.27E+00	9.40E-01	5.75E+00	6.68E+00	NA	NA	NA	
	011	20	-5.4	11/11/2010	15:12	3.66E+02	1.73E+02	1.44E+02	4.13E-01	7.89E-01	8.92E-01	1.98E+00	3.81E+00	4.51E+00	2.98E+00	3.75E+00	4.70E+00	NA	NA	NA	
	012	20	-5.4	5/3/2011	9:58	7.22E+02	4.30E+02	4.21E+02	3.15E-01	1.13E+00	1.32E+00	2.29E+00	5.80E+00	6.89E+00	-6.42E+00	9.02E+00	8.00E+00	NA	NA	NA	
	013	20	-5.4	7/5/2011	13:29	1.86E+03	5.46E+02	4.47E+02	-3.25E-01	1.10E+00	1.41E+00	7.41E-01	6.84E+00	7.61E+00	1.22E+00	7.32E+00	8.39E+00	-1.01E+01	1.99E+01	2.25E+01	
	014	20	-5.4	8/26/2011	14:47	2.47E+03	5.10E+02	1.99E+02	-6.17E-02	7.95E-01	1.05E+00	2.39E-01	7.65E+00	8.47E+00	3.25E-01	8.22E+00	9.22E+00	NA	NA	NA	
	015	20	-5.4	11/15/2011	14:22	4.77E+03	7.29E+02	2.31E+02	-4.32E-01	8.28E-01	1.25E+00	1.04E+00	1.99E+01	8.90E+00	2.18E+00	9.42E+00	1.24E+01	-3.05E+00	1.22E+01	1.39E+01	
MW-58-65	001	54	-39.4	11/16/2006	13:18	-9.60E+01	1.59E+02	1.60E+02	-6.00E-02	7.20E-01	8.10E-01	2.20E+00	3.00E+00	3.30E+00	-9.00E-01	4.20E+00	4.90E+00	-3.40E+00	6.90E+00	7.80E+00	MW-58-65
	002	54	-39.4	1/5/2007	9:25	5.50E+02	5.40E+02	5.20E+02	1.60E-01	8.10E-01	8.80E-01	-1.95E+00	2.52E+00	3.00E+00	-1.30E-01	2.73E+00	3.20E+00	-1.40E+00	7.80E+00	8.70E+00	
	003	54	-39.4	6/21/2007	11:10	3.15E+02	1.77E+02	1.81E+02	-1.90E-01	3.96E-01	5.60E-01	-2.19E-01	2.37E+00	2.65E+00	-2.89E+00	3.17E+00	2.36E+00	2.80E+00	1.26E+01	1.45E+01	
	004	54	-39.4	7/31/2007	11:00	3.42E+02	3.02E+02	2.72E+02	6.20E-03	5.19E-01	6.52E-01	2.18E+00	3.39E+00	3.37E+00	1.02E+00	3.24E+00	3.39E+00	NA	NA	NA	
	005	54	-39.4	1/22/2008	12:00	3.13E+02	1.62E+02	1.69E+02	1.21E-01	5.85E-01	7.22E-01	5.54E-01	3.93E+00	3.92E+00	-1.23E-01	3.29E+00	3.05E+00	NA	NA	NA	
	006	54	-39.4	11/7/2008	13:55	2.81E+02	1.55E+02	1.62E+02	8.19E-01	8.77E-01	8.82E-01	9.13E-02	3.38E+00	3.86E+00	-1.58E+00	3.21E+00	2.98E+00	NA	NA	NA	
	007	54	-39.4	2/3/2009	12:05	2.75E+02	2.03E+02	1.98E+02	6.60E-01	8.00E-01	8.56E-01	-8.45E-01	3.21E+00	3.41E+00	1.91E+00	3.09E+00	3.89E+00	NA	NA	NA	
	008	54	-39.4	4/24/2009	11:52	2.33E+02	1.67E+02	1.78E+02	-2.36E-01	4.62E-01	6.58E-01	9.67E-02	3.86E+00	2.57E+00	-1.84E-01	2.46E+00	2.72E+00	NA	NA	NA	
	009	54	-39.4	10/23/2009	12:53	2.37E+02	1.56E+02	1.65E+02	6.33E-01	6.12E-01	6.29E-01	7.13E-01	5.70E+00	6.42E+00	2.46E+00	5.97E+00	7.18E+00	NA	NA	NA	
	010	54	-39.4	4/30/2010	13:51	3.59E+02	1.64E+02	1.72E+02	7.38E-02	5.17E-01	6.40E-01	1.50E+00	8.09E+00	9.07E+00	3.34E-01	5.75E+00	6.60E+00	NA	NA	NA	
	011	54	-39.4	11/11/2010	13:53	4.81E+02	1.88E+02	1.45E+02	7.15E-01	7.72E-01	8.31E-01	2.61E-01	3.71E+00	4.18E+00	3.74E+00	4.41E+00	5.49E+00	NA	NA	NA	
	012	54	-39.4	5/3/2011	10:11	3.29E+02	3.78E+02	3.97E+02	-4.47E-01	1.03E+00	1.44E+00	1.93E+00	5.92E+00	7.00E+00	-7.81E-01	7.04E+00	7.26E+00	NA	NA	NA	
	013	54	-39.4	7/5/2011	13:30	7.26E+02	3.93E+02	2.83E+02	4.19E-01	9.12E-01	1.03E+00	5.29E+00	1.05E+01	1.25E+01	1.47E+00	7.53E+00	8.78E+00	3.44E-01	2.03E+01	2.27E+01	
	014	54	-39.4	8/26/2011	14:04	1.10E+03	4.62E+02	2.61E+02	6.31E-01***	1.82E+00	1.60E+00	-1.06E+00	9.00E+00	9.65E+00	-1.54E+00	1.01E+01	1.04E+01	NA	NA	NA	
	015	54	-39.4	11/15/2011	14:05	1.75E+03	4.32E+02	3.42E+02	3.02E-01	1.71E+00	2.03E+00	-1.89E+00	8.82E+00	9.54E+00	-7.70E-01	7.23E+00	8.96E+00	NA	NA	NA	
MW-59-32	001	27	-12.5	11/16/2006	11:05	2.80E+01	1.77E+02	1.80E+02	-6.00E-02	7.20E-01	7.90E-01	8.60E-01	2.91E+00	3.30E+00	3.00E-01	4.20E+00	4.90E+00	-2.60E+00	6.60E+00	7.50E+00	MW-59-32
	002	27	-12.5	1/5/2007	9:41	1.35E+02	1.77E+02	1.80E+02	3.00E-01	7.50E-01	8.20E-01	1.50E+00	3.60E+00	4.10E+00	1.30E+00	3.90E+00	4.40E+00	-1.90E+00	6.90E+00	8.10E+00	
	003	27	-12.5	6/21/2007	15:25	4.67E+02	4.23E+02	4.36E+02	-6.68E-02	6.78E-01	9.11E-01	6.01E-01	3.96E+00	4.59E+00	-4.19E-01	4.46E+00	4.71E+00	-4.37E-01	1.24E+01	1.45E+01	
	004	27	-12.5	7/31/2007	14:35	1.69E+02	1.59E+02	1.63E+02	2.00E-01	6.72E-01	7.96E-01	2.26E-01	3.30E+00	3.73E+00	7.97E-01	3.19E+00	3.75E+00	NA	NA	NA	
	005	27	-12.5	7/20/2011	9:59	1.56E+02	3.90E+02	4.38E+02	5.88E-01	1.14E+00	1.27E+00	-1.79E+00	7.92E+00	8.02E+00	-2.58E+00	9.78E+00	1.02E+01	-1.40E+01	1.82E+01	2.07E+01	
	006	27	-12.5	8/24/2011	14:22	4.74E+02	2.72E+02	2.17E+02	7.95E-01	1.13E+00	1.20E+00	-2.52E+00	1.05E+01	1.13E+01	2.65E+00	8.25E+00	9.93E+00	-6.65E+00	2.16E+01	2.54E+01	
MW-59-45	001	42	-27.5	11/16/2006	11:18	5.50E+01	1.74E+02	1.70E+02	2.40E-01	7.20E-01	8.00E-01	3.74E+01	8.70E+00	6.20E+00	2.60E+00	4.20E+00	4.50E+00	-1.60E+00	5.70E+00	6.60E+00	MW-59-45
	002	42	-27.5	1/5/2007	9:48	8.80E+01	1.80E+02	1.80E+02	0.00E+00	7.80E-01	8.70E-01	1.49E+02	1.26E+01	4.90E+00	2.00E-01	3.90E+00	4.60E+00	-2.50E+00	7.50E+00	8.60E+00	
	003	42	-27.5	6/21/2007	15:25	7.54E+02	4.59E+02	4.34E+02	-2.74E-01	6.86E-01	9.10E-01	-1.10E-01	2.50E+00	2.83E+00	8.14E-02	2.16E+00	2.49E+00	7.74E-01	1.47E+01	1.71E+01	
	004	42	-27.5	7/31/2007	13:58	2.49E+02	1.74E+02	1.65E+02	1.64E-01	5.90E-01	7.05E-01	4.48E-01	3.52E+00	3.70E+00	7.64E-01	3.35E+00	3.94E+00	NA	NA	NA	
	005	42	-27.5	7/20/2011	9:59	5.24E+02	4.35E+02	4.43E+02	-1.01E+00	1.05E+00	1.49E+00	1.81E+00	8.52E+00	9.88E+00	2.79E+00	9.48E+00	1.15E+01	-1.12E+01	1.83E+01	2.08E+01	
	006	42	-27.5	8/24/2011	14:32	1.24E+03	4.92E+02	2.64E+02	1.13E-01	1.11E+00	1.33E+00	-1.32E+00	8.37E+00	8.81E+00	4.22E+00	9.42E+00	1.18E+01	1.31E+00	1.07E+01	1.20E+01	
MW-59-68	001	58	-43.5	11/16/2006	11:30	5.50E+01	1.74E+02	1.80E+02	1.20E-01	7.20E-01	8.10E-01	1.15E+02	1.11E+01	5.60E+00	1.00E+00	3.00E+00	3.60E+00	-2.30E+00	5.70E+00	6.40E+00	MW-59-68
	002	58	-43.5	1/5/2007	10:05	1.56E+02	1.83E+02	1.80E+02	3.30E-01	8.10E-01	8.90E-01	6.76E+01	6.60E+00	4.10E+00	-8.00E-01	3.60E+00	4.10E+00	1.90E+00	7.50E+00	8.40E+00	
	003	58	-43.5	6/21/2007	15:25	5.90E+02	4.41E+02	4.39E+02	2.97E-01	8.79E-01	1.03E+00	6.26E-01	3.50E+00	3.80E+00	1.27E+00	2.91E+00	3.62E+00	-4.23E+00	1.30E+01	1.56E+01	
	004	58	-43.5	7/31/2007	13:58	8.19E+02	4.02E+02	2.68E+02	3.66E-01	7.08E-01	7.98E-01	9.02E-01	2.88E+00	2.95E+00	3.72E-01	2.77E+00	3.17E+00	NA	NA	NA	
	005	58	-43.5	7/20/2011	10:14	1.15E+02	3.90E+02	4.42E+02	1.10E-01	7.26E-01	9.01E-01	2.83E+00	9.33E+00	1.09E+01	8.22E-01	9.87E+00	1.06E+01	-1.57E+01	2.17E+01	2.47E+01	
	006	58	-43.5	8/24/2011	14:09	2.61E+02	2.83E+02	2.66E+02	-5.46E-01	7.35E-01	1.14E+00	-5.62E+00	8.52E+00	7.69E+00	1.56E+00	9.03E+00	1.03E+01	4.94E+00	1.28E+01	1.42E+01	
MW-60-35	001	34.9	-22.4	5/8/2007	13:27	-9.12E+00	1.49E+02	1.79E+02	-1.79E-01	5.28E-01	7.62E-01	1.41E+00	4.84E+00	3.30E+00	2.45E+00	3.72E+00	4.67E+00	0.00E+00	1.81E+01	2.12E+01	MW-60-35

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-60-35	002	34.9	-22.4	7/27/2007	13:07	7.61E+02	2.40E+02	1.78E+02	6.48E-02	3.80E-01	4.66E-01	5.95E-01	4.26E+00	3.23E+00	-3.31E-01	3.07E+00	3.39E+00	NA	NA	NA	MW-60-35
	003	34.9	-22.4	10/9/2007	13:20	1.84E+02	1.48E+02	1.51E+02	3.01E-01	5.97E-01	6.78E-01	1.51E+00	6.06E+00	3.54E+00	0.00E+00	2.64E+00	2.61E+00	NA	NA	NA	
	004	34.9	-22.4	1/14/2008	17:05	7.78E+01	1.58E+02	1.78E+02	5.05E-01	8.10E-01	8.98E-01	1.11E+00	3.21E+00	3.79E+00	-9.16E-01	3.36E+00	3.54E+00	NA	NA	NA	
	005	34.9	-22.4	4/24/2008	15:30	5.51E+01	1.14E+02	1.95E+02	3.45E-01	4.83E-01	8.34E-01	-8.41E-01	2.06E+00	3.37E+00	-8.73E-01	1.68E+00	2.56E+00	NA	NA	NA	
	006	34.9	-22.4	7/30/2008	16:10	1.95E+02	1.21E+02	1.91E+02	2.85E-01	3.50E-01	5.92E-01	1.81E+00	1.93E+00	3.50E+00	-1.19E+00	2.07E+00	3.20E+00	NA	NA	NA	
	007	34.9	-22.4	11/5/2008	15:03	1.42E+02	1.80E+02	1.99E+02	1.62E-01	5.01E-01	6.09E-01	-2.38E+00	5.87E+00	6.17E+00	-3.83E+00	8.52E+00	7.56E+00	NA	NA	NA	
	008	34.9	-22.4	2/9/2009	16:12	2.00E+02	1.83E+02	1.98E+02	3.81E-01	8.27E-01	9.42E-01	-1.20E+00	3.09E+00	3.19E+00	-3.23E-01	3.00E+00	3.22E+00	-3.26E+00	2.39E+01	2.82E+01	
	009	34.9	-22.4	5/5/2009	14:06	1.54E+02	1.64E+02	1.71E+02	2.06E-01	6.48E-01	7.50E-01	1.11E+00	8.76E+00	5.84E+00	7.57E-01	5.60E+00	6.58E+00	NA	NA	NA	
	010	34.9	-22.4	8/11/2009	14:41	2.60E+02	1.49E+02	1.53E+02	3.16E-01	4.41E-01	4.71E-01	2.47E+00	5.67E+00	6.63E+00	3.46E+00	6.18E+00	7.58E+00	5.77E+00	1.79E+01	2.03E+01	
	011	34.9	-22.4	10/30/2009	15:10	2.29E+02	1.52E+02	1.61E+02	2.24E-01	6.33E-01	7.51E-01	-3.67E+00	1.00E+01	1.12E+01	4.15E+00	6.72E+00	8.44E+00	NA	NA	NA	
	012	34.9	-22.4	3/1/2010	11:18	2.48E+02	1.64E+02	1.74E+02	5.08E-01	6.83E-01	7.32E-01	-1.38E+00	6.15E+00	5.99E+00	-1.00E+00	3.76E+00	4.07E+00	-1.11E+01	1.88E+01	2.21E+01	
	013	34.9	-22.4	5/10/2010	15:58	2.85E+02	1.46E+02	1.35E+02	2.89E-02	5.05E-01	6.56E-01	-1.78E+00	7.56E+00	8.03E+00	-1.43E+00	9.12E+00	9.76E+00	4.12E-01	2.24E+01	2.56E+01	
	014	34.9	-22.4	8/16/2010	14:43	2.35E+02	1.42E+02	1.41E+02	3.19E-01	6.48E-01	7.39E-01	3.02E-01	5.73E+00	6.47E+00	-1.36E+00	6.23E+00	6.68E+00	-4.52E+00	2.14E+01	2.52E+01	
	015	34.9	-22.4	11/18/2010	13:25	2.44E+02	1.85E+02	4.00E+02	-5.33E-01	6.54E-01	1.73E+00	9.47E-01	4.80E+00	1.08E+01	-4.28E-01	4.56E+00	9.75E+00	-1.11E+01	8.47E+00	1.92E+01	
	016	34.9	-22.4	2/11/2011	12:17	3.20E+02	3.72E+02	3.88E+02	9.73E-01	1.63E+00	1.78E+00	2.69E+00	6.24E+00	7.46E+00	1.22E-01	3.76E+00	4.24E+00	-1.61E+00	1.62E+01	1.84E+01	
	017	34.9	-22.4	4/15/2011	11:36	2.03E+02	4.32E+02	4.80E+02	3.77E-01	1.66E+00	2.00E+00	2.46E+00	1.14E+01	8.95E+00	-8.48E-01	9.58E+00	1.03E+01	2.65E+00	1.42E+01	1.61E+01	
	018	34.9	-22.4	8/10/2011	10:54	4.99E+02	2.69E+02	2.00E+02	-5.84E-01	7.74E-01	1.17E+00	2.11E+00	6.96E+00	8.28E+00	-1.04E+00	1.03E+01	1.10E+01	NA	NA	NA	
	019	34.9	-22.4	12/2/2011	11:21	1.74E+02	3.66E+02	4.07E+02	3.94E-01	1.72E+00	1.98E+00	-8.20E-01	9.33E+00	1.15E+01	2.63E+00	7.86E+00	1.12E+01	NA	NA	NA	
MW-60-53	001	53.4	-40.9	5/8/2007	11:52	5.32E+01	1.58E+02	1.82E+02	-4.92E-01	5.52E-01	8.96E-01	-2.83E+00	4.86E+00	4.07E+00	2.15E-01	3.59E+00	4.12E+00	3.58E+00	1.84E+01	2.12E+01	MW-60-53
	002	53.4	-40.9	7/27/2007	12:50	1.25E+02	1.71E+02	1.87E+02	-4.72E-01	5.26E-01	7.31E-01	1.46E-01	3.01E+00	3.34E+00	7.87E-01	3.25E+00	3.79E+00	NA	NA	NA	
	003	53.4	-40.9	10/9/2007	12:22	1.13E+02	1.44E+02	1.56E+02	6.19E-01	6.50E-01	6.79E-01	-2.11E+00	3.39E+00	3.51E+00	3.62E-01	2.79E+00	3.21E+00	NA	NA	NA	
	004	53.4	-40.9	1/14/2008	15:40	5.35E+01	1.55E+02	1.78E+02	-1.69E-01	5.28E-01	7.59E-01	-1.10E+00	2.78E+00	2.88E+00	-1.89E+00	2.94E+00	2.76E+00	NA	NA	NA	
	005	53.4	-40.9	4/24/2008	12:18	-1.77E+01	1.12E+02	1.96E+02	5.27E-01	5.19E-01	8.52E-01	-4.84E-01	2.47E+00	4.13E+00	-1.36E+00	2.50E+00	3.95E+00	NA	NA	NA	
	006	53.4	-40.9	7/30/2008	13:23	1.28E+02	9.80E+01	1.63E+02	6.53E-01	5.33E-01	8.58E-01	-1.68E-01	2.09E+00	3.43E+00	1.05E+00	2.04E+00	3.65E+00	NA	NA	NA	
	007	53.4	-40.9	11/5/2008	14:32	1.38E+02	1.80E+02	1.99E+02	-1.95E-01	5.82E-01	8.17E-01	8.77E-01	4.58E+00	5.22E+00	1.30E+00	5.78E+00	6.68E+00	NA	NA	NA	
	008	53.4	-40.9	2/9/2009	11:28	1.31E+02	1.79E+02	1.98E+02	4.81E-01	8.09E-01	9.06E-01	-1.28E+00	3.80E+00	3.55E+00	5.34E-01	2.78E+00	3.22E+00	-1.24E+00	2.43E+01	2.85E+01	
	009	53.4	-40.9	5/5/2009	10:08	4.99E+02	2.12E+02	1.75E+02	6.40E-02	6.75E-01	8.02E-01	7.73E-01	1.18E+01	7.89E+00	-3.04E+00	8.30E+00	7.85E+00	0.00E+00	2.39E+01	2.81E+01	
	010	53.4	-40.9	8/11/2009	14:26	2.03E+02	1.56E+02	1.69E+02	1.35E-01	7.18E-01	8.69E-01	1.11E+00	4.86E+00	5.53E+00	4.62E-02	4.88E+00	5.44E+00	-3.23E+00	1.71E+01	2.00E+01	
	011	53.4	-40.9	10/30/2009	14:19	1.47E+02	1.47E+02	1.61E+02	1.24E-01	4.95E-01	6.12E-01	-2.86E-01	6.88E+00	7.53E+00	-3.34E-02	6.96E+00	7.65E+00	NA	NA	NA	
	012	53.4	-40.9	3/1/2010	11:07	1.37E+02	1.59E+02	1.75E+02	1.14E-01	5.66E-01	7.00E-01	-1.22E+00	4.51E+00	4.92E+00	-8.72E-01	4.93E+00	5.33E+00	-5.31E+00	1.95E+01	2.27E+01	
	013	53.4	-40.9	5/10/2010	16:31	3.45E+02	1.58E+02	1.41E+02	-9.87E-02	4.95E-01	6.82E-01	8.10E-01	7.58E+00	8.81E+00	-2.08E+00	8.49E+00	9.02E+00	-5.02E+00	2.07E+01	2.40E+01	
	014	53.4	-40.9	8/16/2010	15:34	2.58E+02	1.50E+02	1.60E+02	-2.84E-02	4.87E-01	6.04E-01	-8.42E+00	7.92E+00	7.70E+00	-2.64E+00	6.03E+00	6.02E+00	-8.48E+00	1.98E+01	2.37E+01	
	015	53.4	-40.9	11/18/2010	12:22	2.49E+02	1.83E+02	3.96E+02	-4.58E-01	4.20E-01	1.32E+00	4.54E-01	4.11E+00	9.15E+00	2.23E+00	3.57E+00	8.75E+00	1.10E+01	8.93E+00	1.96E+01	
	016	53.4	-40.9	2/11/2011	10:57	3.19E+02	3.70E+02	3.87E+02	7.44E-01	1.52E+00	1.70E+00	-2.03E+00	5.88E+00	6.16E+00	1.39E+00	7.96E+00	8.33E+00	-1.39E+00	1.50E+01	1.72E+01	
	017	53.4	-40.9	4/15/2011	11:37	-5.87E+01	3.96E+02	4.80E+02	-1.18E-02	1.60E+00	2.04E+00	2.17E+00	9.90E+00	1.14E+01	-1.11E+00	8.68E+00	8.95E+00	-1.06E+00	1.43E+01	1.66E+01	
	018	53.4	-40.9	8/10/2011	11:45	5.16E+02	2.70E+02	1.99E+02	1.18E+00	1.39E+00	1.45E+00	5.77E-01	1.34E+01	8.78E+00	-5.16E-01	1.07E+01	1.15E+01	NA	NA	NA	
	019	53.4	-40.9	12/2/2011	11:46	2.65E+02	3.30E+02	3.33E+02	9.60E-02	1.69E+00	1.97E+00	4.62E-01	4.68E+00	5.62E+00	-9.95E-01	4.83E+00	5.65E+00	NA	NA	NA	
MW-60-72	001	72.4	-59.9	5/8/2007	12:17	-9.26E+00	1.52E+02	1.82E+02	2.87E-01	8.13E-01	9.71E-01	1.61E+00	4.72E+00	3.33E+00	9.40E-01	3.21E+00	3.82E+00	8.28E-01	1.69E+01	1.97E+01	MW-60-72
	002	72.4	-59.9	7/27/2007	13:22	1.10E+02	1.64E+02	1.81E+02	-3.27E-01	4.92E-01	5.76E-01	4.79E-01	3.96E+00	4.51E+00	-1.10E+00	3.94E+00	4.17E+00	NA	NA	NA	
	003	72.4	-59.9	10/9/2007	14:15	1.24E+02	1.43E+02	1.54E+02	1.64E-01	6.00E-01	7.12E-01	7.48E-01	3.78E+00	4.27E+00	6.12E-01	3.76E+00	4.33E+00	NA	NA	NA	
	004	72.4	-59.9	1/14/2008	14:12	1.36E+02	1.65E+02	1.78E+02	1.58E-01	5.93E-01	7.23E-01	5.42E-03	3.33E+00	3.56E+00	8.47E-01	2.97E+00	3.54E+00	NA	NA	NA	
	005	72.4	-59.9	4/24/2008	12:20	1.65E+02	1.17E+02	1.93E+02	3.08E-01	4.82E-01	8.38E-01	-5.33E-01	2.37E+00	3.92E+00	1.80E-01	2.23E+00	3.75E+00	NA	NA	NA	
	006	72.4	-59.9	7/30/2008	13:25	8.27E+01	9.69E+01	1.63E+02	1.73E-01	1.41E-01	2.33E-01	-8.79E-01	2.39E+00	3.91E+00	-1.11E+00	2.47E+00	3.96E+00	NA	NA	NA	
	007	72.4	-59.9	11/5/2008	14:58	1.94E+02	1.64E+02	1.78E+02	2.09E-01	6.54E-01	7.78E-01	-9.53E-01	5.68E+00	6.09E+00	-1.43E+00	5.36E+00	5.64E+00	NA	NA	NA	
	008	72.4	-59.9	2/9/2009	11:25	1.67E+02	1.55E+02	1.69E+02	-4.16E-01	7.19E-01	9.60E-01	-6.54E-01	3.00E+00	3.30E+00	7.83E-01	3.09E+00	3.69E+00	-9.25E+00	2.24E+01	2.66E+01	
	009	72.4	-59.9	5/5/2009	10:32	1.57E+02	1.67E+02	1.75E+02	6.32E-02	6.66E-01	7.71E-01	2.29E+00	1.10E+01	7.32E+00	1.75E+00	6.02E+00	7.24E+00	NA	NA	NA	
	010	72.4	-59.9	8/11/2009	10:40	1.73E+02	1.55E+02	1.69E+02	6.31E-02	5.38E-01	6.80E-01	2.68E+00	3.88E+00	4.62E+00	4.36E+00	6.15E+00	5.86E+00	-2.42E+00	1.76E+01	2.04E+01	
	011	72.4	-59.9	10/30/2009	11:08	1.73E+02	1.48E+02	1.61E+02	4.02E-02	3.89E-01	4.83E-01	-3.13E+00	5.89E+00	5.96E+00	2.57E+00	7.02E+00	8.35E+00	NA	NA	NA	
	012	72.4	-59.9	2/25/2010	11:31	1.27E+02	1.58E+02	1.74E+02	-5.98E-02	5.52E-01	7.30E-01	-6.83E+00	8.12E+00	7.73E+00	-1.09E+00	4.88E+00	5.26E+00	-4.85E+00	1.94E+01	2.26E+01	
	013	72.4	-59.9	5/10/2010	12:11	3.01E+02	1.52E+02	1.40E+02	1.57E-02	5.49E-01	7.10E-01	-3.66E+00	1.29E+01	1.58E+01	-7.77E+00	1.16E+01	1.10E+01	-6.97E+00	2.07E+01	2.41E+01	
	014	72.4	-59.9	8/17/2010	11:59	2.33E+01	1.23E+02	1.44E+02	1.97E-01	5.90E-01	6.91E-01	-5.91E-01	5.40E+00	6.06E+00	-1.59E+00	6.08E+00	6.57E+00	1.19E+00	2.04E+01	2.37E+01	
	015	72.4	-59.9	11/16/2010	13:17	-2.51E+01	1.68E+02	3.98E+02	5.83E-02	5.15E-01	1.33E+00	2.12E+00	5.34E+00	1.26E+01	-3.92E+00	5.67E+00	1.09E+01	-1.14E+01	8.32E+00	1.89E+01	
	016	72.4	-59.9	2/10/2011	12:54	3.64E+02	3.76E+02	3.84E+02	2.41E-01	1.45E+00	1.70E+00	-5.10E-02	9.12E+00	1.01E+01	2.27E+00	8.84E+00	1.07E+01	2.12E+00	1.54E+01	1.75E+01	
	017	72.4	-59.9	4/15/2011	13:12	2.19E+02	3.78E+02	4.13E+02	7.12E-01	1.72E+00	1.97E+00	-5.14E+00	6.54E+00	5.80E+00	-3.30E+00	1.14E+01	1.14E+01	-2.93E+00	1.39E+01	1.63E+01	
	018	72.4	-59.9	8/10/2011	13:25	2.91E+02	2.23E+02	1.95E+02	1.22E-01	9.33E-01	1.14E+00	-4.08E+00	9.63E+00	1.00E+01	4.20E+00	8.40E+00	1.06E+01	NA	NA	NA	
	019	72.4	-59.9	12/2/2011	10:01	3.08E+02	3.75E+02	4.01E+02	8.41E-01	1.73E+00	1.93E+00	-2.19E+00	6.99E+00	8.20E+00	-1.72E+00	8.28E+00	1.01E+01	NA	NA	NA	
MW-60-135	001	134.9	-122.4	5/8/2007	12:03	2.54E+01	1.55E+02	1.81E+02	3.35E-01	6.77E-01	7.74E-01	-1.05E+00	3.50E+00	3.08E+00	1.74E-01	3.12E+00	3.52E+00	4.54E+00	1.77E+01	2.02E+01	MW-60-135
	002	134.9	-122.4	7/27/2007	16:00	3.92E+02	2.03E+02	1.81E+02	-2.13E-01	3.09E-01	4.69E-01	2.78E-02	2.70E+00	3.07E+00	1.78E-01	2.63E+00	3.04E+00	NA	NA	NA	
	003	134.9	-122.4	10/9/2007	14:20	5.20E+02	1.83E+02	1.50E+02	-2.59E-01	4.46E-01	6.31E-01	-1.55E+00	3.40E+00	3.52E+00	-8.88E-02	3.57E+00	3.94E+00	NA	NA	NA	
	004	134.9	-122.4	1/14/2008	14:19	3.79E+02	1.89E+02	1.74E+02	-1.70E-01	6.17E-01	8.52E-01	-1.33E+00	3.14E+00	3.25E+00	4.22E-01	3.17E+00	3.59E+00	NA	NA	NA	
	005	134.9	-122.4	4/24/2008	12:31	5.85E+02	1.33E+02	1.93E+02	-1.98E-02	3.17E-01	6.59E-01	1.16E+00	2.24E+00	3.93E+00	-1.70E+00	2.67E+00	3.93E+00	NA	NA	NA	
	006	134.9	-122.4	7/30/2008	13:33	4.91E+02	1.42E+02	1.91E+02	1.70E-01	3.44E-01	6.18E-01	-4.68E-01	1.79E+00	2.88E+00	1.43E+00	2.00E+00	3.61E+00	NA	NA	NA	
	007	134.9	-122.4	11/6/2008	10:49	4.25E+02	2.01E+02	1.99E+02	-1.71E-01	5.01E-01	7.18E-01	-2.18E-02	5.71E+00	6.40E+00	-3.93E+00	6.25E+00	5.99E+00	NA	NA	NA	
	008	134.9	-122.4	2/9/2009	12:04	3.83E+02	1.67E+02	1.69E+02	5.52E-01	5.96E-01	6.39E-01	1.42E+00	2.96E+00	3.48E+00	4.24E-01	3.05E+00	3.35E+00	3.74E+00	2.27E+01	2.58E+01	
	009	134.9	-122.4	5/5/2009	10:54	3.17E+02	1.85E+02	1.71E+02	-1.77E-01	6.12E-01	7.45E-01	-3.22E+00	1.31E+01	8.76E+00	3.12E-01	6.81E+00	7.64E+00	NA	NA	NA	
	010	134.9	-122.4	8/11/2009	10:52	3.46E+02	1.64E+02	1.69E+02	4.65E-01	5.88E-01	6.16E-01	1.76E+00	3.36E+00	4.03E+00	4.56E-01	3.51E+00	3.93E+00	-3.72E+00	1.77E+01	2.07E+01	
	011	134.9	-122.4	10/30/2009	10:55	3.17E+02	1.55E+02	1.61E+02	-1.77E-01	5.93E-01	7.61E-01	1.75E+00	6.83E+00	7.81E+00	-2.32E+00	6.58E+00	6.63E+00	NA	NA	NA	
	012	134.9	-122.4	2/25/2010	11:43	3.14E+02	1.68E+02	1.75E+02	1.21E-01	5.95E-01	7.32E-01	6.09E-01	4.11E+00	4.72E+00	-5.16E+00	7.25E+00	5.27E+00	-1.29E+00	1.89E+01	2.18E+01	
	013	134.9	-122.4	5/10/2010	12:21	4.18E+02	1.80E+02	1.65E+02	-9.46E-02	6.05E-01	8.55E-01	1.55E+00	7.70E+00	9.03E+00	6.68E-03	8.37E+00	9.36E+00	-8.62E+00	2.04E+01	2.38E+01	
	014	134.9	-122.4	8/17/2010	12:09	1.87E+02	1.39E+02	1.43E+02	-2.74E-01	5.38E-01	7.27E-01	-3.46E+00	8.41E+00	9.07E+00	-1.52E+00	6.30E+00	6.70E+00	8.77E-01	2.11E+01	2.45E+01	
	015	134.9	-122.4	11/16/2010	13:22	2.41E+02	1.82E+02	3.96E+02	-4.96E-02	7.62E-01	1.88E+00	9.16E-01	5.37E+00	1.20E+01	1.02E+00	4.53E+00	1.03E+01	8.67E-01	8.52E+00	1.90E+01	
	016	134.9	-122.4	2/10/2011	13:04	3.98E+02	3.78E+02	3.83E+02	1.14E+00	1.82E+00	1.98E+00	1.72E+00	6.72E+00	7.79E+00	2.24E-01	7.44E+00	8.25E+00	-3.56E+00	1.52E+01	1.76E+01	
	017	134.9	-122.4	4/15/2011	13:25	4.14E+02	4.02E+02	4.12E+02	6.52E-01	1.90E+00	2.16E+00	-6.83E+00	1.39E+01	1.63E+01	-2.48E+00	9.86E+00	1.01E+01	4.64E+00	1.47E+01	1.65E+01	
	018	134.9	-122.4	8/10/2011	13:51	4.00E+02	2.46E+02	1.96E+02	-2.08E-01	9.78E-01	1.25E+00	-7.37E+00	9.39E+00	8.24E+00	-6.27E+00	1.07E+01	9.07E+00	NA	NA	NA	
	019	134.9	-122.4	12/2/2011	10:10	3.05E+02	3.81E+02	4.08E+02	-1.48E-01	1.62E+00	1.97E+00	-1.37E-02	7.68E+00	9.43E+00	2.05E+00	8.28E+00	1.13E+01	NA	NA	NA	
MW-60-154	001	154.4	-141.9	5/8/2007	12:33	4.13E+01	1.55E+02	1.80E+02	3.06E-01	8.13E-01	9.50E-01	1.97E-01	3.46E+00	3.86E+00	1.46E+00	3.75E+00	4.46E+00	5.52E-01	1.68E+01	1.97E+01	MW-60-154

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-60-154	002	154.4	-141.9	7/27/2007	16:18	4.62E+02	2.09E+02	1.79E+02	-1.53E-01	3.46E-01	4.09E-01	8.09E-01	4.23E+00	4.60E+00	3.74E+00	2.42E+00	3.80E+00	NA	NA	NA	MW-60-154
	003	154.4	-141.9	10/9/2007	14:23	5.80E+02	1.88E+02	1.50E+02	-1.92E-02	4.98E-01	6.33E-01	-1.63E+00	3.50E+00	3.68E+00	2.20E-01	3.30E+00	3.76E+00	NA	NA	NA	
	004	154.4	-141.9	1/14/2008	12:35	5.59E+02	2.13E+02	1.79E+02	1.10E+00	1.17E+00	1.24E+00	1.59E+00	3.84E+00	4.46E+00	2.92E-01	4.35E+00	4.82E+00	NA	NA	NA	
	005	154.4	-141.9	4/24/2008	12:36	4.53E+02	1.28E+02	1.94E+02	-2.44E-01	3.65E-01	7.77E-01	-1.25E+00	2.37E+00	3.69E+00	1.29E+00	2.06E+00	3.79E+00	NA	NA	NA	
	006	154.4	-141.9	7/30/2008	13:35	5.16E+02	1.44E+02	1.91E+02	5.10E-01	2.50E-01	3.30E-01	-8.80E-01	2.67E+00	3.58E+00	4.30E-01	1.89E+00	3.25E+00	NA	NA	NA	
	007	154.4	-141.9	11/6/2008	11:19	6.87E+02	4.16E+02	3.86E+02	4.32E-01	6.57E-01	7.19E-01	2.47E+00	4.96E+00	5.91E+00	5.49E-01	5.87E+00	6.61E+00	NA	NA	NA	
	008	154.4	-141.9	2/9/2009	12:23	4.15E+02	1.65E+02	1.67E+02	4.63E-01	7.98E-01	8.96E-01	7.14E-01	3.02E+00	3.45E+00	1.01E+00	3.54E+00	4.13E+00	-3.74E+00	2.09E+01	2.42E+01	
	009	154.4	-141.9	5/5/2009	11:15	4.39E+02	2.01E+02	1.72E+02	7.36E-02	5.70E-01	6.88E-01	-2.52E-01	6.89E+00	4.59E+00	-1.47E+00	5.07E+00	5.42E+00	NA	NA	NA	
	010	154.4	-141.9	8/11/2009	11:14	5.13E+02	1.71E+02	1.69E+02	-3.52E-01	7.18E-01	9.69E-01	-3.93E-01	5.04E+00	5.67E+00	-2.99E+00	6.06E+00	5.34E+00	1.97E+00	1.80E+01	2.08E+01	
	011	154.4	-141.9	10/30/2009	10:56	4.09E+02	1.59E+02	1.61E+02	4.48E-01	8.40E-01	9.50E-01	1.34E+01	7.70E+00	6.69E+00	-1.32E-01	6.27E+00	7.01E+00	NA	NA	NA	
	012	154.4	-141.9	2/25/2010	11:45	3.78E+02	1.71E+02	1.74E+02	1.97E-01	6.63E-01	7.90E-01	1.32E+00	4.72E+00	5.42E+00	-4.38E-04	4.86E+00	5.45E+00	-1.32E+01	1.84E+01	2.19E+01	
	013	154.4	-141.9	5/10/2010	12:32	4.38E+02	1.85E+02	1.69E+02	3.52E-01	6.25E-01	7.01E-01	-1.33E+00	8.40E+00	9.22E+00	1.61E-01	7.65E+00	8.61E+00	-5.15E+00	2.13E+01	2.46E+01	
	014	154.4	-141.9	8/17/2010	12:18	2.93E+02	1.50E+02	1.45E+02	-2.33E-01	5.00E-01	6.61E-01	-4.41E-01	6.04E+00	6.67E+00	1.95E+00	6.78E+00	8.02E+00	-1.16E+00	2.13E+01	2.48E+01	
	015	154.4	-141.9	11/16/2010	13:40	4.68E+02	1.94E+02	3.98E+02	3.29E-01	8.30E-01	1.94E+00	-5.28E+00	4.02E+00	7.52E+00	-2.29E-01	5.09E+00	1.11E+01	-4.54E+00	7.93E+00	1.78E+01	
	016	154.4	-141.9	2/10/2011	12:53	5.44E+02	4.02E+02	3.87E+02	2.32E-02	8.50E-01	1.07E+00	-4.12E+00	9.26E+00	8.97E+00	9.91E-01	7.86E+00	9.12E+00	4.61E+00	1.52E+01	1.71E+01	
	017	154.4	-141.9	4/15/2011	13:19	3.06E+02	3.96E+02	4.21E+02	-4.20E-01	1.53E+00	2.02E+00	-2.09E+00	7.62E+00	7.82E+00	-7.25E-01	6.50E+00	6.79E+00	1.62E+00	1.44E+01	1.64E+01	
	018	154.4	-141.9	8/10/2011	13:22	5.89E+02	2.81E+02	1.97E+02	-5.08E-02	1.13E+00	1.40E+00	-1.03E+00	8.01E+00	8.47E+00	2.98E+00	9.03E+00	1.07E+01	NA	NA	NA	
	019	154.4	-141.9	12/2/2011	10:18	6.27E+02	5.22E+02	5.23E+02	-1.97E-01	1.54E+00	1.96E+00	1.25E+00	9.33E+00	1.17E+01	-3.69E+00	1.00E+01	1.13E+01	NA	NA	NA	
MW-60-176	001	175.9	-163.4	5/8/2007	15:16	5.30E+02	2.01E+02	1.80E+02	6.88E-02	5.66E-01	7.29E-01	3.49E-01	4.54E+00	4.38E+00	1.14E+00	3.90E+00	3.98E+00	7.69E+00	1.73E+01	1.96E+01	MW-60-176
	002	175.9	-163.4	7/27/2007	17:35	8.49E+02	2.49E+02	1.78E+02	-4.60E-01	5.84E-01	7.87E-01	2.00E+00	3.29E+00	4.00E+00	-1.76E+00	3.15E+00	3.03E+00	NA	NA	NA	
	003	175.9	-163.4	10/9/2007	14:57	7.02E+02	2.01E+02	1.53E+02	-5.93E-02	5.11E-01	6.64E-01	-2.68E-01	2.63E+00	2.85E+00	3.91E-01	2.71E+00	3.09E+00	NA	NA	NA	
	004	175.9	-163.4	1/14/2008	12:25	6.68E+02	2.25E+02	1.83E+02	-7.68E-02	7.89E-01	1.04E+00	2.22E-01	3.99E+00	4.52E+00	5.49E-01	3.54E+00	4.09E+00	NA	NA	NA	
	005	175.9	-163.4	4/24/2008	13:10	7.77E+02	2.04E+02	2.73E+02	2.68E-01	4.91E-01	8.54E-01	-1.81E+00	2.70E+00	4.00E+00	-9.94E-01	2.53E+00	3.95E+00	NA	NA	NA	
	006	175.9	-163.4	7/30/2008	14:08	8.95E+02	1.67E+02	1.91E+02	-2.08E-02	2.96E-01	5.88E-01	-3.15E-01	2.12E+00	3.44E+00	-2.05E-01	2.03E+00	3.34E+00	NA	NA	NA	
	007	175.9	-163.4	11/6/2008	11:55	8.32E+02	4.35E+02	3.86E+02	2.17E-01	4.71E-01	5.45E-01	-2.63E+00	5.09E+00	5.07E+00	-1.06E-01	5.66E+00	6.33E+00	NA	NA	NA	
	008	175.9	-163.4	2/9/2009	13:08	9.16E+02	1.91E+02	1.70E+02	4.25E-01	6.80E-01	7.58E-01	-2.42E-01	3.27E+00	3.56E+00	5.10E-01	3.29E+00	3.74E+00	-1.22E+01	2.06E+01	2.44E+01	
	009	175.9	-163.4	5/5/2009	11:18	1.04E+03	2.64E+02	1.72E+02	2.40E-01	6.00E-01	6.90E-01	-4.10E+00	8.45E+00	5.63E+00	1.23E+00	5.69E+00	6.59E+00	NA	NA	NA	
	010	175.9	-163.4	8/11/2009	11:49	1.03E+03	1.94E+02	1.69E+02	-2.36E-02	3.44E-01	4.63E-01	1.75E+00	4.84E+00	5.71E+00	2.25E+00	4.89E+00	5.91E+00	-2.65E+00	1.77E+01	2.07E+01	
	011	175.9	-163.4	10/30/2009	11:26	1.02E+03	1.83E+02	1.61E+02	-2.27E-01	4.68E-01	6.97E-01	8.58E-01	5.25E+00	5.95E+00	2.31E+00	5.37E+00	6.52E+00	NA	NA	NA	
	012	175.9	-163.4	2/25/2010	12:24	9.90E+02	2.01E+02	1.74E+02	7.56E-02	3.36E-01	4.10E-01	2.82E+00	6.03E+00	6.92E+00	-3.93E-01	7.93E+00	7.20E+00	-1.79E+00	1.99E+01	2.30E+01	
	013	175.9	-163.4	5/10/2010	13:29	9.93E+02	2.24E+02	1.63E+02	-3.09E-01	4.52E-01	6.99E-01	-5.66E-01	8.13E+00	9.07E+00	9.92E-01	8.25E+00	9.76E+00	0.00E+00	2.04E+01	2.34E+01	
	014	175.9	-163.4	8/17/2010	12:51	8.13E+02	1.91E+02	1.44E+02	-6.59E-01	6.48E-01	9.01E-01	1.23E-01	6.43E+00	7.32E+00	1.35E+00	5.80E+00	6.97E+00	0.00E+00	2.13E+01	2.48E+01	
	015	175.9	-163.4	11/16/2010	14:06	8.33E+02	2.10E+02	3.97E+02	9.07E-01	9.42E-01	2.10E+00	-1.97E+00	4.38E+00	9.04E+00	2.85E+00	4.70E+00	1.12E+01	-6.40E+00	7.91E+00	1.78E+01	
	016	175.9	-163.4	2/10/2011	10:31	1.12E+03	4.68E+02	3.85E+02	2.58E-01	1.49E+00	1.74E+00	4.88E+00	1.13E+01	6.69E+00	-1.75E+00	6.70E+00	6.74E+00	7.24E+00	1.62E+01	1.79E+01	
	017	175.9	-163.4	4/15/2011	13:49	8.99E+02	4.66E+02	4.18E+02	-8.29E-01	1.41E+00	2.10E+00	-7.83E-02	9.90E+00	1.10E+01	-2.35E+00	1.02E+01	1.03E+01	-2.40E-01	1.40E+01	1.62E+01	
	018	175.9	-163.4	8/10/2011	14:12	9.72E+02	3.42E+02	2.00E+02	-1.79E-01	9.21E-01	1.22E+00	-3.87E+00	7.74E+00	7.27E+00	-1.71E-01	8.91E+00	9.60E+00	NA	NA	NA	
	019	175.9	-163.4	12/2/2011	10:27	1.30E+03	5.97E+02	5.19E+02	-1.37E+00	1.41E+00	1.95E+00	7.24E-01	9.60E+00	1.20E+01	1.35E+00	1.01E+01	1.36E+01	NA	NA	NA	
MW-62-18	001	13.5	1.2	5/17/2007	13:10	4.52E+02	1.83E+02	1.55E+02	2.98E-02	5.53E-01	7.27E-01	-5.10E-01	2.61E+00	2.89E+00	1.00E-01	2.79E+00	3.19E+00	4.61E+00	1.52E+01	1.74E+01	MW-62-18
	002	13.5	1.2	7/26/2007	15:45	5.08E+02	2.13E+02	1.78E+02	4.68E-01	4.93E-01	5.35E-01	9.04E-01	3.75E+00	4.35E+00	-2.80E+00	4.88E+00	3.80E+00	NA	NA	NA	
	003	13.5	1.2	10/10/2007	13:50	3.76E+02	1.73E+02	1.55E+02	1.80E+00	6.67E-01	4.87E-01	0.00E+00	3.39E+00	1.87E+00	-7.14E-02	1.71E+00	1.92E+00	NA	NA	NA	
	004	13.5	1.2	1/31/2008	15:15	3.50E+02	1.34E+02	1.34E+02	4.95E-01	7.55E-01	8.27E-01	1.18E+00	4.23E+00	4.46E+00	5.24E-01	3.38E+00	3.96E+00	NA	NA	NA	
	006	13.5	1.2	8/6/2008	12:55	2.69E+02	1.41E+02	2.25E+02	5.31E-01	3.30E-01	4.89E-01	9.69E-02	1.67E+00	2.82E+00	-1.26E-01	1.99E+00	3.33E+00	NA	NA	NA	
	007	13.5	1.2	10/29/2008	13:20	4.08E+02	1.65E+02	1.66E+02	5.23E-01	6.03E-01	6.37E-01	-3.09E-02	5.10E+00	5.60E+00	-3.91E+00	5.25E+00	4.70E+00	NA	NA	NA	
	008	13.5	1.2	1/23/2009	11:55	4.64E+02	1.39E+02	1.07E+02	1.09E+00	6.47E-01	6.00E-01	9.88E-01	2.55E+00	3.06E+00	-3.42E-01	2.48E+00	2.74E+00	NA	NA	NA	
	009	13.5	1.2	4/15/2009	13:18	4.56E+02	1.85E+02	1.36E+02	1.76E-01	5.99E-01	7.14E-01	-3.54E-01	5.81E+00	3.87E+00	1.91E+00	3.29E+00	4.20E+00	-1.88E+00	1.86E+01	2.17E+01	
	010	13.5	1.2	7/22/2009	14:24	2.36E+02	2.16E+02	2.29E+02	1.04E-01	6.42E-01	7.94E-01	-8.49E-01	2.94E+00	3.08E+00	-2.70E+00	3.66E+00	3.28E+00	NA	NA	NA	
	011	13.5	1.2	11/12/2009	15:36	2.83E+02	1.13E+02	1.05E+02	3.30E-01	7.05E-01	8.04E-01	-1.84E+00	6.40E+00	5.80E+00	-4.63E+00	7.20E+00	6.68E+00	NA	NA	NA	
	012	13.5	1.2	2/9/2010	15:19	2.87E+02	1.88E+02	1.98E+02	5.26E-01	6.40E-01	6.64E-01	-1.57E+00	5.87E+00	6.19E+00	-2.90E+00	7.82E+00	7.61E+00	NA	NA	NA	
	013	13.5	1.2	4/13/2010	15:17	2.04E+02	1.34E+02	1.42E+02	2.74E-02	6.16E-01	7.97E-01	-1.48E+00	4.05E+00	4.37E+00	6.69E-01	5.38E+00	4.96E+00	NA	NA	NA	
	014	13.5	1.2	8/3/2010	13:00	1.14E+02	1.32E+02	1.44E+02	6.60E-01	6.55E-01	6.80E-01	3.08E+00	8.40E+00	1.03E+01	5.07E+00	1.02E+01	1.32E+01	NA	NA	NA	
	015	13.5	1.2	11/9/2010	11:57	7.48E+01	1.71E+02	3.86E+02	-1.05E-02	6.10E-01	1.54E+00	2.87E+00	4.59E+00	1.07E+01	-6.86E-01	4.79E+00	1.01E+01	NA	NA	NA	
	016	13.5	1.2	2/24/2011	12:49	1.81E+02	3.60E+02	4.00E+02	-3.86E-01	1.71E+00	2.13E+00	2.12E-01	4.74E+00	5.18E+00	3.58E+00	5.46E+00	6.78E+00	NA	NA	NA	
	017	13.5	1.2	4/13/2011	11:58	3.25E+02	4.56E+02	4.92E+02	7.82E-01	1.54E+00	1.71E+00	-4.38E+00	1.00E+01	1.09E+01	-4.07E-01	1.06E+01	1.16E+01	NA	NA	NA	
	018	13.5	1.2	7/22/2011	11:35	2.00E+02	4.02E+02	4.45E+02	1.26E+00	1.24E+00	1.25E+00	4.94E+00	9.42E+00	1.14E+01	-1.79E+00	1.05E+01	1.08E+01	-3.83E+00	1.96E+01	2.20E+01	
	019	13.5	1.2	8/3/2011	10:18	4.04E+02	3.39E+02	3.53E+02	2.03E-01	1.37E+00	1.74E+00	-1.12E+00	8.70E+00	9.13E+00	4.76E+00	9.81E+00	1.21E+01	NA	NA	NA	
	020	13.5	1.2	10/21/2011	10:14	6.50E+02	3.54E+02	3.45E+02	-1.09E+00	1.66E+00	2.27E+00	-1.19E+00	6.87E+00	8.28E+00	-8.37E-01	8.82E+00	1.11E+01	NA	NA	NA	
MW-62-37	001	34.5	-19.8	5/17/2007	11:10	2.97E+02	1.70E+02	1.59E+02	3.30E-01	8.28E-01	9.66E-01	9.81E-01	2.00E+00	2.37E+00	-1.12E+00	2.25E+00	2.31E+00	1.01E+01	1.81E+01	2.04E+01	MW-62-37
	002	34.5	-19.8	7/26/2007	15:35	2.50E+02	1.79E+02	1.75E+02	-2.57E-01	4.14E-01	5.18E-01	-6.88E-02	2.64E+00	2.94E+00	-4.23E-01	2.60E+00	2.81E+00	NA	NA	NA	
	003	34.5	-19.8	10/10/2007	14:50	3.02E+02	1.58E+02	1.47E+02	-1.67E-01	4.44E-01	6.10E-01	2.12E-01	1.81E+00	2.02E+00	-7.67E-01	1.74E+00	1.83E+00	NA	NA	NA	
	004	34.5	-19.8	1/10/2008	13:55	3.97E+02	1.68E+02	1.71E+02	1.34E-01	6.05E-01	7.24E-01	8.35E-01	4.43E+00	4.62E+00	-2.10E-01	3.87E+00	4.19E+00	NA	NA	NA	
	006	34.5	-19.8	8/6/2008	12:00	3.94E+02	1.19E+02	1.45E+02	2.23E-01	2.69E-01	4.54E-01	-2.55E+00	1.52E+00	2.06E+00	-1.08E+00	1.56E+00	2.38E+00	NA	NA	NA	
	007	34.5	-19.8	10/29/2008	13:57	5.35E+02	1.71E+02	1.66E+02	1.36E+00	6.57E-01	5.24E-01	4.20E-01	4.77E+00	5.33E+00	-2.20E+00	5.19E+00	5.20E+00	NA	NA	NA	
	008	34.5	-19.8	1/23/2009	12:20	4.87E+02	1.42E+02	1.08E+02	1.28E-01	7.41E-01	9.02E-01	-7.69E-01	3.12E+00	3.43E+00	-6.49E-01	3.14E+00	3.36E+00	NA	NA	NA	
	009	34.5	-19.8	4/15/2009	13:13	4.39E+02	1.82E+02	1.35E+02	-3.16E-01	6.68E-01	8.49E-01	-1.73E-01	5.94E+00	3.96E+00	-6.46E-01	4.44E+00	4.81E+00	-1.65E+01	1.74E+01	2.14E+01	
	010	34.5	-19.8	7/22/2009	16:02	2.82E+02	2.22E+02	2.30E+02	-3.68E-01	6.77E-01	8.81E-01	-1.79E+00	3.66E+00	3.82E+00	-1.61E+00	3.56E+00	3.57E+00	NA	NA	NA	
	011	34.5	-19.8	11/12/2009	15:27	2.17E+02	1.07E+02	1.05E+02	-3.41E-01	7.05E-01	8.68E-01	-8.33E+00	1.00E+01	1.01E+01	-1.08E+00	7.15E+00	7.72E+00	NA	NA	NA	
	012	34.5	-19.8	2/9/2010	15:40	3.93E+02	1.95E+02	1.98E+02	-1.80E-01	4.98E-01	6.66E-01	-2.99E+00	4.96E+00	4.83E+00	-2.54E-01	5.97E+00	6.51E+00	NA	NA	NA	
	013	34.5	-19.8	4/13/2010	15:22	2.59E+02	2.07E+02	2.26E+02	5.46E-01	7.33E-01	7.81E-01	-2.42E+00	3.86E+00	4.07E+00	1.34E+00	4.04E+00	4.80E+00	NA	NA	NA	
	014	34.5	-19.8	8/3/2010	12:52	1.91E+02	1.43E+02	1.47E+02	-1.52E-02	5.47E-01	6.85E-01	-9.69E-01	8.78E+00	9.70E+00	-5.33E+00	9.12E+00	7.92E+00	NA	NA	NA	
	015	34.5	-19.8	11/9/2010	11:56	6.09E+01	1.70E+02	3.85E+02	7.62E-01	6.69E-01	1.47E+00	-8.46E-02	4.49E+00	9.91E+00	3.83E+00	4.28E+00	1.07E+01	NA	NA	NA	
	016	34.5	-19.8	2/24/2011	12:52	3.05E+02	3.76E+02	4.00E+02	5.14E-01	1.84E+00	2.13E+00	1.07E+00	6.06E+00	6.86E+00	-2.84E+00	6.38E+00	6.28E+00	NA	NA	NA	
	017	34.5	-19.8	4/13/2011	12:10	1.56E+02	4.36E+02	4.91E+02	-1.97E-01	1.08E+00	1.37E+00	-4.48E+00	8.32E+00	7.76E+00	-1.68E+00	9.02E+00	9.05E+00	NA	NA	NA	
	018	34.5	-19.8	7/22/2011	12:28	1.15E+02	3.90E+02	4.42E+02	1.03E+00	1.60E+00	1.73E+00	-3.64E+00	7.95E+00	8.03E+00	2.96E+00	1.10E+01	1.30E+01	-8.92E+00	1.85E+01	2.09E+01	
	019	34.5	-19.8	8/3/2011	10:35	3.09E+02	3.33E+02	3.52E+02	1.23E+00	1.81E+00	1.96E+00	3.02E+00	6.69E+00	8.03E+00	2.71E+00	8.55E+00	1.01E+01	NA	NA	NA	
	020	34.5	-19.8	10/21/2011	10:02	3.74E+02	3.33E+02	3.47E+02	-3.24E-01	1.60E+00	2.05E+00	5.93E-01	8.19E+00	9.98E+00	-1.66E+00	8.07E+00	9.72E+00	NA	NA	NA	
MW-62-53	001	53.1	-40.3	5/10/2007	15:00	3.93E+02	1.91E+02	1.72E+02	4.41E-01	7.97E-01	8.96E-01	6.50E-01	3.40E+00	3.86E+00	-9.12E-01	3.52E+00	3.74E+00	-5.00E+00	1.40E+01	1.68E+01	MW-62-53

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-62-53	002	53.1	-40.3	7/26/2007	15:34	3.45E+02	1.94E+02	1.78E+02	3.56E-01	6.98E-01	7.85E-01	0.00E+00	4.62E+00	2.53E+00	-8.44E-01	2.77E+00	2.45E+00	NA	NA	NA	MW-62-53
	003	53.1	-40.3	1/10/2008	15:37	3.48E+02	1.67E+02	1.71E+02	4.45E-02	6.72E-01	8.15E-01	-7.91E-01	2.75E+00	2.93E+00	7.68E-01	2.88E+00	3.43E+00	NA	NA	NA	
	005	53.1	-40.3	8/6/2008	12:35	3.52E+02	1.54E+02	2.41E+02	9.52E-03	2.54E-01	4.95E-01	1.38E+00	2.24E+00	3.98E+00	3.02E-01	2.30E+00	3.87E+00	NA	NA	NA	
	006	53.1	-40.3	10/29/2008	13:51	4.08E+02	1.67E+02	1.67E+02	6.63E-02	3.87E-01	4.94E-01	-3.99E-01	5.85E+00	6.51E+00	-2.87E+00	8.09E+00	7.19E+00	NA	NA	NA	
	007	53.1	-40.3	1/23/2009	12:44	3.56E+02	2.16E+02	2.08E+02	4.53E-01	7.68E-01	8.60E-01	2.27E-01	3.30E+00	3.77E+00	-1.27E+00	3.56E+00	3.71E+00	NA	NA	NA	
	008	53.1	-40.3	4/15/2009	13:29	4.33E+02	1.82E+02	1.36E+02	-5.89E-01	6.65E-01	9.09E-01	-4.92E-01	5.30E+00	3.53E+00	2.83E-01	2.82E+00	3.31E+00	-6.14E+00	1.79E+01	2.12E+01	
	009	53.1	-40.3	7/22/2009	14:01	2.40E+02	2.21E+02	2.33E+02	7.09E-01	7.95E-01	8.34E-01	3.00E-02	3.13E+00	3.55E+00	3.78E-01	3.24E+00	3.73E+00	NA	NA	NA	
	010	53.1	-40.3	11/12/2009	13:38	2.81E+02	1.09E+02	1.01E+02	3.54E-01	6.45E-01	7.27E-01	2.51E-01	2.88E+00	3.32E+00	-6.92E-01	3.25E+00	3.51E+00	NA	NA	NA	
	011	53.1	-40.3	2/9/2010	14:00	3.46E+02	1.92E+02	1.98E+02	-1.50E-01	4.35E-01	6.61E-01	-9.19E-01	5.87E+00	6.39E+00	1.34E+00	6.06E+00	7.13E+00	NA	NA	NA	
	012	53.1	-40.3	4/13/2010	15:27	3.25E+02	1.44E+02	1.47E+02	-1.84E-02	5.67E-01	7.67E-01	1.33E+00	3.35E+00	3.87E+00	-1.52E+00	5.03E+00	4.08E+00	NA	NA	NA	
	013	53.1	-40.3	8/3/2010	12:20	1.59E+02	1.40E+02	1.47E+02	3.13E-01	5.61E-01	6.32E-01	2.99E+00	1.11E+01	1.33E+01	2.39E-01	7.18E+00	8.24E+00	NA	NA	NA	
	014	53.1	-40.3	11/9/2010	12:49	2.05E+02	1.77E+02	3.88E+02	8.32E-02	6.79E-01	1.59E+00	-4.23E+00	4.83E+00	9.52E+00	-2.68E+00	5.26E+00	1.04E+01	NA	NA	NA	
	015	53.1	-40.3	2/24/2011	12:57	3.08E+02	3.78E+02	4.03E+02	8.98E-01	1.94E+00	2.18E+00	-2.62E-01	4.72E+00	5.23E+00	-1.84E+00	5.58E+00	5.81E+00	NA	NA	NA	
	016	53.1	-40.3	4/13/2011	11:32	1.57E+02	4.36E+02	4.92E+02	1.72E+00	1.79E+00	1.84E+00	5.42E-01	6.78E+00	7.51E+00	-3.00E-01	6.24E+00	6.58E+00	NA	NA	NA	
	017	53.1	-40.3	7/22/2011	10:47	1.60E+02	3.96E+02	4.45E+02	-4.83E-01	1.07E+00	1.58E+00	4.34E+00	7.86E+00	9.52E+00	1.66E+00	8.85E+00	1.02E+01	-1.60E+01	1.79E+01	2.05E+01	
	018	53.1	-40.3	8/3/2011	12:44	4.12E+02	3.42E+02	3.00E+02	1.52E-01	1.46E+00	1.75E+00	2.87E+00	7.59E+00	9.04E+00	3.15E+00	8.76E+00	1.06E+01	NA	NA	NA	
	019	53.1	-40.3	10/21/2011	10:17	4.82E+02	3.39E+02	3.42E+02	-1.78E-02	1.24E+00	1.61E+00	1.64E+00	6.66E+00	8.55E+00	2.49E+00	7.05E+00	1.01E+01	NA	NA	NA	
MW-62-71	001	71.1	-58.3	5/10/2007	11:35	5.02E+02	2.00E+02	1.71E+02	6.16E-01	8.34E-01	8.92E-01	-8.78E-01	3.51E+00	3.75E+00	1.37E-01	3.21E+00	3.59E+00	4.93E+00	1.29E+01	1.48E+01	MW-62-71
	002	71.1	-58.3	7/26/2007	12:20	1.51E+02	1.65E+02	1.74E+02	2.15E-01	7.26E-01	8.29E-01	1.11E+00	3.36E+00	3.91E+00	-2.39E-01	3.48E+00	3.90E+00	NA	NA	NA	
	003	71.1	-58.3	10/10/2007	12:23	2.69E+02	1.61E+02	1.55E+02	1.15E-01	5.22E-01	6.30E-01	1.18E+00	2.43E+00	2.45E+00	1.54E+00	2.10E+00	2.55E+00	NA	NA	NA	
	004	71.1	-58.3	1/10/2008	14:04	3.53E+02	1.89E+02	1.94E+02	3.78E-01	5.85E-01	6.46E-01	-7.82E-01	2.51E+00	2.72E+00	3.78E-02	2.22E+00	2.55E+00	NA	NA	NA	
	006	71.1	-58.3	8/6/2008	11:42	4.64E+02	1.66E+02	2.53E+02	3.31E-01	2.60E-01	3.94E-01	5.85E-01	2.01E+00	3.53E+00	-4.96E-01	2.23E+00	3.66E+00	NA	NA	NA	
	007	71.1	-58.3	10/29/2008	12:00	5.12E+02	1.70E+02	1.66E+02	3.70E-01	4.81E-01	5.03E-01	-2.34E+00	5.97E+00	6.37E+00	-1.31E+00	6.46E+00	7.00E+00	NA	NA	NA	
	008	71.1	-58.3	1/23/2009	12:12	2.99E+02	2.07E+02	2.04E+02	2.47E-01	7.35E-01	8.56E-01	1.92E+00	3.53E+00	4.25E+00	-4.84E-01	3.87E+00	4.22E+00	NA	NA	NA	
	009	71.1	-58.3	4/15/2009	12:06	4.78E+02	1.89E+02	1.38E+02	2.78E-01	6.38E-01	7.30E-01	1.27E+00	6.32E+00	4.21E+00	1.21E+00	3.48E+00	4.20E+00	-3.18E+00	1.88E+01	2.20E+01	
	010	71.1	-58.3	7/22/2009	12:52	3.52E+02	2.31E+02	2.32E+02	5.54E-01	7.87E-01	8.69E-01	-1.08E+00	3.46E+00	3.75E+00	8.91E-01	3.86E+00	4.50E+00	NA	NA	NA	
	011	71.1	-58.3	11/12/2009	12:40	4.68E+02	1.24E+02	1.02E+02	3.02E-01	6.66E-01	7.57E-01	2.35E+00	5.28E+00	6.35E+00	-1.57E+00	6.35E+00	6.71E+00	NA	NA	NA	
	012	71.1	-58.3	2/9/2010	13:20	4.56E+02	2.00E+02	1.99E+02	4.07E-01	4.74E-01	4.89E-01	4.29E+00	5.40E+00	6.65E+00	-2.86E+00	5.37E+00	5.09E+00	NA	NA	NA	
	013	71.1	-58.3	4/13/2010	13:45	3.77E+02	2.16E+02	2.30E+02	-2.24E-01	5.64E-01	8.12E-01	-6.51E-01	4.44E+00	4.86E+00	-3.24E+00	5.89E+00	4.62E+00	NA	NA	NA	
	014	71.1	-58.3	8/3/2010	11:30	3.25E+02	1.70E+02	1.77E+02	2.44E-01	3.75E-01	4.12E-01	-2.03E+00	8.37E+00	8.99E+00	1.86E+00	9.87E+00	1.16E+01	NA	NA	NA	
	015	71.1	-58.3	11/9/2010	11:02	4.17E+02	1.83E+02	3.82E+02	-6.74E-02	6.02E-01	1.52E+00	-6.58E-01	3.90E+00	8.41E+00	-4.59E+00	5.63E+00	1.09E+01	NA	NA	NA	
	016	71.1	-58.3	2/24/2011	12:40	5.38E+02	4.06E+02	4.03E+02	1.28E-01	1.22E+00	1.48E+00	4.10E+00	1.18E+01	6.67E+00	-2.36E-01	5.00E+00	5.47E+00	NA	NA	NA	
	017	71.1	-58.3	4/13/2011	11:15	3.39E+02	4.72E+02	5.08E+02	9.04E-01	1.45E+00	1.58E+00	2.33E+00	7.96E+00	9.27E+00	-2.38E+00	8.50E+00	8.56E+00	NA	NA	NA	
	018	71.1	-58.3	7/22/2011	10:12	4.21E+02	4.26E+02	4.44E+02	-3.90E-01	1.36E+00	1.90E+00	-7.29E-02	7.74E+00	8.31E+00	-7.90E-01	8.28E+00	8.59E+00	-6.70E+00	1.89E+01	2.13E+01	
	019	71.1	-58.3	8/3/2011	11:58	5.14E+02	3.69E+02	3.07E+02	3.49E-01	1.39E+00	1.65E+00	-7.31E-01	1.01E+01	1.10E+01	2.51E+00	1.04E+01	1.20E+01	NA	NA	NA	
	020	71.1	-58.3	10/21/2011	9:44	4.68E+02	3.36E+02	3.42E+02	-1.43E-01	1.29E+00	1.69E+00	8.75E-01	9.06E+00	1.13E+01	2.06E+00	9.84E+00	1.32E+01	NA	NA	NA	
MW-62-92	001	91.6	-78.8	5/10/2007	11:18	7.00E+02	2.16E+02	1.68E+02	7.11E-01	9.21E-01	9.85E-01	-1.58E+00	4.63E+00	3.30E+00	7.45E-01	3.12E+00	3.72E+00	-7.73E+00	1.30E+01	1.65E+01	MW-62-92
	002	91.6	-78.8	7/26/2007	12:35	4.37E+02	2.07E+02	1.80E+02	-2.28E-02	3.39E-01	3.94E-01	6.50E-01	3.15E+00	3.63E+00	8.32E-01	3.38E+00	3.95E+00	NA	NA	NA	
	003	91.6	-78.8	10/10/2007	12:15	4.28E+02	1.73E+02	1.50E+02	-1.91E-01	4.77E-01	6.54E-01	6.23E-01	1.88E+00	2.01E+00	1.85E+00	1.80E+00	2.21E+00	NA	NA	NA	
	004	91.6	-78.8	1/10/2008	11:09	3.94E+02	1.92E+02	1.94E+02	1.38E-01	6.59E-01	7.90E-01	3.75E-01	2.94E+00	3.39E+00	9.37E-01	3.47E+00	3.62E+00	NA	NA	NA	
	006	91.6	-78.8	8/6/2008	11:49	4.95E+02	1.59E+02	2.38E+02	2.43E-01	3.29E-01	5.64E-01	1.51E+00	2.29E+00	4.11E+00	5.16E+00	2.59E+00	5.35E+00	NA	NA	NA	
	007	91.6	-78.8	10/29/2008	12:10	4.82E+02	1.68E+02	1.66E+02	-4.52E-02	5.40E-01	7.12E-01	1.64E+00	6.57E+00	7.61E+00	2.71E+00	6.33E+00	7.68E+00	NA	NA	NA	
	008	91.6	-78.8	1/23/2009	12:28	5.25E+02	2.33E+02	2.05E+02	-1.59E-01	6.86E-01	8.73E-01	2.90E-01	4.58E+00	4.83E+00	1.88E+00	3.83E+00	4.74E+00	NA	NA	NA	
	009	91.6	-78.8	4/15/2009	12:15	6.08E+02	2.06E+02	1.38E+02	1.09E-01	5.42E-01	6.60E-01	3.15E-01	6.21E+00	4.14E+00	-9.11E-01	3.36E+00	3.56E+00	-1.28E+01	1.83E+01	2.22E+01	
	010	91.6	-78.8	7/22/2009	11:37	2.80E+02	2.24E+02	2.32E+02	3.44E-02	6.37E-01	8.10E-01	8.43E-01	3.39E+00	3.96E+00	-9.42E-01	3.40E+00	3.57E+00	NA	NA	NA	
	011	91.6	-78.8	11/12/2009	12:43	4.83E+02	1.25E+02	1.02E+02	3.91E-01	7.75E-01	8.76E-01	6.13E-01	5.25E+00	5.91E+00	2.98E-01	5.25E+00	5.86E+00	NA	NA	NA	
	012	91.6	-78.8	2/9/2010	13:20	5.27E+02	2.03E+02	1.98E+02	4.06E-01	6.20E-01	6.83E-01	-2.81E+00	7.35E+00	6.45E+00	2.57E+00	6.50E+00	7.81E+00	NA	NA	NA	
	013	91.6	-78.8	4/13/2010	13:38	5.96E+02	1.55E+02	1.44E+02	1.77E-01	6.88E-01	8.34E-01	1.16E+00	3.72E+00	4.24E+00	7.23E-03	3.75E+00	4.13E+00	NA	NA	NA	
	014	91.6	-78.8	8/3/2010	11:32	3.18E+02	1.68E+02	1.76E+02	4.11E-01	5.37E-01	5.80E-01	-3.42E+00	8.13E+00	8.38E+00	-4.99E-01	7.59E+00	8.36E+00	NA	NA	NA	
	015	91.6	-78.8	11/9/2010	11:15	4.82E+02	1.88E+02	3.86E+02	-9.75E-01	7.72E-01	1.95E+00	-2.96E+00	5.42E+00	1.17E+01	1.77E+00	4.84E+00	1.12E+01	NA	NA	NA	
	016	91.6	-78.8	2/24/2011	12:39	5.09E+02	4.00E+02	4.02E+02	9.56E-01	1.85E+00	2.06E+00	1.68E+00	5.38E+00	6.27E+00	-1.45E+00	5.68E+00	5.86E+00	NA	NA	NA	
	017	91.6	-78.8	4/13/2011	11:03	5.06E+02	4.78E+02	4.92E+02	2.87E-01	1.11E+00	1.30E+00	-2.87E+00	7.18E+00	7.31E+00	-2.10E+00	8.94E+00	8.88E+00	NA	NA	NA	
	018	91.6	-78.8	7/22/2011	10:18	5.61E+02	4.35E+02	4.39E+02	-1.12E+00	1.52E+00	2.06E+00	5.26E+00	9.42E+00	1.13E+01	-7.24E-02	9.48E+00	1.05E+01	-6.69E+00	1.76E+01	1.99E+01	
	019	91.6	-78.8	8/3/2011	12:10	5.61E+02	3.78E+02	3.03E+02	-3.26E-01	1.09E+00	1.52E+00	3.82E+00	1.46E+01	9.22E+00	-5.05E+00	1.17E+01	1.15E+01	NA	NA	NA	
	020	91.6	-78.8	10/21/2011	9:42	5.51E+02	3.45E+02	3.42E+02	4.45E-01	1.27E+00	1.48E+00	3.18E-01	9.39E+00	1.17E+01	1.88E-01	9.18E+00	1.22E+01	NA	NA	NA	
MW-62-138	001	138.1	-125.3	5/10/2007	10:22	4.55E+02	1.98E+02	1.74E+02	8.19E-01	8.16E-01	8.00E-01	1.73E+00	4.17E+00	3.28E+00	-1.40E+00	3.42E+00	3.55E+00	-4.93E+00	1.32E+01	1.64E+01	MW-62-138
	002	138.1	-125.3	7/26/2007	15:55	5.38E+02	2.19E+02	1.82E+02	5.26E-01	5.79E-01	6.09E-01	6.88E-02	3.51E+00	3.98E+00	6.39E-01	3.93E+00	4.54E+00	NA	NA	NA	
	003	138.1	-125.3	10/10/2007	14:46	7.78E+02	2.09E+02	1.54E+02	8.37E-01	8.30E-01	8.69E-01	0.00E+00	2.67E+00	2.90E+00	-1.19E+00	2.44E+00	2.50E+00	NA	NA	NA	
	004	138.1	-125.3	1/10/2008	10:05	7.69E+02	1.82E+02	1.74E+02	7.34E-01	4.32E-01	3.52E-01	4.30E-01	3.36E+00	3.88E+00	1.05E-01	3.47E+00	3.91E+00	NA	NA	NA	
	006	138.1	-125.3	8/6/2008	11:41	5.33E+02	1.55E+02	2.28E+02	1.21E+00	4.18E-01	5.01E-01	8.24E-01	2.44E+00	4.27E+00	3.85E-01	2.41E+00	4.20E+00	NA	NA	NA	
	007	138.1	-125.3	10/29/2008	12:25	7.50E+02	1.82E+02	1.66E+02	1.24E+00	5.53E-01	3.58E-01	1.40E+00	6.06E+00	7.05E+00	2.04E+00	8.28E+00	8.60E+00	NA	NA	NA	
	008	138.1	-125.3	1/23/2009	12:50	6.26E+02	2.43E+02	2.04E+02	2.46E+00	8.27E-01	6.23E-01	-4.23E-01	2.40E+00	2.67E+00	5.99E-01	2.24E+00	2.64E+00	NA	NA	NA	
	009	138.1	-125.3	4/15/2009	12:38	7.72E+02	2.18E+02	1.32E+02	1.78E+00	8.70E-01	7.93E-01	-7.43E-01	6.18E+00	4.12E+00	4.95E-01	3.20E+00	3.73E+00	1.23E+00	1.83E+01	2.12E+01	
	010	138.1	-125.3	7/22/2009	16:55	6.31E+02	2.54E+02	2.29E+02	1.31E+00	7.83E-01	7.15E-01	1.86E+00	3.81E+00	4.50E+00	3.36E-01	3.63E+00	4.18E+00	NA	NA	NA	
	011	138.1	-125.3	11/12/2009	15:11	5.76E+02	1.35E+02	1.07E+02	2.83E+00	7.98E-01	4.82E-01	1.05E+00	7.42E+00	8.36E+00	7.24E-02	7.92E+00	8.71E+00	NA	NA	NA	
	012	138.1	-125.3	2/9/2010	15:54	7.81E+02	2.18E+02	1.99E+02	8.78E-01	6.50E-01	6.24E-01	2.22E+00	5.03E+00	6.09E+00	-3.56E+00	4.79E+00	4.02E+00	NA	NA	NA	
	013	138.1	-125.3	4/13/2010	18:02	6.54E+02	1.59E+02	1.46E+02	1.28E+00	7.41E-01	6.91E-01	-7.33E-01	6.39E+00	5.98E+00	-2.36E+00	6.71E+00	5.83E+00	NA	NA	NA	
	014	138.1	-125.3	8/3/2010	14:09	5.91E+02	1.82E+02	1.76E+02	1.47E+00	7.40E-01	6.56E-01	3.83E+00	7.26E+00	8.95E+00	-1.73E+00	7.35E+00	7.39E+00	NA	NA	NA	
	015	138.1	-125.3	11/9/2010	14:31	3.31E+02	2.07E+02	4.46E+02	-1.05E-01	6.18E-01	1.57E+00	-1.42E+00	4.04E+00	8.57E+00	2.51E+00	4.68E+00	1.11E+01	NA	NA	NA	
	016	138.1	-125.3	2/24/2011	14:54	5.17E+02	4.00E+02	4.01E+02	2.15E+00	1.77E+00	1.75E+00	-1.67E+00	4.72E+00	4.94E+00	1.88E+00	7.04E+00	8.19E+00	NA	NA	NA	
	017	138.1	-125.3	4/13/2011	14:39	6.31E+02	5.04E+02	5.09E+02	1.22E+00	1.29E+00	1.32E+00	1.29E+00	9.08E+00	1.04E+01	1.71E+00	8.82E+00	1.02E+01	NA	NA	NA	
	018	138.1	-125.3	7/22/2011	11:50	4.66E+02	4.23E+02	4.36E+02	6.72E-01	1.20E+00	1.32E+00	-5.97E-01	7.41E+00	8.13E+00	6.36E+00	9.57E+00	1.23E+01	-1.13E+01	1.79E+01	2.03E+01	
	019	138.1	-125.3	8/3/2011	10:08	1.42E+03	5.46E+02	3.34E+02	1.53E+00	1.69E+00	1.73E+00	2.51E-01	9.48E+00	1.05E+01	1.35E+00	8.40E+00	9.73E+00	NA	NA	NA	
	020	138.1	-125.3	10/21/2011	11:29	3.01E+03	5.97E+02	2.36E+02	1.24E+00	1.48E+00	1.50E+00	-5.88E+00	1.01E+01	1.10E+01	2.45E-01	1.03E+01	1.33E+01	NA	NA	NA	
MW-62-182	001	182.1	-169.3	5/10/2007	10:43	5.41E+02	2.09E+02	1.76E+02	1.22E-01	7.18E-01	8.90E-01	3.74E-02	3.50E+00	3.33E+00	-2.40E-01	3.23E+00	3.53E+00	-1.76E+00	1.24E+01	1.50E+01	MW-62-182
	002	182.1	-169.3	7/26/2007	16:20	4.17E+02	2.06E+02	1.82E+02	-9.56E-02	2.73E-01	3.26E-01	-1.16E+00	3.10E+00	3.25E+00	6.21E-01	2.70E+00	3.15E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]															Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-62-182	003	182.1	-169.3	10/10/2007	14:42	4.94E+02	1.83E+02	1.54E+02	-1.48E-01	4.40E-01	5.99E-01	6.04E-01	1.91E+00	1.91E+00	5.45E-01	1.92E+00	2.23E+00	NA	NA	NA	MW-62-182
	004	182.1	-169.3	1/10/2008	11:15	4.70E+02	1.68E+02	1.71E+02	8.15E-02	5.13E-01	6.33E-01	-1.17E-01	2.96E+00	2.99E+00	9.22E-01	1.31E+00	2.33E+00	NA	NA	NA	
	006	182.1	-169.3	8/6/2008	13:54	3.99E+02	1.52E+02	2.34E+02	5.30E-02	3.33E-01	6.16E-01	8.48E-01	2.19E+00	3.85E+00	-2.67E-01	2.40E+00	3.97E+00	NA	NA	NA	
	007	182.1	-169.3	10/29/2008	15:52	4.98E+02	1.70E+02	1.66E+02	4.40E-02	7.13E-01	9.16E-01	1.60E+00	6.21E+00	6.92E+00	2.99E-01	5.82E+00	6.54E+00	NA	NA	NA	
	008	182.1	-169.3	1/23/2009	13:49	4.98E+02	2.28E+02	2.03E+02	-1.85E-01	4.56E-01	6.98E-01	-1.91E+00	2.55E+00	2.68E+00	-1.03E+00	2.43E+00	2.55E+00	NA	NA	NA	
	009	182.1	-169.3	4/15/2009	14:53	7.36E+02	2.21E+02	1.37E+02	-6.26E-01	7.43E-01	9.46E-01	2.06E-01	6.32E+00	4.21E+00	2.09E-01	4.55E+00	5.11E+00	-6.59E+00	1.83E+01	2.17E+01	
	010	182.1	-169.3	7/22/2009	17:00	4.66E+02	2.43E+02	2.33E+02	2.73E-01	8.22E-01	9.71E-01	5.02E-01	2.96E+00	3.47E+00	-9.12E-01	2.73E+00	2.70E+00	NA	NA	NA	
	011	182.1	-169.3	11/12/2009	15:15	5.10E+02	1.27E+02	1.03E+02	1.53E-01	5.44E-01	6.32E-01	-3.06E+00	7.80E+00	8.09E+00	2.77E+00	6.00E+00	7.53E+00	NA	NA	NA	
	012	182.1	-169.3	2/9/2010	16:07	4.69E+02	2.10E+02	2.10E+02	-2.03E-01	3.12E-01	4.91E-01	9.56E-01	5.40E+00	6.26E+00	-2.02E-01	5.46E+00	6.05E+00	NA	NA	NA	
	013	182.1	-169.3	4/13/2010	18:18	4.77E+02	1.52E+02	1.46E+02	2.86E-01	6.55E-01	7.61E-01	9.81E-01	3.93E+00	4.57E+00	3.69E-01	4.09E+00	4.65E+00	NA	NA	NA	
	014	182.1	-169.3	8/3/2010	14:02	2.78E+02	1.65E+02	1.75E+02	2.87E-01	7.05E-01	8.30E-01	-5.53E+00	1.24E+01	1.51E+01	-9.25E-01	8.00E+00	8.64E+00	NA	NA	NA	
	015	182.1	-169.3	11/9/2010	14:43	4.76E+02	1.88E+02	3.87E+02	1.02E+00	6.77E-01	1.46E+00	-2.35E+00	4.16E+00	8.56E+00	1.99E+00	5.26E+00	1.21E+01	NA	NA	NA	
	016	182.1	-169.3	2/24/2011	15:07	3.55E+02	3.84E+02	4.03E+02	-1.46E-01	1.45E+00	1.94E+00	-1.95E+00	6.24E+00	6.60E+00	5.86E-01	6.60E+00	7.33E+00	NA	NA	NA	
	017	182.1	-169.3	4/13/2011	14:44	1.92E+02	4.50E+02	5.03E+02	-5.04E-01	1.05E+00	1.45E+00	5.54E+00	8.70E+00	1.09E+01	-9.44E-01	1.08E+01	1.15E+01	NA	NA	NA	
	018	182.1	-169.3	7/22/2011	12:02	2.90E+02	4.20E+02	4.54E+02	2.09E-01	1.22E+00	1.47E+00	6.48E-01	7.41E+00	8.36E+00	-5.94E-01	7.65E+00	8.31E+00	-2.27E+00	1.56E+01	1.75E+01	
	019	182.1	-169.3	8/3/2011	10:20	5.84E+02	3.84E+02	3.05E+02	2.04E-01	1.47E+00	1.75E+00	-5.99E+00	1.25E+01	1.14E+01	-2.96E-01	1.13E+01	1.24E+01	NA	NA	NA	
	020	182.1	-169.3	10/21/2011	11:37	6.88E+02	3.42E+02	3.27E+02	-2.48E-01	1.45E+00	1.90E+00	-4.81E+00	1.22E+01	1.34E+01	-1.67E+00	1.06E+01	1.27E+01	NA	NA	NA	
MW-63-18	001	14.9	0.7	5/18/2007	10:35	2.30E+02	1.59E+02	1.57E+02	4.75E-02	5.37E-01	6.95E-01	8.56E-01	2.44E+00	2.67E+00	1.11E+00	2.65E+00	2.74E+00	7.36E+00	1.61E+01	1.82E+01	MW-63-18
	002	14.9	0.7	7/30/2007	13:10	2.00E+02	1.74E+02	1.89E+02	-2.18E-01	3.91E-01	4.68E-01	1.98E+00	2.65E+00	3.03E+00	-1.31E+00	2.50E+00	2.53E+00	NA	NA	NA	
	003	14.9	0.7	10/11/2007	12:43	1.49E+02	1.56E+02	1.71E+02	3.08E-01	6.23E-01	7.12E-01	1.52E+00	2.63E+00	3.16E+00	-1.41E-01	2.52E+00	2.74E+00	NA	NA	NA	
	004	14.9	0.7	1/9/2008	14:55	1.23E+02	1.56E+02	1.73E+02	-6.34E-02	5.55E-01	7.38E-01	2.55E+00	3.29E+00	3.42E+00	1.97E+00	2.94E+00	3.75E+00	NA	NA	NA	
	005	14.9	0.7	4/23/2008	14:50	2.57E+02	1.53E+02	2.43E+02	2.31E-02	4.68E-01	8.62E-01	8.04E-01	2.35E+00	4.03E+00	7.68E-01	2.06E+00	3.69E+00	8.53E+00	1.43E+01	2.42E+01	
	006	14.9	0.7	7/30/2008	11:13	1.79E+02	1.20E+02	1.91E+02	3.29E+00	5.61E-01	4.68E-01	-1.71E-02	1.75E+00	2.97E+00	-1.16E+00	2.04E+00	2.49E+00	NA	NA	NA	
	007	14.9	0.7	11/5/2008	10:53	3.20E+02	1.59E+02	1.65E+02	3.25E-01	6.20E-01	7.03E-01	1.31E-01	5.91E+00	6.75E+00	-1.52E+00	5.73E+00	6.04E+00	NA	NA	NA	
	008	14.9	0.7	1/29/2009	13:46	1.54E+02	1.85E+02	1.98E+02	-2.22E-01	6.74E-01	8.57E-01	9.78E-02	2.64E+00	3.01E+00	1.02E+00	3.20E+00	3.87E+00	NA	NA	NA	
	009	14.9	0.7	5/4/2009	12:29	1.97E+02	1.62E+02	1.64E+02	1.26E-01	6.00E-01	6.93E-01	-2.37E+00	6.86E+00	4.57E+00	8.34E-01	4.26E+00	4.94E+00	NA	NA	NA	
	010	14.9	0.7	7/30/2009	14:26	3.80E+02	1.83E+02	1.89E+02	-2.47E-01	2.76E-01	4.70E-01	2.06E+00	5.42E+00	6.37E+00	4.32E-01	5.99E+00	6.85E+00	NA	NA	NA	
	011	14.9	0.7	11/3/2009	12:19	1.24E+02	1.46E+02	1.61E+02	-2.75E-02	5.64E-01	7.37E-01	-6.29E-01	5.29E+00	5.78E+00	1.74E+00	7.20E+00	8.06E+00	NA	NA	NA	
	012	14.9	0.7	2/8/2010	13:40	3.38E+02	1.68E+02	1.78E+02	5.39E-01	7.74E-01	8.34E-01	5.09E+00	4.35E+00	5.44E+00	4.46E-01	4.41E+00	5.00E+00	NA	NA	NA	
	013	14.9	0.7	4/26/2010	13:22	3.16E+02	1.55E+02	1.47E+02	-7.37E-02	6.62E-01	8.66E-01	3.73E-01	5.22E+00	5.91E+00	3.24E+00	6.03E+00	7.50E+00	NA	NA	NA	
	014	14.9	0.7	8/10/2010	12:08	1.62E+02	1.58E+02	1.73E+02	-1.55E-02	3.48E-01	4.72E-01	-6.04E-01	7.20E+00	8.11E+00	-2.17E+00	6.42E+00	6.45E+00	NA	NA	NA	
	015	14.9	0.7	11/2/2010	12:22	1.97E+02	1.18E+02	1.13E+02	1.31E-01	6.87E-01	8.18E-01	1.81E+00	5.46E+00	6.40E+00	3.45E+00	6.55E+00	8.07E+00	NA	NA	NA	
	016	14.9	0.7	3/2/2011	11:10	4.90E+02	3.58E+02	3.55E+02	-4.34E-01	1.50E+00	2.03E+00	1.82E+00	6.78E+00	7.90E+00	2.40E+00	7.38E+00	8.82E+00	NA	NA	NA	
	017	14.9	0.7	4/19/2011	10:35	7.23E+01	4.38E+02	5.05E+02	-3.13E-01	1.13E+00	1.49E+00	8.69E-01	8.04E+00	8.92E+00	-3.22E+00	8.16E+00	7.75E+00	NA	NA	NA	
	018	14.9	0.7	7/21/2011	10:26	2.96E+02	3.99E+02	4.29E+02	6.58E-02	1.19E+00	1.50E+00	2.40E+00	7.62E+00	9.09E+00	2.37E+00	7.53E+00	9.30E+00	-8.91E+00	1.69E+01	1.92E+01	
	019	14.9	0.7	8/3/2011	10:02	2.90E+02	3.15E+02	3.03E+02	-1.29E-01	1.20E+00	1.57E+00	1.70E+00	6.87E+00	7.90E+00	3.80E+00	8.58E+00	1.05E+01	NA	NA	NA	
	020	14.9	0.7	10/18/2011	11:34	2.59E+02	2.34E+02	2.20E+02	1.26E+00	1.74E+00	1.83E+00	1.31E+00	8.28E+00	1.07E+01	1.72E+00	1.09E+01	1.44E+01	NA	NA	NA	
MW-63-34	001	31.5	-17.3	5/18/2007	13:03	2.28E+02	1.58E+02	1.55E+02	-1.62E-01	5.43E-01	7.77E-01	4.10E-01	2.21E+00	2.51E+00	-3.25E-01	2.65E+00	2.44E+00	1.57E+00	1.54E+01	1.80E+01	MW-63-34
	002	31.5	-17.3	7/30/2007	13:28	2.80E+02	1.77E+02	1.90E+02	-1.64E-01	3.36E-01	4.03E-01	1.73E-01	3.66E+00	3.56E+00	3.98E-01	3.66E+00	4.24E+00	NA	NA	NA	
	003	31.5	-17.3	10/11/2007	12:50	2.31E+02	1.61E+02	1.74E+02	-2.75E-01	4.44E-01	6.73E-01	-6.24E-01	3.60E+00	3.58E+00	3.81E-01	2.65E+00	3.10E+00	NA	NA	NA	
	004	31.5	-17.3	1/9/2008	14:20	3.26E+02	1.65E+02	1.71E+02	1.24E-01	5.57E-01	6.84E-01	1.83E+00	3.63E+00	4.44E+00	3.53E-01	3.90E+00	4.35E+00	NA	NA	NA	
	005	31.5	-17.3	4/23/2008	13:55	4.90E+02	1.68E+02	2.45E+02	3.82E-01	5.68E-01	9.89E-01	1.71E+00	2.05E+00	3.78E+00	-1.77E+00	3.53E+00	4.19E+00	5.77E+00	1.46E+01	2.49E+01	
	006	31.5	-17.3	7/30/2008	11:12	4.41E+02	1.39E+02	1.91E+02	1.15E+00	4.60E-01	6.45E-01	-1.48E-02	2.26E+00	3.87E+00	-7.91E-01	2.52E+00	3.65E+00	NA	NA	NA	
	007	31.5	-17.3	11/5/2008	11:03	4.14E+02	3.77E+02	3.85E+02	3.15E-01	6.77E-01	7.78E-01	5.73E-01	5.43E+00	6.10E+00	-1.40E-01	5.17E+00	5.67E+00	NA	NA	NA	
	008	31.5	-17.3	1/29/2009	12:22	4.20E+02	2.22E+02	1.96E+02	2.20E-01	6.87E-01	8.13E-01	1.41E+00	2.91E+00	3.45E+00	-2.64E-01	2.96E+00	3.23E+00	NA	NA	NA	
	009	31.5	-17.3	5/4/2009	12:10	3.23E+02	1.76E+02	1.59E+02	2.16E-01	6.03E-01	6.89E-01	6.53E-01	7.29E+00	4.86E+00	1.92E+00	3.42E+00	4.32E+00	NA	NA	NA	
	010	31.5	-17.3	7/30/2009	14:00	3.37E+02	1.80E+02	1.88E+02	2.57E-01	5.50E-01	6.37E-01	6.62E-01	5.50E+00	5.65E+00	1.70E+00	5.49E+00	6.42E+00	NA	NA	NA	
	011	31.5	-17.3	11/3/2009	11:02	3.10E+02	1.55E+02	1.62E+02	-3.73E-01	4.06E-01	6.81E-01	-6.69E-02	8.31E+00	9.16E+00	8.03E-01	5.76E+00	6.76E+00	NA	NA	NA	
	012	31.5	-17.3	2/8/2010	13:19	3.96E+02	1.70E+02	1.78E+02	2.26E-01	6.78E-01	8.09E-01	-6.36E-01	3.94E+00	4.33E+00	-8.85E-01	4.26E+00	4.66E+00	NA	NA	NA	
	013	31.5	-17.3	4/26/2010	13:21	2.89E+02	1.53E+02	1.47E+02	-3.04E-01	7.18E-01	9.93E-01	-5.64E-01	5.55E+00	5.88E+00	-1.09E+00	5.19E+00	5.37E+00	NA	NA	NA	
	014	31.5	-17.3	8/10/2010	11:44	1.89E+02	1.64E+02	1.78E+02	2.21E-01	3.59E-01	3.95E-01	2.60E+00	9.29E+00	1.06E+01	3.10E+00	7.21E+00	9.27E+00	NA	NA	NA	
	015	31.5	-17.3	11/2/2010	13:04	3.41E+02	1.35E+02	1.14E+02	3.11E-01	5.72E-01	6.45E-01	1.16E-01	5.66E+00	6.29E+00	-2.31E+00	6.33E+00	6.51E+00	NA	NA	NA	
	016	31.5	-17.3	3/2/2011	10:50	2.98E+02	2.86E+02	2.62E+02	-4.29E-01	1.57E+00	2.11E+00	7.43E-02	7.96E+00	8.82E+00	-2.10E+00	8.42E+00	8.59E+00	NA	NA	NA	
	017	31.5	-17.3	4/19/2011	10:25	3.94E+02	4.60E+02	4.87E+02	-1.13E+00	1.22E+00	1.83E+00	4.36E+00	8.34E+00	9.94E+00	3.72E+00	8.28E+00	1.02E+01	NA	NA	NA	
	018	31.5	-17.3	7/21/2011	10:08	3.04E+02	4.08E+02	4.39E+02	2.38E-01	1.17E+00	1.42E+00	-1.34E+00	9.03E+00	9.54E+00	1.66E-01	7.89E+00	8.63E+00	-1.26E+01	1.28E+01	1.47E+01	
	019	31.5	-17.3	8/3/2011	10:14	3.61E+02	3.30E+02	3.02E+02	1.90E-01	1.37E+00	1.66E+00	8.99E+00	9.09E+00	1.15E+01	-7.29E-01	8.16E+00	8.53E+00	NA	NA	NA	
	020	31.5	-17.3	10/18/2011	11:39	4.30E+02	3.36E+02	3.46E+02	-4.71E-01	1.27E+00	1.78E+00	-3.77E+00	8.31E+00	9.14E+00	2.21E+00	7.62E+00	1.11E+01	NA	NA	NA	
MW-63-50	001	49.5	-37.2	5/15/2007	11:48	3.26E+02	1.83E+02	1.73E+02	-9.70E-02	6.15E-01	8.32E-01	-1.33E-01	5.28E+00	5.01E+00	6.64E-01	4.23E+00	4.81E+00	-2.41E+00	1.24E+01	1.51E+01	MW-63-50
	002	49.5	-37.2	7/25/2007	14:00	2.25E+02	1.80E+02	1.95E+02	1.29E-01	6.03E-01	6.84E-01	2.08E+00	3.18E+00	3.90E+00	-1.58E-01	3.19E+00	3.54E+00	NA	NA	NA	
	003	49.5	-37.2	10/11/2007	11:10	2.89E+02	1.62E+02	1.73E+02	-3.41E-01	5.10E-01	7.67E-01	6.21E-01	2.98E+00	3.39E+00	1.56E+00	3.17E+00	3.86E+00	NA	NA	NA	
	004	49.5	-37.2	1/9/2008	12:32	3.56E+02	1.67E+02	1.72E+02	4.48E-01	7.41E-01	8.26E-01	3.37E-01	2.66E+00	3.02E+00	-1.42E+00	3.14E+00	3.20E+00	NA	NA	NA	
	005	49.5	-37.2	4/23/2008	13:04	2.70E+02	1.63E+02	2.65E+02	4.27E-01	5.45E-01	9.26E-01	-1.10E+00	1.85E+00	2.93E+00	9.01E-01	1.75E+00	3.27E+00	2.43E+00	1.40E+01	2.41E+01	
	006	49.5	-37.2	7/30/2008	10:29	3.35E+02	1.32E+02	1.91E+02	6.10E-01	4.97E-01	8.02E-01	-1.77E+00	1.83E+00	2.66E+00	-1.22E+00	1.91E+00	2.80E+00	NA	NA	NA	
	007	49.5	-37.2	11/5/2008	9:39	3.17E+02	1.94E+02	1.99E+02	5.67E-01	6.58E-01	6.79E-01	1.26E+00	6.36E+00	7.04E+00	-7.21E-01	6.52E+00	7.08E+00	NA	NA	NA	
	008	49.5	-37.2	1/29/2009	14:06	2.98E+02	2.04E+02	1.96E+02	5.67E-01	8.00E-01	8.76E-01	8.89E-02	3.09E+00	3.51E+00	1.37E+00	3.41E+00	4.19E+00	NA	NA	NA	
	009	49.5	-37.2	5/4/2009	11:31	3.30E+02	1.80E+02	1.65E+02	1.58E-01	5.73E-01	6.59E-01	1.22E+00	6.27E+00	4.18E+00	-2.49E-01	3.98E+00	4.34E+00	NA	NA	NA	
	010	49.5	-37.2	7/30/2009	11:05	3.35E+02	1.80E+02	1.87E+02	5.40E-01	5.84E-01	5.81E-01	2.00E+00	6.27E+00	7.39E+00	1.36E+00	6.63E+00	7.71E+00	NA	NA	NA	
	011	49.5	-37.2	11/3/2009	10:42	3.60E+02	1.58E+02	1.61E+02	-5.37E-03	5.31E-01	6.94E-01	2.14E-01	6.81E+00	7.54E+00	-1.30E+00	7.20E+00	7.57E+00	NA	NA	NA	
	012	49.5	-37.2	2/8/2010	12:45	3.34E+02	1.67E+02	1.77E+02	5.42E-01	7.40E-01	7.92E-01	-1.46E+00	3.25E+00	3.55E+00	7.99E-01	3.33E+00	3.81E+00	NA	NA	NA	
	013	49.5	-37.2	4/26/2010	12:06	4.13E+02	1.62E+02	1.45E+02	2.38E-01	5.82E-01	6.82E-01	-5.57E+00	1.01E+01	1.12E+01	-4.30E+00	6.74E+00	6.45E+00	NA	NA	NA	
	014	49.5	-37.2	8/10/2010	14:32	2.72E+02	1.65E+02	1.75E+02	-2.47E-02	5.47E-01	6.90E-01	-1.32E+00	7.10E+00	7.82E+00	7.73E-01	7.74E+00	8.96E+00	NA	NA	NA	
	015	49.5	-37.2	11/2/2010	15:07	3.29E+02	1.31E+02	1.12E+02	2.27E-01	6.23E-01	7.23E-01	-2.98E-02	7.72E+00	8.42E+00	2.76E+00	8.00E+00	9.78E+00	NA	NA	NA	
	016	49.5	-37.2	3/2/2011	14:21	4.35E+02	3.40E+02	3.44E+02	1.73E-01	1.62E+00	2.03E+00	1.13E+00	6.50E+00	7.48E+00	3.64E+00	7.02E+00	8.70E+00	NA	NA	NA	
	017	49.5	-37.2	4/19/2011	11:25	1.68E+02	4.36E+02	4.89E+02	7.72E-01	1.39E+00	1.53E+00	-6.46E+00	9.76E+00	9.29E+00	3.72E+00	8.18E+00	1.03E+01	NA	NA	NA	
	018	49.5	-37.2	7/21/2011	11:25	2.09E+02	3.99E+02	4.41E+02	-6.50E-01	8.58E-01	1.39E+00	2.46E-01	7.56E+00	8.55E+00	2.77E+00	8.64E+00	1.05E+01	-2.89E+00	1.51E+01	1.69E+01	
	019	49.5	-37.2	8/3/2011	11:38	3.50E+02	3.33E+02	3.09E+02	-8.45E-01	1.10E+00	1.60E+00	8.12E+00	1.18E+01	1.44E+01	4.49E+00	8.52E+00	1.14E+01	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-63-50	020	49.5	-37.2	10/18/2011	13:55	3.14E+02	3.63E+02	3.85E+02	4.62E-01	1.68E+00	1.94E+00	-9.09E-01	1.09E+01	1.29E+01	-2.69E+00	1.09E+01	1.34E+01	NA	NA	NA	MW-63-50
MW-63-93	001	93	-80.7	10/2/2006	13:10	5.16E+02	1.95E+02	5.70E+01	7.81E-02	6.73E-01	7.32E-01	5.46E-01	1.43E+01	1.59E+01	-4.42E+00	1.67E+01	2.03E+01	-5.31E+00	1.23E+01	1.54E+01	MW-63-93
	002	93	-80.7	5/15/2007	12:45	2.81E+02	1.80E+02	1.75E+02	8.20E-02	7.29E-01	9.24E-01	1.87E-01	4.80E+00	4.60E+00	9.57E-01	4.54E+00	4.51E+00	NA	NA	NA	
	003	93	-80.7	7/25/2007	14:34	2.37E+02	1.82E+02	1.97E+02	-4.43E-01	4.41E-01	5.29E-01	1.24E+00	3.31E+00	3.90E+00	9.28E-03	3.75E+00	4.16E+00	NA	NA	NA	
	004	93	-80.7	10/11/2007	11:17	1.15E+02	1.55E+02	1.72E+02	8.19E-01	8.90E-01	9.47E-01	-6.98E-01	2.97E+00	3.16E+00	-1.77E+00	3.33E+00	3.23E+00	NA	NA	NA	
	005	93	-80.7	1/9/2008	12:46	2.15E+02	1.59E+02	1.71E+02	1.86E-01	7.08E-01	8.45E-01	7.74E-01	3.06E+00	3.56E+00	1.05E-01	3.20E+00	3.58E+00	NA	NA	NA	
	005	93	-80.7	4/23/2008	11:23	3.02E+02	1.65E+02	2.65E+02	2.93E-01	5.46E-01	9.39E-01	3.49E-01	2.27E+00	3.88E+00	7.04E-01	2.41E+00	4.14E+00	-3.72E+00	1.41E+01	2.46E+01	
	007	93	-80.7	7/29/2008	14:17	2.38E+02	1.25E+02	1.92E+02	2.28E-03	2.21E-01	3.86E-01	-4.02E-01	2.01E+00	3.36E+00	-3.19E-01	1.96E+00	3.23E+00	NA	NA	NA	
	008	93	-80.7	11/5/2008	10:14	3.90E+02	3.75E+02	3.86E+02	-9.77E-02	1.94E-01	2.36E-01	1.53E+00	5.10E+00	5.92E+00	2.80E+00	6.24E+00	7.60E+00	NA	NA	NA	
	009	93	-80.7	1/29/2009	14:20	3.40E+02	2.09E+02	1.93E+02	1.18E-01	6.33E-01	7.75E-01	-9.44E-01	3.17E+00	3.42E+00	-8.17E-01	3.63E+00	3.88E+00	NA	NA	NA	
	010	93	-80.7	5/4/2009	12:00	1.66E+02	1.59E+02	1.64E+02	5.44E-01	5.13E-01	5.53E-01	2.00E+00	6.72E+00	4.48E+00	-1.69E+00	3.63E+00	3.63E+00	NA	NA	NA	
	011	93	-80.7	7/30/2009	11:30	2.64E+02	1.77E+02	1.88E+02	1.81E-01	3.63E-01	4.15E-01	2.45E+00	5.54E+00	6.51E+00	3.68E-01	5.66E+00	6.36E+00	NA	NA	NA	
	012	93	-80.7	11/3/2009	10:55	3.01E+02	1.53E+02	1.61E+02	7.11E-01	7.17E-01	7.57E-01	-2.46E+00	4.82E+00	5.00E+00	5.40E-01	4.70E+00	5.26E+00	NA	NA	NA	
	013	93	-80.7	2/8/2010	13:00	2.90E+02	1.65E+02	1.77E+02	1.78E-01	6.63E-01	8.06E-01	-1.10E+00	4.41E+00	4.71E+00	5.93E-01	4.54E+00	5.11E+00	NA	NA	NA	
	014	93	-80.7	4/26/2010	12:42	3.03E+02	1.55E+02	1.47E+02	-2.90E-02	5.61E-01	7.42E-01	-6.91E-01	5.55E+00	6.23E+00	-3.69E+00	5.52E+00	5.35E+00	NA	NA	NA	
	015	93	-80.7	8/10/2010	15:10	1.95E+02	1.61E+02	1.74E+02	-1.91E-01	4.38E-01	6.16E-01	1.24E+00	6.64E+00	7.70E+00	2.61E-01	7.58E+00	8.46E+00	NA	NA	NA	
	016	93	-80.7	11/2/2010	15:08	2.39E+02	1.21E+02	1.11E+02	3.29E-01	5.72E-01	6.42E-01	-4.18E-02	4.95E+00	5.64E+00	3.38E+00	5.80E+00	7.11E+00	NA	NA	NA	
	017	93	-80.7	3/2/2011	14:14	2.69E+02	3.00E+02	2.94E+02	3.30E-01	1.79E+00	2.17E+00	-1.51E+00	8.78E+00	9.05E+00	3.38E+00	7.56E+00	9.56E+00	NA	NA	NA	
	018	93	-80.7	4/19/2011	11:27	9.64E+01	4.42E+02	5.05E+02	-4.30E-02	1.14E+00	1.44E+00	3.31E+00	8.92E+00	1.03E+01	-4.35E-01	6.80E+00	7.25E+00	NA	NA	NA	
	019	93	-80.7	7/21/2011	11:32	4.17E+02	4.20E+02	4.40E+02	-4.28E-01	1.06E+00	1.48E+00	-3.58E+00	8.10E+00	7.77E+00	-6.11E+00	7.92E+00	5.51E+00	6.50E-01	1.71E+01	1.90E+01	
	020	93	-80.7	8/3/2011	11:50	1.84E+02	3.12E+02	3.38E+02	4.25E-02	1.31E+00	1.63E+00	1.61E+00	7.26E+00	7.83E+00	-2.65E+00	7.71E+00	8.38E+00	NA	NA	NA	
	021	93	-80.7	10/18/2011	14:14	5.04E+02	3.78E+02	3.83E+02	5.60E-01	1.37E+00	1.56E+00	7.43E-01	6.45E+00	8.33E+00	3.55E+00	6.87E+00	1.02E+01	NA	NA	NA	
MW-63-112	001	111.5	-99.2	5/15/2007	13:10	4.24E+02	1.95E+02	1.75E+02	-5.27E-02	7.50E-01	9.42E-01	2.58E+00	3.90E+00	3.59E+00	9.59E-01	3.72E+00	4.19E+00	-5.14E+00	1.34E+01	1.55E+01	MW-63-112
	002	111.5	-99.2	7/25/2007	14:52	2.69E+02	1.83E+02	1.97E+02	6.32E-02	3.46E-01	3.99E-01	6.92E-01	4.14E+00	4.19E+00	-6.35E-01	3.94E+00	4.34E+00	NA	NA	NA	
	003	111.5	-99.2	10/11/2007	13:45	2.78E+02	1.62E+02	1.72E+02	-7.94E-02	6.73E-01	8.71E-01	-3.04E+00	5.49E+00	4.52E+00	7.65E-01	3.50E+00	4.15E+00	NA	NA	NA	
	004	111.5	-99.2	1/9/2008	10:20	4.69E+02	1.73E+02	1.72E+02	2.19E-01	5.07E-01	5.92E-01	3.90E-01	3.30E+00	3.34E+00	2.87E-01	3.56E+00	3.75E+00	NA	NA	NA	
	005	111.5	-99.2	4/23/2008	11:08	3.72E+02	1.68E+02	2.65E+02	-3.90E-02	3.96E-01	7.94E-01	4.77E-01	2.30E+00	3.89E+00	1.75E+00	2.78E+00	4.52E+00	-5.00E-01	1.43E+01	2.48E+01	
	006	111.5	-99.2	7/29/2008	14:20	2.07E+02	1.01E+02	1.63E+02	7.08E-01	5.39E-01	8.66E-01	6.61E-01	2.23E+00	3.89E+00	1.07E+00	2.46E+00	4.41E+00	NA	NA	NA	
	007	111.5	-99.2	11/4/2008	12:41	2.75E+02	1.92E+02	2.01E+02	4.72E-01	5.88E-01	6.17E-01	1.89E-01	5.68E+00	6.43E+00	-2.75E+00	8.34E+00	7.58E+00	NA	NA	NA	
	008	111.5	-99.2	1/30/2009	14:39	4.37E+02	2.21E+02	1.97E+02	2.43E-02	7.80E-01	9.24E-01	-1.10E+00	2.81E+00	2.86E+00	1.77E+00	3.41E+00	4.13E+00	NA	NA	NA	
	009	111.5	-99.2	5/4/2009	14:30	4.42E+02	1.94E+02	1.64E+02	1.54E-01	5.99E-01	7.38E-01	-2.30E+00	6.18E+00	4.12E+00	1.38E+00	3.93E+00	4.71E+00	NA	NA	NA	
	010	111.5	-99.2	7/30/2009	13:54	4.64E+02	1.88E+02	1.89E+02	1.50E-01	5.70E-01	6.78E-01	-5.23E+00	7.61E+00	7.36E+00	4.44E+00	6.98E+00	8.68E+00	NA	NA	NA	
	011	111.5	-99.2	11/3/2009	11:17	4.96E+02	1.62E+02	1.61E+02	5.07E-01	8.31E-01	9.25E-01	4.38E-01	6.15E+00	6.86E+00	-4.82E+00	7.04E+00	6.72E+00	NA	NA	NA	
	012	111.5	-99.2	2/8/2010	13:14	3.80E+02	1.70E+02	1.79E+02	6.50E-01	7.23E-01	7.33E-01	-6.93E-01	3.86E+00	4.28E+00	-2.22E+00	5.70E+00	4.89E+00	NA	NA	NA	
	013	111.5	-99.2	4/26/2010	12:39	4.47E+02	1.64E+02	1.42E+02	4.81E-01	5.84E-01	6.06E-01	4.15E+00	6.75E+00	8.37E+00	4.44E+00	7.86E+00	9.87E+00	NA	NA	NA	
	014	111.5	-99.2	8/10/2010	14:52	3.71E+02	1.73E+02	1.78E+02	2.83E-01	4.37E-01	4.78E-01	-3.00E+00	7.68E+00	7.90E+00	-5.28E+00	9.73E+00	9.11E+00	NA	NA	NA	
	015	111.5	-99.2	11/2/2010	15:05	3.01E+02	1.29E+02	1.13E+02	6.02E-02	5.25E-01	6.51E-01	-2.54E+00	6.29E+00	6.56E+00	1.96E+00	6.72E+00	7.95E+00	NA	NA	NA	
	016	111.5	-99.2	3/2/2011	14:15	3.38E+02	3.18E+02	2.96E+02	1.48E-01	1.60E+00	2.00E+00	-3.72E-01	6.70E+00	7.21E+00	1.19E+00	6.36E+00	7.21E+00	NA	NA	NA	
	017	111.5	-99.2	4/19/2011	11:25	4.22E+02	4.68E+02	4.92E+02	-7.96E-01	1.00E+00	1.47E+00	4.96E+00	1.05E+01	1.25E+01	1.64E+00	1.17E+01	1.36E+01	NA	NA	NA	
	018	111.5	-99.2	7/21/2011	11:46	6.01E+02	4.44E+02	4.44E+02	2.29E-01	1.13E+00	1.37E+00	-8.46E-01	1.06E+01	1.11E+01	6.03E+00	1.21E+01	1.54E+01	-1.22E+00	1.77E+01	1.98E+01	
	019	111.5	-99.2	8/3/2011	12:01	8.82E+02	4.59E+02	3.36E+02	-1.83E-01	1.31E+00	1.67E+00	2.07E+00	7.35E+00	8.45E+00	-2.13E+00	7.26E+00	7.10E+00	NA	NA	NA	
	020	111.5	-99.2	10/18/2011	14:20	1.34E+03	5.43E+02	3.29E+02	-5.35E-01	1.39E+00	1.87E+00	-1.39E+00	7.53E+00	8.79E+00	1.78E+00	7.02E+00	9.82E+00	NA	NA	NA	
MW-63-121	001	121	-108.7	5/15/2007	13:42	3.11E+02	1.83E+02	1.75E+02	3.00E-01	7.97E-01	9.37E-01	6.30E-01	4.25E+00	4.20E+00	-1.19E+00	3.65E+00	3.87E+00	2.29E+00	1.52E+01	1.77E+01	MW-63-121
	002	121	-108.7	7/25/2007	11:50	2.96E+02	1.82E+02	1.94E+02	3.19E-01	5.31E-01	5.93E-01	-1.31E+00	3.29E+00	3.46E+00	1.70E-01	3.46E+00	3.87E+00	NA	NA	NA	
	003	121	-108.7	10/11/2007	13:51	4.62E+02	1.70E+02	1.74E+02	2.39E-01	6.25E-01	7.37E-01	2.48E+00	4.51E+00	4.94E+00	1.54E+00	4.00E+00	4.54E+00	NA	NA	NA	
	004	121	-108.7	1/9/2008	10:42	5.40E+02	1.74E+02	1.71E+02	2.06E-02	4.70E-01	6.09E-01	2.54E+00	3.38E+00	4.15E+00	1.09E+00	3.41E+00	4.02E+00	NA	NA	NA	
	005	121	-108.7	4/23/2008	11:17	4.54E+02	1.34E+02	1.98E+02	5.36E-01	4.94E-01	8.04E-01	-3.56E-01	9.40E-01	1.55E+00	-1.33E+00	2.71E+00	1.81E+00	-3.22E+00	1.41E+01	2.46E+01	
	006	121	-108.7	7/29/2008	14:30	3.44E+02	1.04E+02	1.61E+02	7.60E-01	3.83E-01	5.73E-01	2.86E-01	2.08E+00	3.57E+00	1.23E+00	2.30E+00	4.11E+00	NA	NA	NA	
	007	121	-108.7	11/4/2008	12:43	4.95E+02	2.06E+02	1.98E+02	3.81E-01	7.52E-01	8.55E-01	-7.97E-01	5.42E+00	5.97E+00	1.20E+00	6.38E+00	7.41E+00	NA	NA	NA	
	008	121	-108.7	1/30/2009	14:41	6.23E+02	2.42E+02	1.97E+02	7.30E-01	5.09E-01	4.47E-01	1.91E+00	3.18E+00	3.92E+00	9.14E-01	2.84E+00	3.45E+00	NA	NA	NA	
	009	121	-108.7	5/4/2009	14:35	5.38E+02	2.04E+02	1.65E+02	7.71E-01	8.55E-01	9.23E-01	-6.65E-02	8.16E+00	5.44E+00	2.35E+00	4.29E+00	5.35E+00	NA	NA	NA	
	010	121	-108.7	7/30/2009	14:03	4.66E+02	1.88E+02	1.89E+02	5.21E-01	5.49E-01	5.66E-01	1.05E+00	4.89E+00	5.53E+00	-2.66E+00	6.67E+00	5.19E+00	NA	NA	NA	
	011	121	-108.7	11/3/2009	11:46	5.01E+02	1.64E+02	1.61E+02	5.66E-01	8.73E-01	9.67E-01	-5.33E+00	9.88E+00	8.44E+00	-2.07E+00	9.35E+00	8.77E+00	NA	NA	NA	
	012	121	-108.7	2/8/2010	13:18	5.15E+02	1.74E+02	1.77E+02	3.18E-01	6.45E-01	7.40E-01	-2.07E-01	3.92E+00	4.30E+00	-2.48E-01	5.33E+00	4.92E+00	NA	NA	NA	
	013	121	-108.7	4/26/2010	12:59	6.06E+02	1.80E+02	1.46E+02	4.17E-01	6.09E-01	6.57E-01	3.57E+00	6.06E+00	7.40E+00	1.16E+00	6.13E+00	7.15E+00	NA	NA	NA	
	014	121	-108.7	8/10/2010	11:28	5.39E+02	1.80E+02	1.77E+02	3.67E-01	5.93E-01	6.58E-01	-9.48E-01	8.12E+00	8.95E+00	-6.58E-01	8.76E+00	9.58E+00	NA	NA	NA	
	015	121	-108.7	11/2/2010	11:46	5.20E+02	1.49E+02	1.10E+02	6.38E-01	7.57E-01	8.11E-01	1.17E+00	6.66E+00	7.68E+00	-4.06E+00	7.17E+00	6.83E+00	NA	NA	NA	
	016	121	-108.7	3/2/2011	11:10	5.03E+02	3.54E+02	2.94E+02	-6.82E-02	1.55E+00	2.03E+00	-6.26E-01	6.72E+00	7.20E+00	3.49E-01	6.00E+00	6.67E+00	NA	NA	NA	
	017	121	-108.7	4/19/2011	9:54	5.77E+02	4.84E+02	4.91E+02	4.12E-01	1.18E+00	1.37E+00	-1.03E+00	6.92E+00	7.17E+00	-1.09E+01	9.86E+00	5.99E+00	NA	NA	NA	
	018	121	-108.7	7/21/2011	9:58	1.33E+03	5.28E+02	4.45E+02	-3.05E-01	1.36E+00	1.74E+00	1.63E-03	7.44E+00	8.17E+00	-3.19E+00	1.05E+01	1.07E+01	1.12E+00	1.84E+01	2.05E+01	
	019	121	-108.7	8/3/2011	10:03	1.92E+03	6.09E+02	3.29E+02	9.09E-01	1.49E+00	1.62E+00	-6.79E+00	9.27E+00	9.08E+00	6.01E+00	8.16E+00	1.09E+01	NA	NA	NA	
	020	121	-108.7	10/18/2011	11:27	3.63E+03	8.40E+02	3.33E+02	1.49E+00	1.71E+00	1.75E+00	-6.42E+00	1.26E+01	1.62E+01	2.81E+00	9.33E+00	1.31E+01	NA	NA	NA	
MW-63-163	001	162.5	-150.2	5/15/2007	11:38	5.78E+02	2.10E+02	1.73E+02	-6.43E-02	6.50E-01	8.74E-01	-8.04E-01	2.84E+00	2.59E+00	9.51E-01	2.25E+00	2.64E+00	-9.58E-01	1.44E+01	1.73E+01	MW-63-163
	002	162.5	-150.2	7/25/2007	12:13	4.79E+02	1.91E+02	1.96E+02	-7.20E-01	3.46E-01	6.26E-01	-3.18E+00	5.16E+00	4.39E+00	-4.54E-01	3.75E+00	3.99E+00	NA	NA	NA	
	003	162.5	-150.2	10/11/2007	14:18	3.49E+02	1.65E+02	1.73E+02	7.93E-03	7.98E-01	9.60E-01	-4.46E-01	3.00E+00	3.28E+00	-1.91E-02	2.94E+00	3.30E+00	NA	NA	NA	
	004	162.5	-150.2	1/9/2008	10:51	5.68E+02	1.77E+02	1.72E+02	3.19E-03	5.55E-01	7.17E-01	-4.52E-01	3.50E+00	3.89E+00	2.23E+00	6.11E+00	4.38E+00	NA	NA	NA	
	005	162.5	-150.2	4/23/2008	11:23	4.44E+02	1.70E+02	2.65E+02	1.82E-01	4.33E-01	7.87E-01	8.04E-01	1.06E+00	1.84E+00	6.60E-01	1.13E+00	1.94E+00	5.30E+00	1.52E+01	2.60E+01	
	006	162.5	-150.2	7/29/2008	14:56	4.48E+02	1.07E+02	1.63E+02	-8.79E-02	2.50E-01	4.37E-01	-2.09E+00	2.34E+00	3.61E+00	9.03E-01	2.59E+00	4.48E+00	NA	NA	NA	
	007	162.5	-150.2	11/4/2008	12:45	6.85E+02	1.86E+02	1.76E+02	-1.44E-01	5.53E-01	7.46E-01	1.77E-01	5.37E+00	6.12E+00	7.78E-01	6.21E+00	7.23E+00	NA	NA	NA	
	008	162.5	-150.2	1/29/2009	11:57	5.81E+02	2.40E+02	1.95E+02	2.86E-01	5.64E-01	6.42E-01	5.82E+00	7.23E+00	3.42E+00	-1.73E-01	2.81E+00	3.03E+00	NA	NA	NA	
	009	162.5	-150.2	5/4/2009	14:39	4.36E+02	1.94E+02	1.66E+02	-1.10E-02	6.03E-01	7.41E-01	-2.88E-01	5.57E+00	3.71E+00	-4.47E+00	4.50E+00	3.64E+00	NA	NA	NA	
	010	162.5	-150.2	7/30/2009	13:45	6.96E+02	1.98E+02	1.89E+02	-1.33E-01	3.60E-01	5.06E-01	-2.87E+00	5.47E+00	5.52E+00	-1.49E-01	5.80E+00	6.40E+00	NA	NA	NA	
	011	162.5	-150.2	11/3/2009	13:47	5.22E+02	1.64E+02	1.61E+02	4.30E-01	8.28E-01	9.38E-01	5.72E-01	4.56E+00	5.33E+00	6.80E+00	4.98E+00	7.07E+00	NA	NA	NA	
	012	162.5	-150.2	2/8/2010	15:36	5.94E+02	1.77E+02	1.78E+02	-1.49E-01	5.64E-01	7.92E-01	-8.47E-02	6.87E+00	5.81E+00	9.37E-01	4.95E+00	5.83E+00	NA	NA	NA	
	013	162.5	-150.2	4/26/2010	14:30	5.29E+02	1.70E+02	1.43E+02	1.98E-01	5.64E-01	6.75E-01	-1.45E+00	7.71E+00	8.86E+00	-2.98E+00	6.17E+00	5.91E+00	NA	NA	NA	
	014	162.5	-150.2	8/10/2010	11:21	4.13E+02	1.74E+02	1.78E+02	2.45E-01	4.43E-01	4.98E-01	-6.87E-01	8.55E+00	9.17E+00	-5.25E-01	8.23E+00	9.24E+00	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-63-163	015	162.5	-150.2	11/2/2010	11:49	4.44E+02	1.41E+02	1.10E+02	7.71E-01	8.38E-01	8.77E-01	-3.99E+00	9.88E+00	1.10E+01	2.94E+00	6.12E+00	7.63E+00	NA	NA	NA	MW-63-163
	016	162.5	-150.2	3/2/2011	10:27	6.05E+02	3.76E+02	2.95E+02	1.37E+00	1.99E+00	2.12E+00	3.09E+00	5.40E+00	6.62E+00	-2.05E+00	7.72E+00	7.12E+00	NA	NA	NA	
	017	162.5	-150.2	4/19/2011	9:49	4.92E+02	4.84E+02	5.03E+02	1.11E+00	1.82E+00	2.00E+00	4.43E-01	8.94E+00	9.98E+00	4.78E+00	1.02E+01	1.26E+01	NA	NA	NA	
	018	162.5	-150.2	7/21/2011	10:09	5.08E+02	4.26E+02	4.36E+02	-6.14E-01	1.01E+00	1.48E+00	-8.47E-01	7.47E+00	8.17E+00	4.07E-01	7.53E+00	8.66E+00	-8.69E+00	1.47E+01	1.67E+01	
	019	162.5	-150.2	8/3/2011	10:06	4.41E+02	3.54E+02	3.08E+02	7.99E-02	1.35E+00	1.69E+00	5.51E-01	8.40E+00	9.33E+00	2.23E+00	1.03E+01	1.20E+01	NA	NA	NA	
	020	162.5	-150.2	10/18/2011	11:37	4.85E+02	3.75E+02	3.80E+02	9.47E-01	1.35E+00	1.43E+00	-4.58E+00	9.51E+00	9.82E+00	-1.98E+00	6.54E+00	7.63E+00	NA	NA	NA	
MW-63-174	001	174	-161.7	5/15/2007	11:54	5.93E+02	2.12E+02	1.73E+02	2.64E-01	7.62E-01	9.04E-01	-6.91E-01	2.52E+00	2.70E+00	8.16E-03	2.49E+00	2.76E+00	1.30E+00	1.28E+01	1.51E+01	MW-63-174
	002	174	-161.7	7/25/2007	12:00	5.28E+02	1.94E+02	1.97E+02	-2.78E-01	4.41E-01	6.59E-01	6.28E-01	3.98E+00	4.55E+00	-3.03E-01	3.45E+00	3.80E+00	NA	NA	NA	
	003	174	-161.7	10/11/2007	14:22	3.70E+02	1.65E+02	1.72E+02	-2.85E-01	7.14E-01	9.39E-01	1.94E+00	2.90E+00	2.70E+00	-8.59E-01	2.56E+00	2.71E+00	NA	NA	NA	
	004	174	-161.7	1/9/2008	10:45	6.23E+02	1.79E+02	1.72E+02	6.16E-01	6.95E-01	7.24E-01	-1.24E+00	3.14E+00	3.33E+00	1.48E+00	3.03E+00	3.77E+00	NA	NA	NA	
	005	174	-161.7	4/23/2008	11:21	4.89E+02	1.72E+02	2.65E+02	-6.82E-02	3.65E-01	7.48E-01	-5.74E-01	2.01E+00	3.30E+00	3.66E-01	2.43E+00	4.19E+00	-2.14E+00	1.44E+01	2.50E+01	
	006	174	-161.7	7/29/2008	14:40	4.49E+02	1.40E+02	1.92E+02	6.56E-02	2.76E-01	4.80E-01	-3.76E-01	2.23E+00	3.71E+00	-1.72E+00	2.65E+00	3.79E+00	NA	NA	NA	
	007	174	-161.7	11/4/2008	12:44	4.77E+02	2.04E+02	1.99E+02	-2.76E-01	5.52E-01	7.83E-01	-2.68E+00	4.83E+00	4.74E+00	1.18E+00	5.45E+00	6.30E+00	NA	NA	NA	
	008	174	-161.7	1/29/2009	11:55	4.92E+02	2.28E+02	1.97E+02	4.27E-01	5.96E-01	6.57E-01	-4.53E-01	3.81E+00	3.67E+00	-1.34E+00	3.29E+00	3.32E+00	NA	NA	NA	
	009	174	-161.7	5/4/2009	14:28	4.57E+02	1.94E+02	1.63E+02	-2.15E-01	6.62E-01	7.87E-01	1.98E-01	4.58E+00	3.05E+00	-2.66E+00	3.11E+00	2.63E+00	NA	NA	NA	
	010	174	-161.7	7/30/2009	13:05	4.22E+02	1.86E+02	1.89E+02	-1.74E-01	5.20E-01	6.82E-01	1.48E-01	5.52E+00	6.18E+00	1.22E+00	5.79E+00	6.83E+00	NA	NA	NA	
	011	174	-161.7	11/3/2009	13:53	4.98E+02	1.64E+02	1.61E+02	-1.04E-02	7.92E-01	9.91E-01	1.30E+00	6.69E+00	7.80E+00	5.41E+00	6.04E+00	8.21E+00	NA	NA	NA	
	012	174	-161.7	2/8/2010	15:32	5.05E+02	1.74E+02	1.78E+02	3.28E-02	6.25E-01	8.03E-01	-9.48E-02	3.76E+00	4.18E+00	-2.02E+00	3.76E+00	3.88E+00	NA	NA	NA	
	013	174	-161.7	4/26/2010	14:28	4.98E+02	1.71E+02	1.46E+02	-1.69E-02	5.53E-01	7.24E-01	2.68E+00	4.74E+00	5.86E+00	-4.68E+00	5.26E+00	4.32E+00	NA	NA	NA	
	014	174	-161.7	8/10/2010	11:40	3.33E+02	1.65E+02	1.71E+02	3.54E-01	5.43E-01	6.01E-01	-3.32E+00	7.07E+00	6.89E+00	-1.41E+00	7.84E+00	8.11E+00	NA	NA	NA	
	015	174	-161.7	11/2/2010	11:50	2.63E+02	1.26E+02	1.13E+02	-1.42E-01	4.59E-01	6.06E-01	-6.01E-01	6.03E+00	6.82E+00	2.17E-01	6.42E+00	7.11E+00	NA	NA	NA	
	016	174	-161.7	3/2/2011	10:26	4.13E+02	3.30E+02	2.91E+02	8.20E-01	1.80E+00	2.03E+00	3.65E+00	6.96E+00	8.18E+00	2.34E+00	7.86E+00	9.20E+00	NA	NA	NA	
	017	174	-161.7	4/19/2011	9:52	1.56E+02	4.48E+02	5.04E+02	-7.87E-01	9.72E-01	1.48E+00	-6.41E+00	8.32E+00	7.72E+00	-9.85E-01	8.58E+00	9.20E+00	NA	NA	NA	
	018	174	-161.7	7/21/2011	9:57	4.14E+02	4.17E+02	4.36E+02	6.96E-01	1.85E+00	2.10E+00	-3.57E+00	8.10E+00	8.27E+00	4.67E-01	9.36E+00	1.09E+01	-2.55E+00	1.33E+01	1.49E+01	
	019	174	-161.7	8/3/2011	10:18	6.09E+02	3.93E+02	3.09E+02	6.96E-01	1.49E+00	1.68E+00	-4.15E+00	9.15E+00	8.88E+00	4.51E+00	8.19E+00	1.05E+01	NA	NA	NA	
	020	174	-161.7	10/18/2011	11:42	4.53E+02	3.72E+02	3.80E+02	1.02E+00	1.71E+00	1.86E+00	-6.37E-02	8.43E+00	1.03E+01	-4.33E+00	8.13E+00	9.02E+00	NA	NA	NA	
MW-65-48	001	43.3	26.356	1/4/2007	12:00	2.08E+02	1.83E+02	1.80E+02	0.00E+00	7.80E-01	8.60E-01	1.60E+00	3.60E+00	3.90E+00	-5.00E-01	3.00E+00	3.70E+00	-2.20E+00	6.30E+00	7.30E+00	MW-65-48
	002	43.3	26.356	7/7/2011	12:19	8.59E+01	2.43E+02	2.85E+02	5.73E-01	1.04E+00	1.15E+00	4.10E+00	9.03E+00	1.09E+01	-1.15E+00	1.12E+01	1.18E+01	-5.93E+00	2.39E+01	2.69E+01	
MW-65-80	001	71.4	-1.659	9/8/2006	9:40	3.29E+01	1.62E+02	1.74E+02	4.72E-01	9.80E-01	1.04E+00	-5.15E-01	1.99E+00	2.18E+00	-2.34E-01	1.81E+00	1.98E+00	NA	NA	NA	MW-65-80
	002	71.4	-1.659	1/4/2007	12:35	1.83E+02	1.80E+02	1.80E+02	1.60E-01	7.80E-01	8.70E-01	-2.50E-01	2.22E+00	2.50E+00	-1.13E+00	2.31E+00	2.80E+00	-1.90E+00	6.60E+00	7.40E+00	
	003	71.4	-1.659	7/13/2011	10:12	8.54E+01	2.41E+02	2.84E+02	1.26E-01	9.24E-01	1.12E+00	-2.33E+00	9.12E+00	9.46E+00	2.88E+00	1.15E+01	1.34E+01	-1.27E+01	2.00E+01	2.29E+01	
MW-66-21	001	14.1	0	7/30/2007	13:45	3.57E+03	2.91E+02	1.96E+02	1.79E+00	7.08E-01	2.08E+03	1.77E-01	3.07E+00	3.51E+00	2.21E+00	3.27E+00	4.20E+00	NA	NA	NA	MW-66-21
	002	14.1	0	10/15/2007	10:45	1.04E+03	2.24E+02	1.95E+02	2.42E+00	7.97E-01	5.30E-01	-8.32E-01	3.03E+00	2.74E+00	1.01E-01	2.79E+00	3.18E+00	1.48E+01	2.06E+01	2.28E+01	
	003	14.1	0	1/14/2008	11:33	8.18E+02	4.62E+02	4.16E+02	1.09E+00	8.96E-01	8.19E-01	1.68E+00	3.14E+00	3.77E+00	2.35E+00	3.86E+00	4.26E+00	-5.07E+00	2.12E+01	2.55E+01	
	004	14.1	0	4/21/2008	14:10	9.53E+02	1.51E+02	1.93E+02	1.01E+00	2.05E-01	2.82E-01	6.53E-01	2.36E+00	4.07E+00	1.86E-02	2.26E+00	3.74E+00	-7.28E+00	8.88E+00	1.55E+01	
	005	14.1	0	7/29/2008	11:48	7.83E+02	1.02E+02	1.30E+02	9.07E-01	3.56E-01	4.39E-01	-1.01E+00	1.88E+00	2.92E+00	1.71E+00	2.17E+00	3.99E+00	-6.26E+00	1.66E+01	2.99E+01	
	006	14.1	0	11/4/2008	10:30	5.34E+02	2.07E+02	1.64E+02	1.03E+00	6.96E-01	6.69E-01	1.44E+00	4.67E+00	5.42E+00	2.98E+00	5.17E+00	6.47E+00	-5.68E+00	1.79E+01	2.09E+01	
	007	14.1	0	1/27/2009	13:52	4.61E+02	1.74E+02	1.75E+02	2.91E-01	7.50E-01	8.72E-01	1.60E-01	5.45E+00	3.11E+00	-1.87E+00	2.90E+00	2.71E+00	1.29E+01	1.74E+01	1.93E+01	
	008	14.1	0	3/17/2009	12:00	4.29E+02	3.80E+02	3.81E+02	3.49E-01	6.45E-01	7.29E-01	1.60E-01	6.36E+00	4.24E+00	1.72E+00	3.84E+00	4.65E+00	-4.98E+00	1.70E+01	1.99E+01	
	009	14.1	0	4/20/2009	17:00	8.28E+01	1.65E+02	1.87E+02	1.93E-01	5.55E-01	6.50E-01	1.27E+00	7.23E+00	4.82E+00	9.73E-01	4.11E+00	4.84E+00	-1.86E+00	1.94E+01	2.22E+01	
	010	14.1	0	7/28/2009	14:10	8.23E+02	2.52E+02	2.01E+02	4.51E-01	6.90E-01	7.54E-01	-4.32E-01	4.04E+00	4.51E+00	8.39E-01	3.65E+00	4.34E+00	8.48E+00	2.07E+01	2.33E+01	
	011	14.1	0	11/11/2009	13:46	9.51E+02	2.57E+02	2.04E+02	3.59E-01	8.07E-01	9.17E-01	-2.53E-01	5.70E+00	6.26E+00	1.12E+00	5.73E+00	6.68E+00	-1.49E-01	1.65E+01	1.90E+01	
	012	14.1	0	2/22/2010	14:36	9.60E+02	2.00E+02	1.75E+02	8.97E-01	7.30E-01	7.14E-01	4.96E-01	4.72E+00	5.31E+00	-1.35E+00	5.07E+00	5.41E+00	-5.33E+00	1.96E+01	2.28E+01	
	013	14.1	0	4/9/2010	15:27	9.50E+02	4.07E+02	3.82E+02	1.12E-02	4.34E-01	5.44E-01	3.09E+00	6.75E+00	8.43E+00	3.15E+00	5.19E+00	7.18E+00	-2.25E+00	1.92E+01	2.25E+01	
	014	14.1	0	8/9/2010	12:30	1.07E+03	2.01E+02	1.29E+02	1.17E+00	5.52E-01	4.41E-01	-5.85E+00	9.45E+00	9.34E+00	-9.97E-01	8.07E+00	8.65E+00	3.11E+00	1.19E+01	1.37E+01	
	015	14.1	0	11/10/2010	15:13	3.22E+02	1.64E+02	3.46E+02	2.57E-01	7.74E-01	1.84E+00	6.04E+00	5.26E+00	1.28E+01	-1.91E-01	5.67E+00	1.26E+01	9.56E+00	8.45E+00	1.85E+01	
	016	14.1	0	1/31/2011	16:26	4.77E+02	4.08E+02	4.24E+02	3.48E-01	1.73E+00	2.02E+00	-2.19E-01	5.00E+00	5.33E+00	9.80E-01	6.50E+00	7.23E+00	-1.06E+00	1.84E+01	2.14E+01	
	017	14.1	0	4/14/2011	13:43	9.30E+01	3.88E+02	4.46E+02	6.73E-01	1.64E+00	1.85E+00	-4.70E+00	8.74E+00	8.45E+00	6.94E+00	9.82E+00	1.25E+01	1.81E+00	1.51E+01	1.72E+01	
	018	14.1	0	8/8/2011	10:55	7.84E+02	3.90E+02	3.73E+02	8.00E-01	1.44E+00	1.59E+00	-2.25E+00	8.16E+00	8.11E+00	3.27E-01	7.05E+00	7.73E+00	6.75E+00	9.00E+00	9.81E+00	
	019	14.1	0	11/29/2011	11:08	2.64E+02	3.27E+02	3.32E+02	3.54E-01	1.33E+00	1.49E+00	7.86E-01	6.60E+00	8.51E+00	1.73E+00	7.50E+00	1.01E+01	-3.27E+00	1.37E+01	1.56E+01	
MW-66-36	001	33.6	-19.5	7/30/2007	12:49	9.10E+03	4.13E+02	1.94E+02	6.20E+00	1.19E+00	6.05E-01	-9.84E-01	2.67E+00	2.76E+00	-5.59E-01	2.90E+00	3.06E+00	NA	NA	NA	MW-66-36
	002	33.6	-19.5	10/15/2007	10:16	8.95E+03	4.61E+02	1.92E+02	1.12E+01	1.61E+00	5.63E-01	0.00E+00	8.34E+00	4.32E+00	-2.92E-01	4.34E+00	4.68E+00	1.17E+01	1.88E+01	2.09E+01	
	003	33.6	-19.5	1/14/2008	11:40	7.26E+03	1.01E+03	4.16E+02	1.51E+01	2.40E+00	8.34E-01	2.34E+00	3.38E+00	4.14E+00	-1.08E+00	3.78E+00	3.39E+00	7.19E+00	2.36E+01	2.71E+01	
	004	33.6	-19.5	4/21/2008	13:25	6.09E+03	2.89E+02	1.97E+02	1.32E+01	5.27E-01	3.65E-01	-2.89E-01	2.09E+00	3.46E+00	-2.09E+00	3.54E+00	4.13E+00	-3.35E-01	8.98E+00	1.54E+01	
	005	33.6	-19.5	7/29/2008	12:05	5.01E+03	1.91E+02	1.30E+02	1.20E+01	1.06E+00	6.20E-01	2.07E-01	1.66E+00	2.82E+00	-1.05E+00	1.93E+00	3.00E+00	-1.00E+00	1.69E+01	2.98E+01	
	006	33.6	-19.5	11/4/2008	10:40	5.44E+03	5.34E+02	1.67E+02	1.38E+01	1.71E+00	5.23E-01	6.91E-01	4.32E+00	4.90E+00	1.78E+00	5.24E+00	6.23E+00	9.57E-01	1.64E+01	1.88E+01	
	007	33.6	-19.5	1/27/2009	13:07	3.65E+03	7.62E+02	4.41E+02	1.22E+01	1.56E+00	6.15E-01	-1.04E+00	2.88E+00	3.06E+00	6.35E-02	3.27E+00	3.72E+00	1.45E+01	1.70E+01	1.87E+01	
	008	33.6	-19.5	4/20/2009	15:26	4.39E+03	4.34E+02	1.87E+02	1.07E+01	1.42E+00	5.97E-01	5.54E-02	6.44E+00	4.29E+00	-1.13E+00	4.05E+00	4.20E+00	8.95E+00	1.97E+01	2.21E+01	
	009	33.6	-19.5	7/28/2009	13:41	3.05E+03	4.10E+02	2.10E+02	7.51E+00	1.21E+00	3.95E-01	3.19E+00	6.23E+00	3.54E+00	-6.56E-01	3.65E+00	3.98E+00	6.22E+00	1.92E+01	2.16E+01	
	010	33.6	-19.5	11/11/2009	13:18	4.32E+03	4.44E+02	2.04E+02	6.82E+00	1.24E+00	6.70E-01	3.75E+00	6.95E+00	8.31E+00	-8.32E-01	7.47E+00	7.95E+00	-3.91E+00	1.77E+01	2.08E+01	
	011	33.6	-19.5	2/22/2010	14:04	3.43E+03	2.91E+02	1.75E+02	7.03E+00	1.53E+00	7.17E-01	4.16E-01	4.70E+00	5.29E+00	4.35E-01	5.42E+00	6.09E+00	-8.21E+00	1.94E+01	2.26E+01	
	012	33.6	-19.5	4/9/2010	15:17	3.64E+03	5.90E+02	3.87E+02	7.05E+00	1.36E+00	7.54E-01	1.79E+00	7.65E+00	9.10E+00	6.63E+00	8.54E+00	1.20E+01	-7.64E+00	1.69E+01	2.02E+01	
	013	33.6	-19.5	8/9/2010	11:47	3.08E+03	3.06E+02	1.24E+02	6.40E+00	1.07E+00	3.74E-01	-1.53E+00	8.82E+00	9.41E+00	4.62E+00	7.61E+00	1.02E+01	4.59E+00	1.58E+01	1.80E+01	
	014	33.6	-19.5	11/10/2010	12:33	3.13E+03	2.96E+02	3.96E+02	7.43E+00	1.03E+00	1.13E+00	5.42E+00	3.87E+00	9.67E+00	7.18E-01	4.34E+00	9.81E+00	-4.23E+00	9.63E+00	2.16E+01	
	015	33.6	-19.5	1/31/2011	15:51	3.01E+03	6.78E+02	4.61E+02	1.55E+01	3.18E+00	2.11E+00	-1.13E+00	6.12E+00	6.49E+00	-8.31E-01	6.80E+00	7.15E+00	-4.89E+00	1.79E+01	2.12E+01	
	016	33.6	-19.5	4/14/2011	12:53	3.52E+03	7.36E+02	4.79E+02	1.06E+01	2.88E+00	1.95E+00	1.50E-01	7.24E+00	8.14E+00	5.40E-01	7.92E+00	9.01E+00	6.10E-01	1.55E+01	1.79E+01	
	017	33.6	-19.5	8/8/2011	10:49	3.90E+03	5.91E+02	3.74E+02	8.00E+00	2.60E+00	1.61E+00	-3.94E+00	1.11E+01	1.07E+01	1.48E+00	1.26E+01	1.46E+01	2.82E+00	1.53E+01	1.71E+01	
	018	33.6	-19.5	11/29/2011	11:01	3.34E+03	6.78E+02	4.85E+02	1.02E+01	1.77E+00	1.38E+00	5.21E+00	9.78E+00	1.32E+01	1.63E+00	8.64E+00	1.21E+01	0.00E+00	1.94E+01	2.18E+01	
MW-67-39	001	38.3	-25.8	8/31/2007	12:05	4.86E+03	4.34E+02	1.92E+02	1.86E+01	1.86E+00	4.73E-01	-1.93E-01	2.02E+00	2.24E+00	-9.45E-01	2.00E+00	2.09E+00	NA	NA	NA	MW-67-39
	002	38.3	-25.8	10/1/2007	11:30	5.07E+03	3.75E+02	1.95E+02	2.71E+01	2.44E+00	6.21E-01	1.02E+01	4.11E+00	1.98E+00	3.69E-01	2.07E+00	2.39E+00	2.51E+00	1.68E+01	1.93E+01	
	004	38.3	-25.8	2/25/2008	15:38	4.17E+03	8.28E+02	5.29E+02	2.05E+01	1.77E+00	6.97E-01	-1.15E+00	3.44E+00	3.73E+00	1.99E+00	4.39E+00	3.98E+00	-5.41E-01	2.26E+01	2.63E+01	
	005	38.3	-25.8	7/28/2008	14:07	3.87E+03	1.72E+02	1.30E+02	1.37E+01	1.11E+00	3.97E-01	-1.03E+00	2.60E+00	3.42E+00	4.47E-01	2.15E+00	3.68E+00	6.34E+00	1.67E+01	2.88E+01	
	007	38.3	-25.8	12/18/2008	11:30	3.18E+03	2.66E+02	1.71E+02	1.62E+01	1.69E+00	1.00E+00	1.18E+00	4.61E+00	5.40E+00	7.33E-01	5.04E+00	5.81E+00	8.37E-01	1.68E+01	1.94E+01	
	008	38.3	-25.8	1/27/2009	16:15	3.67E+03	2.91E+02	1.92E+02	1.42E+01	1.71E+00	7.62E-01	-8.03E-01	2.04E+00	2.15E+00	-1.11E-01	2.06E+00	2.25E+00	1.12E+01	1.68E+01	1.87E+01	
	009	38.3	-25.8	4/20/2009	15:02	3.88E+03	4.14E+02	1.90E+02	1.13E+01	1.56E+00	5.49E-01	-2.66E-01	7.17E+00	4.78E+00	1.31E-01	3.74E+00	4.21E+00	1.36E+01	2.06E+01	2.29E+01	
	010	38.3	-25.8	7/28/2009	15:04	2.69E+03	3.87E+02	2.08E+02	6.37E+00	1.11E+00	3.98E-01	1.90E-01	3.01E+00	3.45E+00	2.33E-01	3.24E+00	3.70E+00	-3.64E+00	1.79E+01	2.06E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-67-39	011	38.3	-25.8	11/11/2009	14:09	2.80E+03	2.43E+02	1.65E+02	1.35E+01	1.83E+00	7.82E-01	-1.20E+00	8.07E+00	8.84E+00	-1.94E+00	1.00E+01	1.07E+01	-3.83E+00	1.49E+01	1.73E+01	MW-67-39
	012	38.3	-25.8	3/3/2010	13:54	2.55E+03	2.63E+02	1.75E+02	1.24E+01	1.89E+00	6.63E-01	-9.37E-01	5.29E+00	5.81E+00	2.05E+00	6.38E+00	7.62E+00	-9.06E+00	2.03E+01	2.37E+01	
	013	38.3	-25.8	5/6/2010	15:38	3.30E+03	3.60E+02	1.70E+02	9.77E+00	1.69E+00	5.74E-01	-1.53E+00	9.44E+00	1.08E+01	-1.11E+00	7.71E+00	8.22E+00	-1.04E+01	2.13E+01	2.48E+01	
	014	38.3	-25.8	8/9/2010	10:43	3.37E+03	3.15E+02	1.22E+02	8.52E+00	1.21E+00	5.69E-01	-9.27E+00	1.08E+01	1.30E+01	-1.39E+00	8.28E+00	8.77E+00	-2.31E+00	1.43E+01	1.69E+01	
	015	38.3	-25.8	11/10/2010	11:49	3.56E+03	3.09E+02	3.95E+02	5.43E+00	8.85E-01	1.10E+00	1.04E+00	3.96E+00	8.88E+00	2.82E+00	4.30E+00	1.04E+01	-1.86E+00	9.87E+00	2.21E+01	
	016	38.3	-25.8	2/7/2011	13:48	3.85E+03	7.60E+02	4.81E+02	1.57E+01	3.34E+00	1.83E+00	8.03E-02	6.18E+00	6.83E+00	6.64E-01	6.78E+00	7.57E+00	4.43E+00	1.97E+01	2.23E+01	
	017	38.3	-25.8	4/14/2011	13:25	3.73E+03	7.14E+02	4.17E+02	1.25E+01	3.76E+00	2.10E+00	4.53E+00	8.78E+00	1.04E+01	3.71E+00	9.54E+00	1.14E+01	6.99E+00	1.47E+01	1.63E+01	
	018	38.3	-25.8	8/8/2011	12:26	3.62E+03	5.76E+02	3.73E+02	5.31E+00	2.39E+00	1.98E+00	-3.01E+00	8.34E+00	8.17E+00	-7.13E+00	8.22E+00	7.50E+00	5.90E+00	1.71E+01	1.90E+01	
	019	38.3	-25.8	11/29/2011	13:59	3.51E+03	8.07E+02	3.31E+02	1.30E+01	2.39E+00	1.94E+00	-1.60E+01	1.39E+01	1.60E+01	-1.78E+00	9.48E+00	1.17E+01	2.69E+00	1.24E+01	1.38E+01	
MW-67-105	001	104.8	-92.3	8/31/2007	12:35	1.86E+03	5.16E+02	3.34E+02	1.11E+00	6.12E-01	5.26E-01	2.26E-01	2.00E+00	2.00E+00	-3.08E-01	1.68E+00	1.86E+00	NA	NA	NA	MW-67-105
	002	104.8	-92.3	10/1/2007	11:40	2.64E+03	2.96E+02	1.95E+02	4.12E-01	8.28E-01	9.46E-01	0.00E+00	6.11E+00	3.77E+00	-4.57E-01	3.63E+00	3.96E+00	1.05E+01	1.58E+01	1.76E+01	
	003	104.8	-92.3	1/11/2008	15:15	2.43E+03	6.42E+02	4.15E+02	7.58E-01	9.98E-01	1.07E+00	9.32E+00	5.13E+00	2.83E+00	7.44E-01	3.60E+00	3.70E+00	1.81E+01	2.42E+01	2.67E+01	
	004	104.8	-92.3	2/25/2008	13:44	2.38E+03	6.89E+02	5.30E+02	1.13E+00	7.89E-01	8.12E-01	-1.27E+00	3.25E+00	3.38E+00	-4.79E-02	2.97E+00	3.25E+00	1.24E+01	1.74E+01	1.93E+01	
	005	104.8	-92.3	7/28/2008	14:25	2.16E+03	1.40E+02	1.37E+02	9.63E-01	3.54E-01	4.16E-01	4.17E-01	1.59E+00	2.78E+00	7.65E-01	1.51E+00	2.78E+00	7.25E+00	1.65E+01	2.85E+01	
	006	104.8	-92.3	11/3/2008	14:21	2.93E+03	4.02E+02	1.66E+02	1.11E+00	5.60E-01	4.64E-01	-2.48E-01	6.36E+00	7.11E+00	7.75E-02	6.87E+00	7.59E+00	6.32E+00	1.68E+01	1.90E+01	
	007	104.8	-92.3	1/27/2009	16:45	1.96E+03	2.42E+02	1.92E+02	4.08E-01	8.30E-01	9.49E-01	-1.13E+00	3.32E+00	2.71E+00	-3.40E-02	2.39E+00	2.66E+00	1.21E+01	1.64E+01	1.81E+01	
	008	104.8	-92.3	4/20/2009	16:00	1.98E+03	3.15E+02	1.88E+02	6.38E-01	6.92E-01	7.12E-01	-1.78E+00	4.89E+00	3.26E+00	3.61E-01	3.35E+00	3.92E+00	1.01E+01	1.97E+01	2.20E+01	
	009	104.8	-92.3	7/28/2009	15:15	1.77E+03	3.30E+02	2.09E+02	5.33E-01	4.15E-01	3.68E-01	1.59E+00	2.85E+00	3.42E+00	-7.22E-01	3.54E+00	3.64E+00	1.17E+01	1.83E+01	2.04E+01	
	010	104.8	-92.3	11/11/2009	14:31	2.12E+03	3.32E+02	2.03E+02	8.49E-01	5.43E-01	4.85E-01	1.63E-01	5.89E+00	6.71E+00	4.21E-01	7.59E+00	7.67E+00	-2.17E+00	1.71E+01	1.99E+01	
	011	104.8	-92.3	3/3/2010	14:01	1.59E+03	2.28E+02	1.79E+02	5.90E-01	7.56E-01	8.05E-01	-2.99E-01	4.00E+00	4.38E+00	-1.50E+00	4.14E+00	4.26E+00	-4.08E+00	1.91E+01	2.23E+01	
	012	104.8	-92.3	5/6/2010	15:46	1.54E+03	2.60E+02	1.64E+02	1.77E+00	1.01E+00	7.88E-01	4.33E-01	8.65E+00	9.84E+00	3.51E+00	1.01E+01	1.24E+01	-6.18E+00	2.07E+01	2.40E+01	
	013	104.8	-92.3	8/9/2010	10:37	1.26E+03	2.10E+02	1.24E+02	2.61E+00	8.16E-01	6.26E-01	1.46E+00	6.24E+00	7.48E+00	1.75E+00	5.78E+00	7.28E+00	9.56E+00	1.69E+01	1.90E+01	
	014	104.8	-92.3	11/10/2010	11:42	1.14E+03	2.24E+02	3.95E+02	1.41E+00	8.12E-01	1.69E+00	-1.68E+00	3.59E+00	7.64E+00	-3.12E+00	4.14E+00	8.26E+00	1.24E+00	8.56E+00	1.90E+01	
	015	104.8	-92.3	2/7/2011	13:57	9.94E+02	4.26E+02	3.86E+02	3.37E-01	1.64E+00	1.94E+00	2.40E+00	4.84E+00	5.67E+00	-1.22E+00	4.86E+00	4.81E+00	-4.59E+00	1.96E+01	2.31E+01	
	016	104.8	-92.3	4/14/2011	13:43	1.10E+03	4.84E+02	4.12E+02	2.70E-01	1.72E+00	2.11E+00	-3.96E-01	9.66E+00	1.05E+01	-1.91E-01	7.24E+00	7.88E+00	5.71E+00	1.55E+01	1.73E+01	
	017	104.8	-92.3	8/8/2011	12:48	1.42E+03	4.38E+02	3.74E+02	7.40E-01	1.71E+00	1.92E+00	-4.93E-01	7.77E+00	8.36E+00	-6.18E+00	8.67E+00	7.26E+00	6.67E+00	1.25E+01	1.38E+01	
	018	104.8	-92.3	11/29/2011	14:10	1.89E+03	5.94E+02	4.78E+02	1.13E+00	1.74E+00	1.90E+00	-1.36E+00	8.73E+00	1.01E+01	-1.41E+00	8.73E+00	1.04E+01	3.65E+00	1.97E+01	2.20E+01	
MW-67-173	001	172.3	-159.8	8/31/2007	13:04	1.05E+03	4.28E+02	3.37E+02	3.73E-01	3.77E-01	4.12E-01	-1.46E+00	3.56E+00	3.68E+00	1.19E-02	3.75E+00	4.15E+00	NA	NA	NA	MW-67-173
	002	172.3	-159.8	10/1/2007	12:30	1.01E+03	2.25E+02	1.95E+02	1.48E-01	8.62E-01	1.07E+00	-1.34E+00	3.79E+00	4.01E+00	2.82E+00	3.25E+00	3.77E+00	4.12E+00	1.71E+01	1.96E+01	
	004	172.3	-159.8	2/25/2008	14:00	9.51E+02	5.51E+02	5.30E+02	-4.12E-01	6.06E-01	7.76E-01	6.65E-01	2.82E+00	3.23E+00	-3.63E-01	2.54E+00	2.70E+00	-5.95E+00	2.37E+01	2.82E+01	
	005	172.3	-159.8	7/28/2008	14:42	9.12E+02	1.09E+02	1.36E+02	1.05E-01	2.66E-01	4.85E-01	-1.22E+00	2.06E+00	3.19E+00	-3.63E-01	2.14E+00	3.49E+00	5.88E+00	1.64E+01	2.84E+01	
	006	172.3	-159.8	11/3/2008	14:37	9.93E+02	2.58E+02	1.66E+02	-3.48E-02	2.59E-01	3.02E-01	-1.41E+00	6.69E+00	6.32E+00	1.49E+00	6.66E+00	7.65E+00	-1.40E+00	1.69E+01	1.97E+01	
	007	172.3	-159.8	1/27/2009	16:33	7.57E+02	2.00E+02	1.92E+02	4.35E-01	5.94E-01	6.32E-01	-1.51E+00	3.86E+00	3.90E+00	-1.24E+00	2.58E+00	2.73E+00	1.48E+01	1.79E+01	1.96E+01	
	008	172.3	-159.8	3/17/2009	14:00	6.73E+02	4.19E+02	3.81E+02	-5.07E-01	5.72E-01	6.95E-01	-1.51E+00	5.85E+00	3.90E+00	8.14E-01	3.41E+00	4.00E+00	-3.42E+00	1.71E+01	2.00E+01	
	009	172.3	-159.8	4/20/2009	15:50	7.47E+02	2.28E+02	1.87E+02	2.33E-01	6.84E-01	7.84E-01	-2.70E+00	7.05E+00	4.70E+00	9.39E-01	3.60E+00	4.24E+00	8.40E+01	2.45E+01	2.47E+01	
	010	172.3	-159.8	7/28/2009	15:24	1.05E+03	2.76E+02	2.07E+02	1.59E-01	5.58E-01	6.83E-01	6.46E-01	2.91E+00	3.45E+00	-6.41E-01	3.06E+00	3.17E+00	7.63E-01	1.74E+01	1.99E+01	
	011	172.3	-159.8	11/11/2009	14:50	8.10E+02	2.46E+02	2.04E+02	1.67E-01	6.98E-01	8.18E-01	2.06E-01	9.81E+00	6.60E+00	-1.52E+00	6.95E+00	7.53E+00	-2.17E+00	1.86E+01	2.16E+01	
	012	172.3	-159.8	3/3/2010	14:21	8.70E+02	1.98E+02	1.80E+02	-5.05E-01	5.66E-01	9.10E-01	-3.74E+00	5.84E+00	5.23E+00	3.45E-01	3.84E+00	4.42E+00	-1.67E+00	1.95E+01	2.26E+01	
	013	172.3	-159.8	5/6/2010	16:03	6.78E+02	2.03E+02	1.66E+02	-1.35E-01	4.87E-01	7.07E-01	-3.30E+00	9.64E+00	1.02E+01	-8.48E-01	1.00E+01	1.11E+01	-7.30E+00	2.01E+01	2.37E+01	
	014	172.3	-159.8	8/9/2010	11:07	6.72E+02	1.71E+02	1.27E+02	7.70E-02	4.44E-01	5.35E-01	-7.06E-01	1.34E+01	1.68E+01	6.44E-01	8.97E+00	1.04E+01	-1.44E+00	1.14E+01	1.34E+01	
	015	172.3	-159.8	11/10/2010	12:04	6.25E+02	2.01E+02	3.97E+02	-9.99E-01	6.33E-01	1.86E+00	4.02E-01	7.80E+00	1.12E+01	-1.17E+00	4.83E+00	1.03E+01	-1.65E+00	8.09E+00	1.81E+01	
	016	172.3	-159.8	2/7/2011	14:13	4.47E+02	4.48E+02	4.65E+02	-2.38E-01	1.68E+00	2.12E+00	-4.75E-01	5.28E+00	5.83E+00	7.55E-01	6.38E+00	5.76E+00	-7.05E-01	1.88E+01	2.18E+01	
	017	172.3	-159.8	4/14/2011	14:09	5.72E+02	4.20E+02	4.10E+02	-2.56E-01	1.69E+00	1.99E+00	5.04E+00	9.64E+00	1.17E+01	-9.27E+00	1.03E+01	6.85E+00	7.50E+00	1.23E+01	1.34E+01	
	018	172.3	-159.8	8/8/2011	12:53	6.13E+02	3.75E+02	3.72E+02	-3.44E-01	1.55E+00	1.94E+00	-1.95E+00	8.79E+00	9.16E+00	1.25E+00	8.70E+00	9.80E+00	4.91E+00	1.20E+01	1.33E+01	
	019	172.3	-159.8	11/29/2011	14:23	5.88E+02	4.74E+02	4.78E+02	1.13E+00	1.62E+00	1.76E+00	-1.48E+00	9.87E+00	1.14E+01	-1.48E+00	1.08E+01	1.30E+01	7.39E+00	1.18E+01	1.29E+01	
MW-67-219	001	218.8	-206.3	8/31/2007	13:43	1.25E+03	4.46E+02	3.30E+02	3.27E-02	3.00E-01	3.47E-01	-1.58E-01	3.04E+00	3.32E+00	9.02E-01	3.09E+00	3.68E+00	NA	NA	NA	MW-67-219
	002	218.8	-206.3	10/1/2007	12:53	9.46E+02	2.22E+02	1.95E+02	-2.27E-01	7.50E-01	1.03E+00	1.48E-01	2.60E+00	2.90E+00	1.38E-01	2.37E+00	2.65E+00	1.21E+01	2.64E+01	2.99E+01	
	004	218.8	-206.3	2/25/2008	11:43	1.23E+03	5.81E+02	5.31E+02	-7.61E-02	4.93E-01	6.12E-01	-1.33E+00	3.03E+00	3.18E+00	1.08E+00	3.15E+00	3.78E+00	1.23E+01	1.81E+01	2.03E+01	
	005	218.8	-206.3	7/28/2008	11:00	1.17E+03	1.16E+02	1.36E+02	-7.49E-02	2.34E-01	4.85E-01	-2.91E-01	1.98E+00	3.33E+00	-2.64E-01	1.92E+00	3.18E+00	5.99E+00	1.68E+01	2.90E+01	
	006	218.8	-206.3	11/3/2008	11:31	1.37E+03	2.93E+02	1.68E+02	8.78E-02	1.69E-01	1.91E-01	1.32E+00	4.93E+00	5.86E+00	4.00E+00	6.30E+00	8.05E+00	2.30E+00	1.65E+01	1.88E+01	
	007	218.8	-206.3	1/27/2009	12:34	9.68E+02	2.81E+02	2.50E+02	-7.56E-02	5.30E-01	7.13E-01	-3.58E-01	1.89E+00	2.10E+00	7.86E-02	1.83E+00	2.09E+00	1.14E+01	2.16E+01	2.43E+01	
	008	218.8	-206.3	4/20/2009	12:09	1.18E+03	2.63E+02	1.89E+02	3.27E-01	6.63E-01	7.50E-01	-2.03E+00	6.20E+00	4.13E+00	4.77E-01	4.26E+00	4.84E+00	9.52E+00	1.85E+01	2.08E+01	
	009	218.8	-206.3	7/28/2009	11:11	9.22E+02	2.61E+02	2.03E+02	1.81E-01	8.09E-01	9.66E-01	2.89E+00	3.99E+00	4.97E+00	1.63E+00	3.76E+00	4.67E+00	1.14E+01	1.66E+01	1.85E+01	
	010	218.8	-206.3	11/11/2009	11:16	1.44E+03	2.88E+02	2.00E+02	-1.39E-01	6.37E-01	7.86E-01	1.78E+00	4.86E+00	5.82E+00	-4.94E-01	6.25E+00	6.90E+00	6.03E+00	1.74E+01	1.97E+01	
	011	218.8	-206.3	3/3/2010	11:23	1.09E+03	2.07E+02	1.79E+02	3.26E-01	7.37E-01	8.53E-01	-2.20E+00	3.00E+00	3.18E+00	1.81E+00	3.13E+00	3.73E+00	4.96E+00	1.89E+01	2.15E+01	
	012	218.8	-206.3	5/6/2010	11:51	1.20E+03	2.40E+02	1.66E+02	1.78E-01	6.31E-01	7.71E-01	2.27E+00	8.87E+00	1.05E+01	2.35E+00	7.38E+00	9.29E+00	-7.98E+00	1.95E+01	2.31E+01	
	013	218.8	-206.3	8/9/2010	13:33	1.11E+03	2.01E+02	1.25E+02	9.94E-02	5.32E-01	6.41E-01	-7.99E-01	8.14E+00	9.12E+00	-6.19E+00	9.03E+00	8.33E+00	2.34E+00	1.21E+01	1.39E+01	
	014	218.8	-206.3	11/10/2010	13:40	1.15E+03	2.24E+02	3.96E+02	3.53E-01	7.28E-01	1.78E+00	-2.80E-01	3.60E+00	7.62E+00	2.49E-01	3.62E+00	7.89E+00	-4.41E+00	8.84E+00	1.98E+01	
	015	218.8	-206.3	1/31/2011	14:48	6.41E+02	4.18E+02	4.20E+02	-1.08E+00	1.42E+00	1.97E+00	9.72E-01	5.80E+00	6.44E+00	2.44E+00	5.46E+00	6.55E+00	-4.58E+00	1.81E+01	2.14E+01	
	016	218.8	-206.3	4/14/2011	10:49	1.07E+03	4.78E+02	4.12E+02	-7.57E-01	9.50E-01	1.53E+00	-2.70E+00	6.62E+00	6.47E+00	4.16E+00	9.78E+00	1.20E+01	2.95E+00	1.43E+01	1.62E+01	
	017	218.8	-206.3	8/8/2011	10:33	1.11E+03	4.17E+02	3.73E+02	3.18E-02	1.61E+00	1.90E+00	8.34E-01	7.41E+00	8.13E+00	-6.37E+00	9.30E+00	8.11E+00	1.06E+01	1.64E+01	1.79E+01	
	018	218.8	-206.3	11/29/2011	10:41	1.20E+03	4.92E+02	4.45E+02	3.14E-01	1.42E+00	1.63E+00	-1.12E+01	1.14E+01	1.19E+01	1.99E+00	7.65E+00	1.12E+01	1.02E+01	1.13E+01	1.23E+01	
MW-67-276	001	275.3	-262.8	8/31/2007	12:20	6.79E+02	3.83E+02	3.41E+02	-3.34E-01	3.57E-01	4.29E-01	1.36E+00	3.82E+00	4.02E+00	-9.09E-01	3.75E+00	4.00E+00	NA	NA	NA	MW-67-276
	002	275.3	-262.8	10/1/2007	13:04	1.11E+03	2.30E+02	1.96E+02	3.82E-02	8.36E-01	9.91E-01	-3.32E+00	3.63E+00	3.34E+00	-3.17E-01	3.51E+00	3.31E+00	5.04E-01	1.59E+01	1.84E+01	
	004	275.3	-262.8	2/25/2008	11:48	1.07E+03	5.64E+02	5.29E+02	4.43E-01	7.06E-01	7.88E-01	2.00E+00	3.45E+00	4.21E+00	1.79E+00	4.11E+00	4.33E+00	1.08E+01	1.89E+01	2.11E+01	
	005	275.3	-262.8	7/28/2008	11:09	1.16E+03	1.16E+02	1.36E+02	-5.05E-02	2.76E-01	5.47E-01	-8.94E-01	1.98E+00	3.18E+00	5.92E-01	1.97E+00	3.45E+00	7.55E+00	1.62E+01	2.77E+01	
	006	275.3	-262.8	11/3/2008	11:39	1.18E+03	2.75E+02	1.66E+02	-5.08E-02	1.81E-01	2.16E-01	3.75E-01	5.63E+00	6.29E+00	-7.43E-01	6.00E+00	6.50E+00	7.29E+00	1.73E+01	1.95E+01	
	007	275.3	-262.8	1/27/2009	13:01	1.10E+03	5.12E+02	4.39E+02	3.32E-01	5.93E-01	6.66E-01	2.35E-01	3.24E+00	3.70E+00	-1.19E+00	3.74E+00	3.96E+00	1.15E+01	1.68E+01	1.87E+01	
	008	275.3	-262.8	4/20/2009	12:15	9.46E+02	2.43E+02	1.86E+02	7.29E-03	5.33E-01	6.74E-01	1.18E+00	5.45E+00	3.63E+00	-2.84E-01	3.63E+00	4.04E+00	2.21E+01	2.07E+01	2.28E+01	
	009	275.3	-262.8	7/28/2009	11:15	9.17E+02	2.63E+02	2.04E+02	2.23E-01	3.98E-01	4.46E-01	-6.84E-01	5.00E+00	4.61E+00	2.18E+00	3.71E+00	4.70E+00	7.04E+00	1.76E+01	1.99E+01	
	010	275.3	-262.8	11/11/2009	11:23	1.05E+03	1.88E+02	1.65E+02	2.35E-01	8.09E-01	9.59E-01	9.81E-01	8.21E+00	9.54E+00	4.26E+00	9.15E+00	1.17E+01	1.80E+00	1.66E+01	1.91E+01	
	011	275.3	-262.8	3/3/2010	11:25	1.11E+03	2.10E+02	1.80E+02	-1.30E-01	5.78E-01	8.23E-01	1.09E+00	3.92E+00	4.54E+00	-3.85E+00	6.67E+00	4.49E+00	1.73E+00	1.92E+01	2.21E+01	
	012	275.3	-262.8	5/6/2010	12:20	1.09E+03	2.33E+02	1.65E+02	-1.16E-01	5.38E-01	7.47E-01	-1.34E+00	7.98E+00	8.70E+00	2.02E+00	9.16E+00	1.09E+01	9.78E+00	2.03E+01	2.27E+01	
	013	275.3	-262.8	8/9/2010	13:36	9.33E+02	1.86E+02	1.22E+02	4.00E-01	4.66E-01	4.98E-01	2.56E+00	7.23E+00	8.80E+00	-2.39E+00	8.22E+00	8.27E+00	9.94E+00	1.28E+01	1.42E+01	
	014	275.3	-262.8	11/10/2010	14:16	1.01E+03	2.18E+02	3.96E+02	-7.85E-01	5.64E-01	1.77E+00	1.94E+00	4.26E+00	9.92E+00	-5.48E+00	4.42E+00	7.40E+00	5.46E+00	8.55E+00	1.89E+01	
	015	275.3	-262.8	1/31/2011	14:31	8.75E+02	4.18E+02	3.87E+02	-2.57E-02	1.66E+00	2.03E+00	-2.56E+00	8.76E+00	8.16E+00	6.49E-01	6.48E+00	7.20E+00	-7.18E-01	1.92E+01	2.22E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-67-276	016	275.3	-262.8	4/14/2011	10:53	1.06E+03	4.84E+02	4.19E+02	3.46E-01	1.22E+00	1.45E+00	-5.30E+00	6.78E+00	6.12E+00	1.62E+00	1.02E+01	1.15E+01	5.62E-01	1.42E+01	1.63E+01	MW-67-276
	017	275.3	-262.8	8/8/2011	10:45	8.99E+02	3.90E+02	3.63E+02	-3.98E-01	1.38E+00	1.82E+00	-3.35E-01	8.67E+00	9.58E+00	1.65E+00	9.24E+00	1.07E+01	1.22E+01	1.91E+01	2.10E+01	
	018	275.3	-262.8	11/29/2011	10:57	1.06E+03	5.25E+02	4.84E+02	1.99E-01	1.70E+00	1.95E+00	-2.95E+00	1.01E+01	1.19E+01	-7.14E-01	8.82E+00	1.11E+01	6.48E+00	1.19E+01	1.31E+01	
MW-67-323	001	322.3	-309.8	8/31/2007	13:20	3.13E+02	1.55E+02	1.57E+02	-2.41E-01	3.06E-01	3.74E-01	1.14E+00	3.71E+00	4.33E+00	1.29E-01	3.76E+00	4.32E+00	NA	NA	NA	MW-67-323
	002	322.3	-309.8	10/1/2007	14:08	1.29E+03	2.40E+02	1.96E+02	5.67E-01	8.58E-01	9.37E-01	-5.77E-01	3.04E+00	3.24E+00	-6.19E-01	3.35E+00	3.58E+00	5.25E-01	1.65E+01	1.92E+01	
	004	322.3	-309.8	2/25/2008	11:59	3.72E+02	2.75E+02	2.87E+02	3.61E-01	7.60E-01	8.62E-01	-2.08E-01	2.97E+00	3.32E+00	1.29E+00	3.50E+00	4.18E+00	6.85E+00	1.88E+01	2.13E+01	
	005	322.3	-309.8	7/28/2008	11:25	3.38E+02	9.08E+01	1.36E+02	-2.38E-01	3.66E-01	7.29E-01	8.29E-01	2.30E+00	3.99E+00	2.24E-01	2.04E+00	3.46E+00	-5.98E+00	1.59E+01	2.86E+01	
	006	322.3	-309.8	11/3/2008	11:44	6.84E+02	2.24E+02	1.64E+02	4.20E-02	3.40E-01	4.37E-01	-3.56E+00	5.21E+00	5.18E+00	4.29E-01	5.12E+00	5.87E+00	-7.38E+00	1.59E+01	1.87E+01	
	007	322.3	-309.8	1/27/2009	13:50	3.65E+02	1.70E+02	1.76E+02	-1.15E-01	4.05E-01	5.85E-01	4.74E-01	3.86E+00	4.42E+00	3.47E-01	3.38E+00	3.86E+00	9.84E+00	1.32E+01	1.47E+01	
	008	322.3	-309.8	4/20/2009	12:20	3.97E+02	1.98E+02	1.87E+02	2.21E-01	7.17E-01	8.23E-01	-5.22E-01	6.86E+00	4.57E+00	-2.70E+00	4.50E+00	4.33E+00	-5.56E+00	2.10E+01	2.43E+01	
	009	322.3	-309.8	7/28/2009	11:25	3.94E+02	2.16E+02	2.07E+02	5.31E-02	3.21E-01	4.07E-01	-1.54E+00	3.31E+00	3.45E+00	7.30E-01	3.72E+00	4.34E+00	2.93E-01	1.79E+01	2.04E+01	
	010	322.3	-309.8	11/11/2009	11:34	4.21E+02	1.62E+02	1.65E+02	-3.92E-01	4.86E-01	7.25E-01	-3.01E+00	8.12E+00	8.50E+00	-1.44E+00	8.10E+00	8.57E+00	2.91E+00	1.53E+01	1.74E+01	
	011	322.3	-309.8	3/3/2010	11:31	4.71E+02	1.80E+02	1.80E+02	3.29E-01	7.45E-01	8.63E-01	-5.78E-01	3.68E+00	4.08E+00	-1.86E-01	3.66E+00	4.06E+00	8.96E+00	1.96E+01	2.21E+01	
	012	322.3	-309.8	5/6/2010	12:30	4.44E+02	1.83E+02	1.67E+02	-1.63E-01	4.58E-01	6.67E-01	-2.50E+00	7.72E+00	7.87E+00	2.97E-01	8.21E+00	9.30E+00	-1.13E+01	1.96E+01	2.33E+01	
	013	322.3	-309.8	8/9/2010	13:23	4.32E+02	1.48E+02	1.23E+02	6.38E-01	6.31E-01	6.53E-01	1.47E+00	6.88E+00	8.02E+00	3.28E-01	6.72E+00	7.56E+00	-4.51E+00	1.37E+01	1.63E+01	
	014	322.3	-309.8	11/10/2010	14:03	3.88E+02	1.89E+02	3.94E+02	1.89E-01	8.21E-01	2.01E+00	2.70E+00	4.61E+00	1.06E+01	3.11E-01	5.07E+00	1.12E+01	-3.22E+00	7.93E+00	1.78E+01	
	015	322.3	-309.8	1/31/2011	15:04	3.38E+02	3.70E+02	3.90E+02	2.58E-01	1.71E+00	2.03E+00	2.47E-01	5.70E+00	6.35E+00	8.12E-03	5.80E+00	6.35E+00	-5.93E+00	1.90E+01	2.25E+01	
	016	322.3	-309.8	4/14/2011	11:33	4.26E+02	4.06E+02	4.13E+02	1.05E+00	1.52E+00	1.62E+00	2.02E+00	8.36E+00	9.62E+00	-1.12E+00	7.80E+00	8.21E+00	-2.21E-01	1.30E+01	1.50E+01	
	017	322.3	-309.8	8/8/2011	10:53	3.09E+02	3.51E+02	3.73E+02	1.75E+00	1.85E+00	1.91E+00	-6.64E-01	6.66E+00	7.23E+00	4.13E+00	8.82E+00	1.09E+01	-9.62E+00	2.15E+01	2.43E+01	
	018	322.3	-309.8	11/29/2011	10:57	3.62E+02	4.56E+02	4.86E+02	7.61E-01	1.71E+00	1.91E+00	-3.91E+00	9.81E+00	1.15E+01	1.58E+00	5.43E+00	8.36E+00	1.66E+01	2.34E+01	2.56E+01	
MW-67-340	001	339.8	-327.3	8/31/2007	12:54	3.69E+02	1.61E+02	1.60E+02	1.69E-01	2.71E-01	3.04E-01	6.52E-01	4.61E+00	5.13E+00	4.53E+00	5.43E+00	5.20E+00	NA	NA	NA	MW-67-340
	002	339.8	-327.3	10/1/2007	14:00	3.90E+02	1.92E+02	1.96E+02	1.42E-01	3.71E-01	4.20E-01	7.29E-01	3.46E+00	3.96E+00	-1.22E+00	3.33E+00	3.50E+00	3.89E+00	1.54E+01	1.76E+01	
	004	339.8	-327.3	2/25/2008	12:00	4.78E+02	2.82E+02	2.86E+02	-2.17E-01	5.53E-01	6.94E-01	-1.58E+00	3.99E+00	3.94E+00	-7.62E-01	3.19E+00	3.43E+00	5.72E+00	1.83E+01	2.09E+01	
	005	339.8	-327.3	7/28/2008	11:18	5.11E+02	9.36E+01	1.30E+02	-3.39E-01	2.28E-01	5.49E-01	3.13E-01	2.21E+00	3.81E+00	9.03E-01	2.25E+00	3.68E+00	-6.94E+00	1.57E+01	2.78E+01	
	006	339.8	-327.3	11/3/2008	11:54	6.69E+02	2.22E+02	1.63E+02	8.08E-02	4.26E-01	5.43E-01	2.23E+00	6.25E+00	7.45E+00	3.65E+00	6.76E+00	8.47E+00	-8.34E+00	1.59E+01	1.88E+01	
	007	339.8	-327.3	1/27/2009	12:44	5.23E+02	4.37E+02	4.39E+02	2.57E-01	5.48E-01	6.31E-01	4.72E-01	3.72E+00	4.19E+00	-4.00E-01	3.41E+00	3.67E+00	7.78E+00	1.68E+01	1.90E+01	
	008	339.8	-327.3	4/20/2009	12:25	4.96E+02	2.07E+02	1.88E+02	4.35E-01	5.64E-01	6.05E-01	3.18E+00	7.19E+00	4.79E+00	-1.37E-01	3.53E+00	3.83E+00	8.03E+00	2.03E+01	2.29E+01	
	009	339.8	-327.3	7/28/2009	11:20	4.70E+02	2.25E+02	2.08E+02	2.02E-01	6.29E-01	7.50E-01	5.88E-01	3.75E+00	4.34E+00	-3.76E-01	3.06E+00	3.30E+00	-6.20E-01	1.89E+01	2.16E+01	
	010	339.8	-327.3	11/11/2009	11:28	5.37E+02	1.68E+02	1.65E+02	-2.77E-01	7.77E-01	9.54E-01	-3.00E-01	5.63E+00	6.15E+00	2.49E+00	6.63E+00	8.33E+00	-9.81E+00	1.49E+01	1.77E+01	
	011	339.8	-327.3	3/3/2010	11:49	5.97E+02	1.85E+02	1.79E+02	1.19E-01	5.07E-01	6.26E-01	4.02E-01	4.41E+00	5.05E+00	2.42E+00	4.80E+00	5.86E+00	2.20E+00	1.91E+01	2.19E+01	
	012	339.8	-327.3	5/6/2010	12:24	6.57E+02	2.00E+02	1.65E+02	-2.13E-01	4.66E-01	7.01E-01	-2.61E+00	7.77E+00	8.17E+00	3.62E-01	8.78E+00	1.00E+01	-5.47E+00	1.94E+01	2.28E+01	
	013	339.8	-327.3	8/9/2010	13:20	4.86E+02	1.55E+02	1.25E+02	-3.81E-02	5.00E-01	6.29E-01	1.20E+00	7.44E+00	8.75E+00	-2.42E+00	6.98E+00	7.06E+00	2.60E+00	1.45E+01	1.67E+01	
	014	339.8	-327.3	11/10/2010	13:53	5.31E+02	1.97E+02	3.95E+02	-8.93E-01	5.00E-01	1.64E+00	1.72E+00	4.50E+00	1.03E+01	-2.97E+00	3.90E+00	7.25E+00	2.25E+00	8.84E+00	1.97E+01	
	015	339.8	-327.3	1/31/2011	14:53	2.75E+02	3.58E+02	3.83E+02	-7.06E-01	1.51E+00	1.99E+00	4.30E-01	6.34E+00	7.02E+00	-1.15E+00	6.54E+00	6.88E+00	-5.79E+00	1.85E+01	2.20E+01	
	016	339.8	-327.3	4/14/2011	11:17	6.56E+02	4.32E+02	4.13E+02	2.62E-01	1.16E+00	1.40E+00	5.89E+00	9.02E+00	1.12E+01	4.57E+00	9.02E+00	1.15E+01	7.58E+00	1.54E+01	1.71E+01	
	017	339.8	-327.3	8/8/2011	10:43	4.19E+02	3.60E+02	3.72E+02	-5.52E-01	1.49E+00	1.89E+00	-9.17E-01	7.92E+00	8.61E+00	-4.93E+00	1.06E+01	1.00E+01	6.17E+00	1.84E+01	2.05E+01	
	018	339.8	-327.3	11/29/2011	10:46	5.62E+02	4.68E+02	4.76E+02	-5.80E-01	1.53E+00	1.87E+00	-7.65E+00	7.53E+00	7.09E+00	1.23E+00	8.85E+00	1.14E+01	1.70E+00	1.06E+01	1.17E+01	
MW-107	004	32.7	110.1	9/28/2005	12:00	3.09E+02	3.87E+02	4.20E+02	NA	NA	NA	3.86E+00	1.16E+01	8.53E+00	NA	NA	NA	NA	NA	NA	MW-107
	001	32.7	110.1	12/8/2005	11:15	1.28E+02	4.11E+02	4.54E+02	7.65E+00	1.53E+01	1.33E+01	2.55E+00	7.64E+00	5.59E+00	4.11E+00	1.23E+01	8.97E+00	NA	NA	NA	
	002	32.7	110.1	4/18/2006	11:15	1.27E+02	4.11E+02	4.51E+02	0.00E+00	3.90E-01	4.40E-01	2.65E+00	7.94E+00	5.62E+00	4.36E+00	1.31E+01	9.21E+00	NA	NA	NA	
	003	32.7	110.1	6/6/2006	13:30	1.05E+02	1.53E+02	1.56E+02	-2.07E-01	5.43E-01	7.13E-01	1.65E+00	8.31E+00	9.24E+00	-3.66E-01	8.36E+00	9.05E+00	NA	NA	NA	
	005	32.7	110.1	7/23/2007	14:18	8.92E+01	1.52E+02	1.70E+02	1.66E-01	5.19E-01	5.87E-01	8.13E-01	2.73E+00	1.60E+00	1.03E-01	1.41E+00	1.60E+00	NA	NA	NA	
	006	32.7	110.1	4/24/2008	15:41	1.91E+02	8.90E+01	1.44E+02	-6.22E-02	2.21E-01	4.42E-01	-2.03E+00	2.78E+00	4.11E+00	-1.38E+00	2.12E+00	3.07E+00	NA	NA	NA	
	007	32.7	110.1	5/30/2008	15:25	4.62E+01	9.02E+01	1.58E+02	6.62E-02	5.51E-01	9.60E-01	1.22E+00	1.88E+00	3.36E+00	5.48E-01	2.20E+00	3.57E+00	NA	NA	NA	
	008	32.7	110.1	4/22/2009	12:30	1.96E+02	1.71E+02	1.86E+02	9.02E-03	4.34E-01	5.52E-01	-2.11E-01	3.86E+00	2.57E+00	1.54E+00	2.61E+00	3.19E+00	NA	NA	NA	
	009	32.7	110.1	4/22/2010	10:11	9.67E+01	1.64E+02	1.83E+02	-7.61E-02	5.23E-01	6.74E-01	9.25E-01	6.08E+00	6.99E+00	-1.88E+00	7.25E+00	7.56E+00	NA	NA	NA	
	010	32.7	110.1	5/2/2011	9:25	3.15E+02	3.76E+02	3.95E+02	8.29E-01	1.29E+00	1.40E+00	-3.56E+00	1.30E+01	1.65E+01	2.39E+00	6.84E+00	8.63E+00	NA	NA	NA	
MW-108	003	8.3	6.2	9/29/2005	12:00	3.32E+02	3.84E+02	4.20E+02	NA	NA	NA	3.23E+00	9.70E+00	7.39E+00	3.21E+00	9.64E+00	7.84E+00	NA	NA	NA	MW-108
	004	8.3	6.2	11/3/2005	12:00	1.97E+02	4.26E+02	4.76E+02	NA	NA	NA	3.41E+00	1.02E+01	7.53E+00	2.65E+00	7.95E+00	6.39E+00	NA	NA	NA	
	002	8.3	6.2	5/13/2006	10:53	2.78E+02	1.82E+02	1.68E+02	6.89E-01	8.26E-01	8.08E-01	3.12E+00	8.86E+00	1.05E+01	-1.45E-01	1.23E+01	1.34E+01	NA	NA	NA	
	005	8.3	6.2	7/5/2011	15:08	1.24E+03	4.89E+02	2.90E+02	-9.21E-02	1.29E+00	1.55E+00	4.93E+00	9.84E+00	1.17E+01	-7.54E+00	8.49E+00	7.19E+00	-8.75E+00	2.32E+01	2.62E+01	
	006	8.3	6.2	8/29/2011	11:25	1.78E+03	5.73E+02	2.62E+02	-7.81E-01	7.89E-01	1.24E+00	-1.86E-01	1.19E+01	1.21E+01	-4.10E+00	1.13E+01	1.10E+01	2.65E+00	1.16E+01	1.30E+01	
MW-109	003	8.5	6.1	9/29/2005	12:00	1.54E+02	3.81E+02	4.20E+02	NA	NA	NA	3.74E+00	1.12E+01	8.45E+00	3.19E+00	9.57E+00	7.88E+00	NA	NA	NA	MW-109
	004	8.5	6.1	11/3/2005	12:00	1.01E+02	4.23E+02	4.76E+02	NA	NA	NA	3.59E+00	1.08E+01	7.89E+00	2.59E+00	7.78E+00	6.26E+00	NA	NA	NA	
	002	8.5	6.1	5/13/2006	10:10	3.39E+02	1.89E+02	1.70E+02	2.98E-01	8.24E-01	9.27E-01	2.00E-01	5.68E+00	6.24E+00	-2.50E+00	6.12E+00	6.08E+00	NA	NA	NA	
	005	8.5	6.1	7/5/2011	12:45	2.43E+03	6.36E+02	2.79E+02	2.60E-01	1.25E+00	1.45E+00	2.23E-01	8.67E+00	9.62E+00	-3.32E+00	7.74E+00	6.65E+00	3.57E+00	3.51E+01	3.92E+01	
	006	8.5	6.1	8/26/2011	13:49	3.26E+03	7.50E+02	2.59E+02	5.48E-01	1.01E+00	1.12E+00	2.37E+00	7.65E+00	8.94E+00	3.72E+00	9.60E+00	1.17E+01	-8.72E-01	8.73E+00	1.00E+01	
MW-111	001	16.5	2.4	9/29/2005	10:00	2.15E+05	2.26E+03	4.20E+02	NA	NA	NA	4.48E+00	1.34E+01	1.02E+01	1.81E+00	5.42E+00	5.57E+00	NA	NA	NA	MW-111
	001	16.5	2.4	9/29/2005	10:00	2.05E+05	2.56E+04	6.24E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	002	16.5	2.4	10/14/2005	10:00	6.81E+03	4.73E+03	6.41E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	16.5	2.4	10/21/2005	10:00	2.84E+05	3.05E+04	6.41E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	16.5	2.4	10/28/2005	8:30	2.18E+05	6.54E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	16.5	2.4	11/4/2005	9:00	3.02E+05	9.06E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	006	16.5	2.4	11/22/2005	10:00	1.80E+05	5.40E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	007	16.5	2.4	12/2/2005	10:15	1.25E+05	3.75E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	008	16.5	2.4	12/8/2005	16:50	2.71E+05	8.13E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	009	16.5	2.4	12/15/2005	11:00	2.96E+05	8.88E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	010	16.5	2.4	12/19/2005	9:45	1.92E+05	5.76E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	011	16.5	2.4	12/29/2005	10:00	2.12E+05	6.36E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	012	16.5	2.4	1/6/2006	10:45	1.13E+05	3.39E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	013	16.5	2.4	1/13/2006	10:30	1.99E+05	5.97E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	014	16.5	2.4	1/20/2006	9:30	1.19E+05	3.57E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	015	16.5	2.4	1/27/2006	10:05	5.78E+05	1.73E+02	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	016	16.5	2.4	2/3/2006	12:20	2.95E+05	3.09E+04	6.33E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	017	16.5	2.4	2/7/2006	16:10	2.38E+05	2.78E+04	6.37E+02	1.17E+00	6.03E-01	6.31E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	018	16.5	2.4	2/16/2006	13:40	2.94E+05	3.09E+04	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
MW-111	019	16.5	2.4	3/3/2006	9:00	2.36E+05	7.08E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	MW-111
	020	16.5	2.4	4/7/2006	9:50	1.45E+05	4.35E+03	7.00E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	021	16.5	2.4	5/17/2006	14:05	4.31E+04	6.51E+03	9.10E+02	2.49E+00	1.40E+00	1.24E+00	-2.32E-01	1.34E+01	1.51E+01	4.25E+00	1.30E+01	1.49E+01	NA	NA	NA	
	022	16.5	2.4	6/23/2006	8:35	2.62E+05	3.92E+04	2.35E+03	6.23E-01	1.07E+00	1.32E+00	-4.18E+00	1.40E+01	1.46E+01	-1.60E-01	1.38E+01	1.52E+01	NA	NA	NA	
	023	16.5	2.4	9/21/2006	10:25	1.59E+05	2.07E+04	1.42E+03	8.79E-01	1.25E+00	1.33E+00	9.50E-02	1.13E+00	1.26E+00	-6.26E-02	1.15E+00	1.24E+00	NA	NA	NA	
	024	16.5	2.4	6/15/2007	14:17	1.19E+05	3.69E+03	3.52E+02	9.74E-01	6.30E-01	5.76E-01	-7.53E-01	3.27E+00	3.00E+00	1.21E-01	2.79E+00	3.17E+00	6.34E+00	1.26E+01	1.43E+01	
	025	16.5	2.4	8/3/2007	9:53	9.88E+04	2.93E+03	3.68E+02	9.74E-01	6.73E-01	6.27E-01	4.24E-01	2.75E+00	3.15E+00	3.95E-01	2.60E+00	3.02E+00	NA	NA	NA	
	026	16.5	2.4	1/28/2008	11:38	4.77E+04	1.77E+03	2.97E+02	2.56E+00	9.45E-01	6.18E-01	2.60E+00	4.05E+00	3.90E+00	-6.32E-01	2.55E+00	2.63E+00	1.33E+01	1.58E+01	1.73E+01	
	027	16.5	2.4	9/4/2008	14:00	7.39E+04	1.89E+03	5.47E+02	1.02E+00	3.62E-01	4.21E-01	-8.16E-01	2.22E+00	3.61E+01	NA	NA	NA	NA	NA	NA	
	028	16.5	2.4	10/21/2008	14:20	6.64E+04	2.00E+03	2.60E+02	9.08E-01	9.32E-01	9.72E-01	-9.35E-01	3.60E+00	3.79E+00	5.10E-01	4.32E+00	5.03E+00	NA	NA	NA	
	029	16.5	2.4	4/30/2009	12:36	3.89E+04	1.38E+03	1.71E+02	2.17E+00	8.97E-01	7.67E-01	1.51E+00	1.04E+01	6.92E+00	-3.30E+00	6.45E+00	6.44E+00	NA	NA	NA	
	030	16.5	2.4	11/2/2009	15:48	2.26E+04	6.93E+02	1.80E+02	8.46E-01	5.72E-01	5.25E-01	5.61E-02	5.91E+00	6.73E+00	-1.39E-01	6.92E+00	7.69E+00	NA	NA	NA	
	031	16.5	2.4	2/2/2010	14:27	2.63E+04	1.94E+03	4.29E+02	1.07E+00	5.60E-01	4.40E-01	1.87E+00	3.62E+00	4.27E+00	-1.55E-01	3.90E+00	4.40E+00	NA	NA	NA	
	032	16.5	2.4	4/21/2010	14:48	3.35E+04	1.07E+03	1.91E+02	1.48E+00	7.26E-01	6.28E-01	6.79E+00	6.54E+00	4.32E+00	1.70E+00	4.37E+00	5.18E+00	NA	NA	NA	
	033	16.5	2.4	8/27/2010	15:21	3.86E+04	1.13E+03	1.28E+02	6.44E-01	8.07E-01	8.55E-01	-8.83E-01	6.30E+00	6.59E+00	1.88E+00	5.70E+00	6.84E+00	NA	NA	NA	
	034	16.5	2.4	9/10/2010	14:09	4.69E+04	1.37E+03	1.40E+02	1.80E+00	1.00E+00	8.02E-01	-5.04E+00	6.84E+00	6.88E+00	-5.62E-01	6.84E+00	7.62E+00	NA	NA	NA	
	035	16.5	2.4	11/1/2010	14:55	4.59E+04	1.34E+03	1.27E+02	3.47E-01	5.90E-01	6.60E-01	-1.99E-01	5.63E+00	6.38E+00	5.49E+00	5.91E+00	7.75E+00	NA	NA	NA	
	036	16.5	2.4	11/11/2011	11:30	1.11E+04	1.42E+03	3.31E+02	1.09E+00	1.53E+00	1.62E+00	-2.01E-01	7.11E+00	8.62E+00	2.75E+00	8.97E+00	1.21E+01	NA	NA	NA	
U3-3	014	NA	NA	7/13/2011	12:28	6.73E+02	3.81E+02	2.81E+02	-3.49E-01	8.13E-01	1.19E+00	-4.64E-01	8.01E+00	8.64E+00	-3.52E+00	8.61E+00	8.20E+00	NA	NA	NA	U3-3
	015	NA	NA	8/29/2011	13:09	1.03E+03	4.56E+02	2.66E+02	-5.04E-01	6.63E-01	1.06E+00	-2.50E+00	8.55E+00	7.82E+00	-3.69E+00	7.74E+00	7.12E+00	NA	NA	NA	
U3-4D	007	25.6	-10.8	10/16/2005	12:00	3.70E+02	4.05E+02	4.38E+02	NA	NA	NA	4.72E+00	1.41E+01	1.01E+01	3.72E+00	1.12E+01	8.50E+00	NA	NA	NA	U3-4D
	008	25.6	-10.8	10/21/2005	12:00	3.99E+02	3.90E+02	4.27E+02	NA	NA	NA	3.11E+00	9.34E+00	6.58E+00	2.98E+00	8.95E+00	6.58E+00	NA	NA	NA	
	009	25.6	-10.8	10/28/2005	12:00	4.05E+02	4.29E+02	4.72E+02	NA	NA	NA	3.91E+00	1.17E+01	8.54E+00	4.36E+00	1.31E+01	9.84E+00	NA	NA	NA	
	012	25.6	-10.8	11/18/2005	12:00	1.10E+02	4.35E+02	4.81E+02	NA	NA	NA	3.04E+00	9.13E+00	6.67E+00	2.04E+00	6.11E+00	4.97E+00	NA	NA	NA	
	013	25.6	-10.8	12/2/2005	12:00	2.73E+02	4.23E+02	4.64E+02	NA	NA	NA	2.97E+00	8.92E+00	6.62E+00	2.00E+00	6.01E+00	5.05E+00	NA	NA	NA	
	001	25.6	-10.8	12/15/2005	13:10	3.99E+02	4.32E+02	4.70E+02	NA	NA	NA	2.73E+00	8.20E+00	6.05E+00	2.88E+00	8.64E+00	6.66E+00	NA	NA	NA	
	002	25.6	-10.8	12/30/2005	9:25	4.42E+02	4.35E+02	4.71E+02	NA	NA	NA	3.53E+00	1.06E+01	7.76E+00	3.96E+00	1.19E+01	8.99E+00	NA	NA	NA	
	003	25.6	-10.8	1/12/2006	11:00	5.73E+02	4.38E+02	4.72E+02	NA	NA	NA	3.29E+00	9.86E+00	7.12E+00	3.42E+00	1.03E+01	7.75E+00	NA	NA	NA	
	004	25.6	-10.8	2/15/2006	13:45	2.71E+02	9.39E+02	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	006	25.6	-10.8	4/26/2006	14:20	5.75E+02	2.19E+02	1.87E+02	-1.48E-01	6.11E-01	7.91E-01	-3.01E-01	8.38E+00	9.11E+00	-3.10E+00	8.21E+00	8.71E+00	NA	NA	NA	
	014	25.6	-10.8	6/22/2006	10:20	7.10E+02	2.15E+02	1.68E+02	1.27E-01	5.73E-01	7.39E-01	-2.41E+00	1.15E+01	1.21E+01	-2.08E+00	8.42E+00	8.34E+00	NA	NA	NA	
	015	25.6	-10.8	2/1/2008	12:40	3.75E+02	1.36E+02	1.35E+02	-1.78E-01	7.83E-01	9.77E-01	2.83E-01	2.69E+00	3.10E+00	1.41E+00	3.26E+00	3.97E+00	NA	NA	NA	
	016	25.6	-10.8	4/29/2008	13:27	3.19E+02	1.43E+02	2.22E+02	1.44E-01	2.76E-01	4.94E-01	5.15E-01	1.91E+00	3.36E+00	-1.53E-01	1.73E+00	2.91E+00	NA	NA	NA	
	017	25.6	-10.8	7/28/2008	16:46	4.66E+02	2.50E+02	3.79E+02	-3.57E-01	4.96E-01	9.81E-01	2.89E-01	2.08E+00	3.62E+00	4.78E-01	2.36E+00	3.69E+00	NA	NA	NA	
	018	25.6	-10.8	10/20/2008	14:40	5.68E+02	1.71E+02	1.64E+02	-8.59E-02	8.61E-01	1.11E+00	3.53E-01	4.62E+00	5.17E+00	7.12E-01	4.13E+00	4.79E+00	NA	NA	NA	
	010	25.6	-10.8	11/4/2008	12:00	1.18E+02	4.23E+02	4.76E+02	NA	NA	NA	3.17E+00	9.51E+00	6.90E+00	3.34E+00	1.00E+01	7.54E+00	NA	NA	NA	
	011	25.6	-10.8	11/10/2008	12:00	3.16E+02	4.14E+02	4.61E+02	NA	NA	NA	4.10E+00	1.23E+01	8.95E+00	4.07E+00	1.22E+01	9.41E+00	NA	NA	NA	
	019	25.6	-10.8	2/10/2009	14:15	4.82E+02	2.31E+02	1.97E+02	1.00E-01	5.16E-01	6.41E-01	3.86E-01	2.66E+00	3.00E+00	7.53E-01	3.02E+00	3.39E+00	NA	NA	NA	
	020	25.6	-10.8	4/17/2009	15:57	3.82E+02	1.83E+02	1.89E+02	-1.17E-01	3.51E-01	5.11E-01	-9.67E-01	6.92E+00	4.61E+00	4.01E-01	3.32E+00	3.82E+00	NA	NA	NA	
	021	25.6	-10.8	8/5/2009	14:06	4.82E+02	1.88E+02	1.89E+02	-1.59E-01	5.17E-01	7.34E-01	-2.04E+00	5.43E+00	5.08E+00	1.93E+00	5.66E+00	6.65E+00	NA	NA	NA	
	022	25.6	-10.8	11/6/2009	13:15	4.73E+02	1.28E+02	1.06E+02	-8.06E-02	5.49E-01	6.68E-01	1.02E+00	5.84E+00	6.77E+00	3.35E-01	6.20E+00	7.03E+00	NA	NA	NA	
	023	25.6	-10.8	2/12/2010	14:15	8.65E+02	1.85E+02	1.77E+02	-1.60E-02	6.00E-01	7.86E-01	7.15E-01	3.15E+00	3.69E+00	1.91E+00	3.66E+00	4.34E+00	NA	NA	NA	
	024	25.6	-10.8	4/12/2010	12:49	1.07E+03	2.06E+02	1.77E+02	-4.68E-02	5.46E-01	7.39E-01	-5.85E+00	9.33E+00	8.95E+00	-2.13E+00	8.04E+00	7.89E+00	NA	NA	NA	
	025	25.6	-10.8	7/23/2010	13:21	6.84E+02	1.86E+02	1.77E+02	-1.56E-01	4.60E-01	6.46E-01	2.21E+00	7.56E+00	8.91E+00	-1.01E+00	7.61E+00	8.14E+00	NA	NA	NA	
	026	25.6	-10.8	10/28/2010	14:04	7.12E+02	1.68E+02	1.13E+02	2.26E-01	4.89E-01	5.61E-01	2.75E+00	5.75E+00	6.97E+00	1.33E+00	7.82E+00	9.00E+00	NA	NA	NA	
	027	25.6	-10.8	2/17/2011	14:41	6.28E+02	4.14E+02	4.05E+02	-8.34E-02	1.55E+00	1.95E+00	1.24E+00	4.72E+00	5.29E+00	8.61E-01	4.84E+00	5.47E+00	NA	NA	NA	
	028	25.6	-10.8	4/25/2011	14:50	7.41E+02	4.36E+02	3.98E+02	1.18E+00	1.38E+00	1.46E+00	-3.17E+00	7.58E+00	7.50E+00	4.81E-01	7.14E+00	8.11E+00	NA	NA	NA	
	029	25.6	-10.8	7/14/2011	11:55	3.88E+02	4.20E+02	4.38E+02	1.24E-01	1.06E+00	1.26E+00	4.78E+00	1.13E+01	1.32E+01	3.12E+00	1.22E+01	1.46E+01	NA	NA	NA	
	030	25.6	-10.8	7/29/2011	11:05	6.73E+02	4.02E+02	3.04E+02	1.23E-01	1.58E+00	1.90E+00	5.66E+00	8.43E+00	1.05E+01	-2.58E+00	9.30E+00	9.06E+00	NA	NA	NA	
	031	25.6	-10.8	11/16/2011	12:56	3.50E+02	3.63E+02	3.81E+02	3.17E-01	1.38E+00	1.64E+00	-9.88E-01	8.82E+00	1.07E+01	-9.21E-01	9.27E+00	1.17E+01	NA	NA	NA	
U3-4S	001	NA	NA	7/23/2010	14:12	3.74E+02	1.74E+02	1.79E+02	3.76E-01	4.15E-01	4.21E-01	9.00E-01	8.51E+00	9.30E+00	1.89E+00	7.75E+00	9.37E+00	NA	NA	NA	U3-4S
	002	NA	NA	10/29/2010	11:40	3.51E+02	1.32E+02	1.10E+02	3.86E-01	5.82E-01	6.43E-01	1.64E+00	5.59E+00	6.52E+00	-2.02E+00	5.91E+00	6.14E+00	NA	NA	NA	
	003	NA	NA	4/25/2011	14:13	1.48E+02	3.78E+02	4.22E+02	6.69E-01	1.27E+00	1.41E+00	5.35E+00	8.82E+00	1.07E+01	1.75E+00	8.92E+00	1.03E+01	NA	NA	NA	
	004	NA	NA	7/14/2011	11:27	3.29E+02	4.11E+02	4.36E+02	1.06E+00	1.33E+00	1.40E+00	-2.41E+00	7.59E+00	7.88E+00	3.25E+00	7.65E+00	9.52E+00	NA	NA	NA	
	005	NA	NA	7/29/2011	10:06	4.67E+02	3.84E+02	3.43E+02	2.84E-01	1.64E+00	1.90E+00	9.19E+00	1.58E+01	9.23E+00	7.83E-01	1.02E+01	1.17E+01	NA	NA	NA	
	006	NA	NA	11/16/2011	11:28	7.52E+02	4.41E+02	3.32E+02	9.35E-01	1.38E+00	1.47E+00	-2.06E+00	9.27E+00	1.12E+01	1.63E+00	7.80E+00	1.08E+01	NA	NA	NA	
U3-T1	007	5.7	2.8	10/7/2005	12:00	1.59E+03	4.20E+02	4.15E+02	NA	NA	NA	2.71E+00	8.14E+00	6.09E+00	2.77E+00	8.30E+00	6.55E+00	NA	NA	NA	U3-T1
	008	5.7	2.8	10/21/2005	12:00	3.09E+02	3.87E+02	4.27E+02	NA	NA	NA	3.92E+00	1.18E+01	8.66E+00	3.87E+00	1.16E+01	9.03E+00	NA	NA	NA	
	009	5.7	2.8	10/28/2005	12:00	3.40E+02	4.29E+02	4.72E+02	NA	NA	NA	3.55E+00	1.06E+01	8.06E+00	5.35E+00	1.61E+01	1.23E+01	NA	NA	NA	
	010	5.7	2.8	11/4/2005	12:00	1.97E+02	4.29E+02	4.76E+02	NA	NA	NA	4.01E+00	1.20E+01	8.86E+00	3.90E+00	1.17E+01	9.13E+00	NA	NA	NA	
	011	5.7	2.8	11/10/2005	12:00	5.63E+02	4.26E+02	4.61E+02	NA	NA	NA	3.11E+00	9.32E+00	6.89E+00	2.97E+00	8.92E+00	6.99E+00	NA	NA	NA	
	012	5.7	2.8	11/18/2005	12:00	0.00E+00	4.29E+02	4.81E+02	NA	NA	NA	3.90E+00	1.17E+01	8.39E+00	3.40E+00	1.02E+01	7.71E+00	NA	NA	NA	
	013	5.7	2.8	12/2/2005	12:00	4.98E+02	4.29E+02	4.64E+02	NA	NA	NA	2.80E+00	8.39E+00	6.23E+00	2.94E+00	8.83E+00	6.86E+00	NA	NA	NA	
	001	5.7	2.8	12/15/2005	13:15	3.40E+02	4.29E+02	4.70E+02	NA	NA	NA	2.53E+00	7.60E+00	5.63E+00	2.89E+00	8.67E+00	6.65E+00	NA	NA	NA	
	002	5.7	2.8	12/30/2005	10:40	5.29E+02	4.38E+02	4.71E+02	NA	NA	NA	4.02E+00	1.21E+01	8.71E+00	4.07E+00	1.22E+01	9.17E+00	NA	NA	NA	
	003	5.7	2.8	1/12/2006	9:50	7.87E+02	4.47E+02	4.72E+02	NA	NA	NA	3.10E+00	9.31E+00	6.88E+00	2.83E+00	8.49E+00	6.70E+00	NA	NA	NA	
	004	5.7	2.8	2/15/2006	13:15	8.35E+02	1.65E+03	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	005	5.7	2.8	3/16/2006	11:50	1.26E+03	2.79E+02	1.85E+02	6.55E-01	8.43E-01	8.29E-01	1.06E+00	5.49E+00	6.18E+00	-1.81E-01	5.63E+00	6.14E+00	NA	NA	NA	
	006	5.7	2.8	5/26/2006	13:30	7.32E+02	2.33E+02	1.89E+02	1.27E+00	1.02E+00	1.01E+00	1.21E+00	8.34E+00	9.42E+00	5.99E+00	8.98E+00	1.15E+01	NA	NA	NA	
	014	5.7	2.8	7/12/2006	12:50	6.84E+02	2.36E+02	1.98E+02	3.36E-01	1.36E+00	1.44E+00	1.15E+00	1.13E+01	1.18E+01	-1.14E+00	1.18E+01	1.26E+01	NA	NA	NA	
	015	5.7	2.8	8/15/2006	11:30	7.66E+02	2.25E+02	1.73E+02	NA	NA	NA	-4.04E+00	6.82E+00	6.33E+00	2.15E+00	6.84E+00	8.29E+00	NA	NA	NA	
	016	5.7	2.8	6/12/2007	12:54	5.06E+02	4.25E+02	4.39E+02	6.25E-01	8.75E-01	9.54E-01	-8.51E-02	2.94E+00	2.22E+00	7.17E-01	2.00E+00	2.33E+00	-1.46E+00	1.40E+01	1.63E+01	
	017	5.7	2.8	8/1/2007	13:20	4.90E+02	3.38E+02	2.73E+02	5.21E-02	5.13E-01	6.47E-01	8.49E-01	3.57E+00	4.15E+00	2.88E-01	3.42E+00	3.92E+00	NA	NA	NA	
	018	5.7	2.8	10/22/2007	16:13	5.30E+02	4.01E+02	4.01E+02	3.41E-01	5.49E-01	6.09E-01	-1.08E+00	3.44E+00	3.64E+00	-1.34E+00	3.52E+00	3.68E+00	NA	NA	NA	
	019	5.7	2.8	1/22/2008	16:11	6.05E+02	3.15E+02	2.97E+02	6.43E-01	7.41E-01	7.79E-01	1.11E+00	2.75E+00	3.21E+00	2.38E-01	2.51E+00	2.75E+00	1.14E+01	1.65E+01	1.84E+01	
	019	5.7	2.8	1/22/2008	16:11	7.29E+02	3.27E+02	2.96E+02	6.26E-01	7.26E-01	7.69E-01	1.21E+00	3.14E+00	3.76E+00	-1.79E-01	3.56E+00	3.93E+00	8.87E+00	1.85E+01	2.09E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
U3-T1[5]	020	5.7	2.8	5/2/2008	15:24	7.09E+02	1.63E+02	2.22E+02	7.24E-01	5.19E-01	8.26E-01	2.85E-01	1.84E+00	3.19E+00	-1.15E+00	1.87E+00	2.82E+00	NA	NA	NA	U3-TI[5]
	021	5.7	2.8	7/23/2008	11:16	5.56E+02	2.58E+02	3.79E+02	6.40E-01	5.19E-01	8.37E-01	2.41E+00	2.24E+00	4.18E+00	6.54E-01	2.44E+00	4.01E+00	NA	NA	NA	
	022	5.7	2.8	10/20/2008	10:19	5.99E+02	5.63E+02	5.91E+02	7.01E-01	5.47E-01	5.20E-01	2.51E+00	6.27E+00	7.46E+00	1.51E+00	6.24E+00	7.35E+00	NA	NA	NA	
	023	5.7	2.8	1/28/2009	12:00	6.75E+02	2.48E+02	2.04E+02	1.04E+00	7.47E-01	7.44E-01	-1.53E+00	3.59E+00	2.95E+00	-6.63E-01	2.30E+00	2.48E+00	NA	NA	NA	
	024	5.7	2.8	4/10/2009	15:22	3.28E+02	1.65E+02	1.49E+02	3.23E-01	6.69E-01	7.61E-01	1.68E-01	6.03E+00	4.02E+00	1.24E+00	3.39E+00	4.14E+00	NA	NA	NA	
	025	5.7	2.8	7/14/2009	11:08	3.99E+02	2.36E+02	2.32E+02	4.77E-02	7.47E-01	8.96E-01	2.51E+00	5.24E+00	5.65E+00	9.47E-01	3.72E+00	4.45E+00	NA	NA	NA	
	026	5.7	2.8	11/13/2009	16:35	3.79E+02	1.18E+02	1.03E+02	3.87E-01	5.95E-01	6.63E-01	-6.81E-01	5.33E+00	5.76E+00	1.33E+00	6.33E+00	7.37E+00	NA	NA	NA	
	027	5.7	2.8	2/10/2010	12:02	4.76E+02	1.73E+02	1.78E+02	2.19E-01	6.55E-01	7.88E-01	-1.28E+00	6.23E+00	5.80E+00	2.78E+00	3.74E+00	4.78E+00	NA	NA	NA	
	028	5.7	2.8	5/5/2010	16:54	5.00E+02	1.79E+02	1.84E+02	6.48E-02	4.95E-01	5.97E-01	-3.25E+00	8.98E+00	1.04E+01	-8.61E-01	6.62E+00	7.16E+00	NA	NA	NA	
	029	5.7	2.8	7/26/2010	12:15	3.84E+02	1.74E+02	1.78E+02	1.20E-02	3.91E-01	4.99E-01	5.07E+00	7.68E+00	9.77E+00	-6.61E-01	6.96E+00	7.49E+00	NA	NA	NA	
	030	5.7	2.8	10/29/2010	16:04	3.04E+02	1.28E+02	1.10E+02	4.84E-02	6.36E-01	7.68E-01	-8.56E-01	6.04E+00	6.70E+00	1.59E+00	5.73E+00	6.79E+00	NA	NA	NA	
	031	5.7	2.8	2/22/2011	11:11	6.55E+02	4.08E+02	3.92E+02	1.62E+00	1.96E+00	2.02E+00	1.80E+00	1.05E+01	6.14E+00	2.12E+00	6.42E+00	7.54E+00	NA	NA	NA	
	032	5.7	2.8	5/6/2011	10:23	7.82E+02	5.16E+02	5.03E+02	-6.43E-02	9.94E-01	1.30E+00	-3.24E+00	9.12E+00	9.22E+00	8.49E-01	1.09E+01	1.21E+01	NA	NA	NA	
	033	5.7	2.8	8/22/2011	14:40	1.00E+03	3.42E+02	1.95E+02	-6.26E-02	1.10E+00	1.37E+00	-4.61E-01	8.70E+00	8.45E+00	-2.62E+00	8.31E+00	8.23E+00	NA	NA	NA	
	034	5.7	2.8	10/19/2011	11:39	7.69E+02	4.05E+02	3.84E+02	1.59E-01	1.19E+00	1.45E+00	-3.93E-01	9.51E+00	1.17E+01	2.12E-01	9.12E+00	1.17E+01	NA	NA	NA	
U3-T2	012	5.7	2.6	10/7/2005	12:00	7.03E+02	3.93E+02	4.15E+02	NA	NA	NA	3.67E+00	1.10E+01	8.06E+00	4.13E+00	1.24E+01	9.39E+00	NA	NA	NA	U3-T2
	013	5.7	2.6	10/21/2005	12:00	1.47E+03	3.63E+02	4.27E+02	NA	NA	NA	3.33E+00	1.00E+01	7.23E+00	3.00E+00	9.00E+00	6.90E+00	NA	NA	NA	
	014	5.7	2.6	10/28/2005	12:00	1.28E+03	4.56E+02	4.72E+02	NA	NA	NA	3.44E+00	1.03E+01	7.67E+00	4.28E+00	1.28E+01	9.89E+00	NA	NA	NA	
	015	5.7	2.6	11/4/2005	12:00	1.19E+03	4.59E+02	4.76E+02	NA	NA	NA	3.41E+00	1.02E+01	7.53E+00	3.86E+00	1.16E+01	8.81E+00	NA	NA	NA	
	016	5.7	2.6	11/10/2005	12:00	1.64E+03	4.59E+02	4.61E+02	NA	NA	NA	3.81E+00	1.14E+01	8.34E+00	3.98E+00	1.19E+01	9.09E+00	NA	NA	NA	
	017	5.7	2.6	11/18/2005	12:00	1.13E+03	4.65E+02	4.81E+02	NA	NA	NA	3.97E+00	1.19E+01	8.70E+00	4.15E+00	1.25E+01	9.55E+00	NA	NA	NA	
	018	5.7	2.6	12/2/2005	12:00	1.33E+03	4.56E+02	4.64E+02	NA	NA	NA	2.31E+00	6.92E+00	5.23E+00	2.58E+00	7.74E+00	6.11E+00	NA	NA	NA	
	001	5.7	2.6	12/15/2005	13:30	1.29E+03	4.62E+02	4.70E+02	NA	NA	NA	2.77E+00	8.30E+00	6.09E+00	2.85E+00	8.55E+00	6.57E+00	NA	NA	NA	
	002	5.7	2.6	12/30/2005	10:50	1.69E+03	4.74E+02	4.71E+02	NA	NA	NA	3.81E+00	1.14E+01	8.46E+00	3.49E+00	1.05E+01	8.31E+00	NA	NA	NA	
	003	5.7	2.6	1/6/2006	8:45	2.42E+03	4.92E+02	4.66E+02	NA	NA	NA	2.86E+00	8.57E+00	6.56E+00	4.04E+00	1.21E+01	9.38E+00	NA	NA	NA	
	004	5.7	2.6	1/13/2006	13:20	1.78E+03	4.77E+02	4.72E+02	NA	NA	NA	4.01E+00	1.20E+01	8.74E+00	3.41E+00	1.02E+01	7.94E+00	NA	NA	NA	
	005	5.7	2.6	1/20/2006	11:00	1.75E+03	4.56E+02	4.61E+02	NA	NA	NA	3.40E+00	1.02E+01	7.71E+00	3.27E+00	9.82E+00	7.99E+00	NA	NA	NA	
	006	5.7	2.6	1/25/2006	11:10	2.32E+03	4.86E+02	4.61E+02	NA	NA	NA	3.96E+00	1.19E+01	8.77E+00	3.17E+00	9.50E+00	7.64E+00	NA	NA	NA	
	007	5.7	2.6	2/1/2006	11:15	2.13E+03	4.80E+02	4.60E+02	NA	NA	NA	3.17E+00	9.51E+00	7.02E+00	3.47E+00	1.04E+01	7.99E+00	NA	NA	NA	
	009	5.7	2.6	2/17/2006	9:20	1.92E+03	2.50E+03	6.36E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	010	5.7	2.6	3/16/2006	12:00	1.69E+03	3.36E+02	2.04E+02	5.87E-01	9.21E-01	1.00E+00	-7.43E-01	6.36E+00	6.83E+00	-1.22E-01	6.33E+00	6.88E+00	NA	NA	NA	
	011	5.7	2.6	5/26/2006	13:15	1.90E+03	3.86E+02	2.48E+02	1.49E+00	1.11E+00	1.01E+00	1.64E+00	1.01E+01	1.22E+01	5.67E+00	9.40E+00	1.25E+01	NA	NA	NA	
	019	5.7	2.6	7/12/2006	12:25	1.83E+03	3.78E+02	2.54E+02	7.24E-01	1.72E+00	1.80E+00	2.58E+00	6.90E+00	8.07E+00	1.30E+00	6.69E+00	7.74E+00	NA	NA	NA	
	020	5.7	2.6	8/15/2006	10:30	1.58E+03	7.79E+02	7.72E+02	NA	NA	NA	-8.87E-01	7.17E+00	7.64E+00	3.29E+00	9.10E+00	1.14E+01	NA	NA	NA	
	021	5.7	2.6	6/12/2007	9:25	1.45E+03	5.19E+02	4.36E+02	-3.89E-01	7.05E-01	9.59E-01	2.03E-01	2.29E+00	2.54E+00	-1.00E-01	2.42E+00	2.74E+00	5.88E+00	1.39E+01	1.57E+01	
	022	5.7	2.6	8/1/2007	14:14	1.25E+03	4.62E+02	2.55E+02	-4.84E-02	5.37E-01	7.11E-01	-1.75E+00	3.23E+00	3.20E+00	1.99E-02	3.54E+00	4.00E+00	NA	NA	NA	
	023	5.7	2.6	10/22/2007	15:07	1.17E+03	4.76E+02	4.02E+02	2.36E-01	5.28E-01	6.08E-01	-7.13E-02	2.82E+00	3.11E+00	2.53E+00	3.50E+02	3.81E+00	NA	NA	NA	
	024	5.7	2.6	1/22/2008	16:16	1.33E+03	3.83E+02	2.97E+02	4.31E-01	8.54E-01	9.63E-01	7.39E-01	2.97E+00	3.39E+00	-1.14E+00	3.39E+00	2.86E+00	2.78E+00	1.62E+01	1.89E+01	
	025	5.7	2.6	5/2/2008	14:44	1.02E+03	1.77E+02	2.22E+02	6.52E-01	3.31E-01	4.70E-01	5.80E-01	2.06E+00	3.53E+00	7.90E-01	1.63E+00	3.00E+00	NA	NA	NA	
	026	5.7	2.6	7/23/2008	13:40	9.97E+02	2.85E+02	3.64E+02	5.90E-01	5.19E-01	8.44E-01	3.57E-02	1.72E+00	2.93E+00	-1.02E+00	2.44E+00	3.39E+00	NA	NA	NA	
	027	5.7	2.6	10/20/2008	10:36	9.28E+02	5.97E+02	5.90E+02	4.73E-01	4.95E-01	4.85E-01	-4.68E-01	4.82E+00	5.31E+00	-5.02E+00	6.54E+00	6.06E+00	NA	NA	NA	
	028	5.7	2.6	1/28/2009	11:40	1.11E+03	2.87E+02	2.04E+02	6.04E-01	6.41E-01	6.75E-01	7.10E-01	2.42E+00	2.74E+00	4.09E-01	2.30E+00	2.61E+00	NA	NA	NA	
	029	5.7	2.6	4/24/2009	11:24	1.03E+03	4.97E+02	4.14E+02	1.76E+00	6.54E-01	4.11E-01	1.62E+00	6.65E+00	4.43E+00	3.29E-01	4.16E+00	4.69E+00	NA	NA	NA	
	030	5.7	2.6	7/14/2009	13:04	1.12E+03	2.94E+02	2.30E+02	5.50E-01	8.61E-01	9.58E-01	1.31E-01	3.69E+00	4.23E+00	-6.32E-01	3.72E+00	4.05E+00	NA	NA	NA	
	031	5.7	2.6	11/16/2009	12:53	8.94E+02	1.52E+02	1.03E+02	3.24E-01	6.54E-01	7.43E-01	3.94E-01	6.63E+00	6.48E+00	-2.09E+00	6.95E+00	6.93E+00	NA	NA	NA	
	032	5.7	2.6	2/11/2010	12:43	9.41E+02	1.88E+02	1.78E+02	5.85E-01	7.72E-01	8.17E-01	-8.06E-01	3.38E+00	3.63E+00	7.20E-02	3.71E+00	4.10E+00	NA	NA	NA	
	033	5.7	2.6	5/7/2010	13:05	9.75E+02	1.95E+02	1.83E+02	6.31E-01	6.31E-01	6.58E-01	-2.27E+00	5.70E+00	5.99E+00	-1.66E+00	6.62E+00	6.97E+00	NA	NA	NA	
	034	5.7	2.6	7/26/2010	14:26	8.76E+02	1.92E+02	1.74E+02	5.34E-01	6.12E-01	6.47E-01	-2.12E+00	7.50E+00	7.69E+00	2.29E+00	7.21E+00	8.84E+00	NA	NA	NA	
	035	5.7	2.6	10/29/2010	11:22	1.47E+03	2.19E+02	1.11E+02	4.22E-01	6.79E-01	7.56E-01	-6.11E-02	5.42E+00	6.11E+00	3.00E+00	5.47E+00	6.89E+00	NA	NA	NA	
	036	5.7	2.6	2/22/2011	14:30	2.27E+03	4.92E+02	3.62E+02	1.82E+00	2.04E+00	2.05E+00	3.65E+00	6.08E+00	7.29E+00	5.97E-01	7.12E+00	7.85E+00	NA	NA	NA	
	037	5.7	2.6	5/6/2011	11:41	3.83E+03	6.42E+02	4.19E+02	3.27E-01	1.32E+00	1.58E+00	2.82E+00	7.26E+00	8.74E+00	5.77E-01	9.68E+00	1.08E+01	NA	NA	NA	
	038	5.7	2.6	7/8/2011	10:55	2.67E+03	6.63E+02	2.80E+02	4.75E-01	1.31E+00	1.50E+00	3.77E+00	1.08E+01	1.19E+01	-1.06E+00	1.02E+01	1.07E+01	NA	NA	NA	
	039	5.7	2.6	7/29/2011	12:32	2.65E+03	7.02E+02	3.34E+02	1.05E+00	1.81E+00	1.99E+00	-5.43E-01	8.49E+00	9.21E+00	2.63E+00	8.91E+00	1.07E+01	NA	NA	NA	
	040	5.7	2.6	10/19/2011	10:20	2.98E+03	7.62E+02	3.28E+02	-8.79E-02	1.15E+00	1.47E+00	-4.88E+00	1.02E+01	1.09E+01	-5.13E+00	1.12E+01	1.23E+01	NA	NA	NA	
U1-CSS	001	14	6.1	1/30/2007	11:45	1.76E+03	6.00E+02	5.70E+02	1.95E+01	2.19E+00	1.70E+00	7.00E-01	1.32E+00	1.40E+00	-3.20E-01	1.38E+00	1.60E+00	1.64E+01	2.67E+01	2.90E+01	U1-CSS
	002	14	6.1	2/27/2007	11:24	4.32E+03	6.90E+02	5.70E+02	1.38E+01	2.31E+00	2.10E+00	1.11E+00	1.95E+00	2.10E+00	7.00E-01	1.95E+00	2.20E+00	-1.30E+00	2.55E+01	2.90E+01	
	003	14	6.1	6/13/2007	11:39	1.53E+03	5.25E+02	4.35E+02	1.45E+01	1.91E+00	6.24E-01	8.50E-01	3.57E+00	4.15E+00	2.82E+00	4.28E+00	4.93E+00	4.42E+00	1.95E+01	2.22E+01	
	004	14	6.1	8/6/2007	15:55	2.80E+03	2.81E+02	1.95E+02	2.68E+01	2.33E+00	5.71E-01	2.53E+00	4.30E+00	4.61E+00	2.48E+00	6.84E+00	4.17E+00	NA	NA	NA	
	005	14	6.1	1/15/2008	14:54	4.95E+02	2.04E+02	1.76E+02	7.73E+00	1.31E+00	6.91E-01	2.85E+00	6.56E+00	3.36E+00	-6.88E-02	3.33E+00	3.71E+00	NA	NA	NA	
	006	14	6.1	4/23/2008	15:25	1.77E+03	1.96E+02	1.44E+02	6.74E+00	9.01E-01	7.19E-01	-1.36E+00	2.12E+00	3.20E+00	-7.61E-01	2.08E+00	3.16E+00	NA	NA	NA	
	007	14	6.1	5/12/2008	14:05	6.88E+02	1.35E+02	1.42E+02	4.83E+00	8.35E-01	9.25E-01	2.59E+00	2.30E+00	4.25E+00	3.09E-01	2.58E+00	3.96E+00	-2.18E+00	1.19E+01	2.08E+01	
	008	14	6.1	9/8/2008	10:24	1.45E+03	3.77E+02	4.98E+02	9.38E+00	9.40E-01	5.43E-01	1.90E+00	2.07E+00	3.76E+00	NA	NA	NA	NA	NA	NA	
	009	14	6.1	11/6/2008	14:48	2.66E+03	3.86E+02	1.66E+02	6.74E+00	1.20E+00	5.33E-01	3.52E+00	6.01E+00	7.29E+00	-1.94E+00	6.45E+00	6.67E+00	1.02E+01	1.65E+01	1.85E+01	
	010	14	6.1	11/19/2008	13:50	2.20E+03	2.33E+02	1.62E+02	9.08E+00	1.38E+00	5.80E-01	2.35E+00	4.04E+00	4.98E+00	8.56E-01	4.63E+00	5.37E+00	NA	NA	NA	
	011	14	6.1	3/18/2009	13:05	1.57E+03	5.36E+02	3.81E+02	1.41E+01	2.04E+00	9.24E-01	2.00E+00	5.93E+00	3.95E+00	2.86E-01	3.03E+00	3.42E+00	6.46E-01	1.94E+01	2.22E+01	
	012	14	6.1	4/21/2009	13:07	3.28E+03	3.87E+02	1.91E+02	3.56E+01	2.64E+00	7.19E-01	5.75E-01	5.28E+00	3.52E+00	1.36E+00	3.02E+00	3.74E+00	1.79E+01	1.92E+01	2.11E+01	
	013	14	6.1	10/26/2009	14:07	2.91E+03	2.81E+02	1.86E+02	1.75E+01	1.88E+00	5.38E-01	-1.10E-01	5.94E+00	6.71E+00	-4.96E+00	5.91E+00	5.17E+00	0.00E+00	2.04E+01	2.34E+01	
	014	14	6.1	5/3/2010	15:58	1.88E+03	2.79E+02	1.70E+02	8.95E+00	1.81E+00	8.92E-01	4.61E-01	5.87E+00	6.66E+00	3.94E+00	5.22E+00	6.88E+00	-1.79E+01	2.18E+01	2.53E+01	
	015	14	6.1	11/8/2010	14:56	2.26E+03	2.72E+02	1.26E+02	1.18E+01	1.45E+00	6.84E-01	2.29E+00	5.01E+00	5.93E+00	2.07E+00	5.61E+00	6.70E+00	3.16E-01	1.81E+01	2.13E+01	
	016	14	6.1	5/4/2011	13:24	6.38E+03	6.84E+02	3.40E+02	1.61E+01	2.70E+00	1.01E+00	3.29E+00	8.36E+00	9.79E+00	7.12E+00	9.42E+00	1.24E+01	-1.05E+01	1.55E+01	1.84E+01	
	017	14	6.1	7/8/2011	13:33	1.08E+04	1.28E+03	2.79E+02	3.90E+00	1.82E+00	1.30E+00	3.84E-02	9.18E+00	1.01E+01	-3.60E+00	9.96E+00	1.06E+01	-3.20E+00	2.09E+01	2.34E+01	
	018	14	6.1	10/27/2011	13:02	1.70E+03	5.64E+02	4.77E+02	7.82E-01	1.28E+00	1.39E+00	-2.80E+00	8.07E+00	8.99E+00	1.05E+00	7.08E+00	9.69E+00	-8.01E+00	1.78E+01	2.07E+01	
U1-NCD	001	NA	NA	5/8/2008	9:45	9.50E+03	3.49E+02	1.96E+02	3.97E+02	2.58E+00	3.57E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	U1-NCD
	002	NA	NA	10/15/2008	12:35	6.19E+03	3.71E+02	1.61E+02	4.35E+02	5.89E+00	3.33E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	NA	NA	1/12/2009	13:45	2.13E+03	2.48E+02	1.92E+02	4.64E+02	8.90E+00	6.61E-01	2.84E+04	2.63E+03	1.22E+01	7.66E-01	2.37E+00	2.80E+00	6.41E+02	4.11E+01	1.89E+01	
	004	NA	NA	4/13/2009	12:15	5.21E+03	5.18E+02	1.35E+02	3.22E+02	7.74E+00	8.42E-01	2.70E+04	2.66E+01	1.77E+01	2.70E+00	4.46E+00	5.13E+00	5.09E+02	6.05E+01	4.30E+01	

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
U1-NCD	005	NA	NA	7/13/2009	12:30	2.66E+03	3.86E+02	2.08E+02	1.30E+02	4.98E+00	5.04E-01	1.78E+04	1.36E+03	1.39E+01	7.71E-01	3.71E+00	4.30E+00	2.91E+02	2.72E+01	2.12E+01	U1-NCD
	006	NA	NA	10/12/2009	9:40	3.11E+03	2.90E+02	1.88E+02	8.37E+01	3.94E+00	5.22E-01	1.32E+04	9.90E+02	1.60E+01	1.87E+00	6.39E+00	7.72E+00	3.13E+02	3.09E+01	2.30E+01	
	007	NA	NA	1/4/2010	9:00	5.47E+03	3.48E+02	1.81E+02	6.40E+01	3.33E+00	4.39E-01	1.14E+04	1.58E+03	6.64E+00	8.50E-01	2.52E+00	2.89E+00	2.31E+02	2.85E+01	2.15E+01	
	008	NA	NA	7/15/2010	9:10	1.35E+04	4.41E+02	1.58E+02	5.06E+01	3.21E+00	7.59E-01	1.14E+04	1.42E+03	1.40E+01	7.51E-01	5.21E+00	6.03E+00	2.90E+02	3.39E+01	2.40E+01	
	009	NA	NA	10/20/2010	13:40	3.34E+03	3.23E+02	1.27E+02	3.88E+01	2.31E+00	6.39E-01	1.20E+04	1.47E+03	9.98E+00	-1.14E+00	4.96E+00	5.42E+00	2.31E+02	3.19E+01	2.23E+01	
	011	NA	NA	9/15/2011	11:45	3.86E+03	6.39E+02	3.99E+02	9.08E+01	7.80E+00	1.54E+00	4.77E+03	6.42E+02	8.81E+00	3.36E+00	4.68E+00	5.97E+00	1.14E+02	2.09E+01	1.82E+01	
	012	NA	NA	10/3/2011	13:20	1.13E+04	1.03E+03	3.35E+02	1.58E+01	3.72E+00	1.74E+00	5.92E+03	8.04E+02	1.43E+01	1.93E+00	7.20E+00	9.97E+00	1.36E+02	2.21E+01	1.86E+01	
	013	NA	NA	12/26/2011	12:45	2.32E+03	5.13E+02	3.74E+02	1.49E+01	5.52E+00	3.33E+00	7.73E+03	9.75E+02	1.84E+01	-1.01E+00	9.48E+00	1.17E+01	1.96E+02	2.79E+01	1.88E+01	
U1-SFDS	001	NA	NA	4/9/2008	8:55	6.28E+02	1.41E+02	1.97E+02	9.98E+00	4.86E-01	4.31E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	U1-SFDS
	002	NA	NA	5/8/2008	9:10	8.81E+02	1.50E+02	1.96E+02	1.40E+01	5.18E-01	3.69E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	003	NA	NA	10/15/2008	12:45	1.09E+03	1.79E+02	1.67E+02	1.85E+01	1.26E+00	4.56E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	004	NA	NA	1/14/2009	9:15	3.11E+02	1.82E+02	1.93E+02	1.22E+01	1.67E+00	8.15E-01	6.39E+00	3.47E+00	2.22E+00	1.03E+00	1.91E+00	2.27E+00	7.26E+00	1.62E+01	1.83E+01	
	005	NA	NA	4/13/2009	12:30	1.52E+03	2.96E+02	1.37E+02	4.93E+01	3.03E+00	6.15E-01	8.09E+00	5.87E+00	3.91E+00	2.45E+00	3.80E+00	4.79E+00	-9.47E+00	1.92E+01	2.30E+01	
	006	NA	NA	7/15/2009	8:30	7.33E+02	2.73E+02	2.39E+02	3.54E+01	2.67E+00	4.79E-01	9.41E+00	7.41E+00	3.60E+00	-9.93E-02	4.44E+00	4.64E+00	5.10E+00	2.14E+01	2.44E+01	
	007	NA	NA	10/14/2009	9:50	7.04E+02	1.98E+02	1.88E+02	2.91E+01	2.31E+00	5.00E-01	1.22E+01	8.32E+00	6.38E+00	6.68E-01	5.80E+00	6.68E+00	-5.49E+00	1.69E+01	1.97E+01	
	008	NA	NA	1/6/2010	8:50	5.10E+02	1.83E+02	1.81E+02	1.25E+01	1.46E+00	4.47E-01	8.18E+00	4.07E+00	2.98E+00	-5.94E-01	2.91E+00	3.18E+00	-2.06E+00	1.84E+01	2.15E+01	
	009	NA	NA	7/7/2010	8:45	6.44E+02	1.80E+02	1.45E+02	1.88E+01	2.10E+00	6.82E-01	2.09E+01	1.26E+01	7.48E+00	1.64E+00	7.91E+00	9.44E+00	3.42E+00	2.24E+01	2.58E+01	
	010	NA	NA	10/20/2010	8:45	4.82E+02	1.56E+02	1.26E+02	1.17E+01	1.83E+00	8.74E-01	7.99E+00	7.54E+00	5.78E+00	-8.31E-01	5.24E+00	5.67E+00	9.71E-01	1.86E+01	2.18E+01	
	013	NA	NA	9/15/2011	11:35	2.09E+03	5.25E+02	4.00E+02	7.79E+00	2.54E+00	1.39E+00	9.23E+00	6.72E+00	6.70E+00	1.14E+00	6.27E+00	7.16E+00	-4.97E+00	1.70E+01	1.95E+01	
	014	NA	NA	10/5/2011	9:00	2.02E+03	5.01E+02	3.35E+02	5.54E+00	2.53E+00	1.97E+00	4.27E+00	9.96E+00	1.25E+01	-6.39E+00	8.94E+00	9.49E+00	2.06E+01	1.87E+01	2.00E+01	
	015	NA	NA	12/28/2011	8:19	1.10E+02	3.21E+02	3.61E+02	2.66E+00	2.22E+00	2.08E+00	-3.38E+00	9.87E+00	1.13E+01	3.75E-01	1.02E+01	1.33E+01	-4.44E+00	1.47E+01	1.73E+01	
I-2	001	NA	NA	8/2/2010	14:39	6.21E+01	1.53E+02	1.73E+02	-2.56E-01	3.72E-01	5.25E-01	7.04E+00	7.80E+00	1.02E+01	9.34E-02	6.54E+00	7.19E+00	NA	NA	NA	I-2
	002	NA	NA	11/17/2010	14:25	1.74E+02	1.71E+02	3.78E+02	2.25E-01	6.25E-01	1.50E+00	-4.50E-01	5.04E+00	1.10E+01	3.35E+00	5.94E+00	1.40E+01	NA	NA	NA	
	003	NA	NA	8/12/2011	15:13	2.34E+02	2.15E+02	2.00E+02	-5.95E-01	7.44E-01	1.16E+00	5.11E+00	1.19E+01	1.35E+01	-2.57E-01	9.24E+00	1.02E+01	NA	NA	NA	
	004	NA	NA	12/8/2011	14:15	-3.49E+01	3.45E+02	4.09E+02	-2.39E-01	1.56E+00	1.92E+00	-2.35E+00	8.76E+00	1.00E+01	-2.12E+00	8.46E+00	1.04E+01	NA	NA	NA	
RW-1	002	107.5	-30	10/25/2006	14:15	2.95E+04	2.28E+03	5.85E+02	3.10E-01	8.79E-01	9.23E-01	1.99E+00	5.23E+00	5.98E+00	4.31E-01	4.74E+00	5.22E+00	NA	NA	NA	RW-1
	001	107.5	-30	10/25/2006	11:37	6.41E+04	4.88E+03	8.52E+02	-8.44E-01	1.29E+00	1.52E+00	9.50E-01	4.75E+00	5.45E+00	8.01E-01	4.62E+00	5.32E+00	NA	NA	NA	
	005	107.5	-30	10/31/2006	20:00	1.89E+04	1.49E+03	4.73E+02	9.06E-01	1.15E+00	1.14E+00	5.93E-01	4.51E+00	5.21E+00	1.65E+00	5.31E+00	6.60E+00	NA	NA	NA	
	003	107.5	-30	10/31/2006	12:27	1.07E+05	8.06E+03	1.10E+03	-3.70E-01	9.51E-01	1.09E+00	7.18E-01	4.23E+00	4.71E+00	7.34E-01	3.04E+00	3.61E+00	NA	NA	NA	
	004	107.5	-30	10/31/2006	15:55	2.63E+04	2.04E+03	5.51E+02	-1.06E+00	1.15E+00	1.39E+00	-2.26E-01	3.86E+00	3.99E+00	-6.22E-03	2.86E+00	3.21E+00	NA	NA	NA	
	006	107.5	-30	11/1/2006	12:00	1.84E+04	1.45E+03	4.66E+02	3.64E-01	1.03E+00	1.08E+00	-3.39E+00	4.14E+00	3.90E+00	-5.25E-01	4.01E+00	4.19E+00	NA	NA	NA	
	007	107.5	-30	11/2/2006	12:00	2.40E+04	2.13E+03	1.00E+03	1.50E-01	6.00E-01	6.70E-01	1.12E+00	2.37E+00	2.60E+00	-8.50E-01	2.37E+00	2.90E+00	NA	NA	NA	
	008	107.5	-30	11/3/2006	9:00	3.06E+04	2.34E+03	1.00E+03	4.80E-01	7.20E-01	7.80E-01	-1.05E+00	2.19E+00	2.60E+00	8.20E-01	2.40E+00	2.70E+00	NA	NA	NA	
MH-5 VCFD[6]	001	NA	NA	6/29/2007	12:15	1.41E+03	2.33E+02	1.87E+02	-3.26E-01	6.21E-01	9.20E-01	-9.57E-01	3.40E+00	3.60E+00	6.39E-02	3.13E+00	3.49E+00	NA	NA	NA	MH-5 VCFD[6]
	002	NA	NA	8/10/2007	15:15	1.17E+03	5.21E+02	4.56E+02	3.17E-02	7.84E-01	9.38E-01	-5.40E-01	3.17E+00	2.87E+00	-8.50E-01	2.84E+00	2.93E+00	NA	NA	NA	
	003	NA	NA	10/26/2007	13:30	1.62E+03	2.30E+02	1.84E+02	1.60E-01	6.06E-01	7.10E-01	2.15E-01	2.64E+00	2.95E+00	-6.20E-01	2.90E+00	3.06E+00	NA	NA	NA	
	004	NA	NA	1/16/2008	12:30	9.28E+02	2.45E+02	1.77E+02	4.62E-01	8.33E-01	9.37E-01	5.23E-01	2.78E+00	3.09E+00	5.97E-01	2.55E+00	2.90E+00	NA	NA	NA	
	005	NA	NA	6/3/2009	14:45	1.20E+03	1.95E+02	1.62E+02	-5.27E-01	6.72E-01	8.48E-01	3.34E+00	9.21E+00	6.14E+00	7.60E-01	4.83E+00	5.73E+00	NA	NA	NA	
	006	NA	NA	8/24/2009	10:15	1.50E+03	2.46E+02	2.18E+02	5.16E-01	5.64E-01	5.97E-01	8.69E-02	5.58E+00	6.23E+00	2.70E+00	6.51E+00	7.43E+00	NA	NA	NA	
	007	NA	NA	11/16/2009	11:10	6.28E+02	1.39E+02	1.07E+02	3.95E-01	6.57E-01	7.36E-01	-5.36E-01	1.07E+01	1.17E+01	2.75E+00	6.29E+00	7.70E+00	NA	NA	NA	
	008	NA	NA	2/18/2010	13:46	2.08E+02	1.59E+02	1.71E+02	6.25E-02	3.27E-01	4.08E-01	-1.18E+00	4.41E+00	4.80E+00	-1.81E+00	4.11E+00	4.15E+00	NA	NA	NA	
	009	NA	NA	5/17/2010	10:15	4.33E+02	1.73E+02	1.79E+02	3.66E-01	5.84E-01	6.48E-01	2.13E+00	6.00E+00	7.18E+00	4.52E-01	6.63E+00	7.65E+00	NA	NA	NA	
	010	NA	NA	8/5/2010	14:45	7.32E+02	1.89E+02	1.77E+02	5.37E-01	5.67E-01	5.84E-01	7.26E-01	7.72E+00	8.69E+00	-2.26E+00	6.93E+00	7.07E+00	NA	NA	NA	
	011	NA	NA	8/30/2010	13:30	9.96E+03	5.48E+02	1.26E+02	1.25E-01	3.21E-01	3.81E-01	1.50E+00	5.58E+00	6.48E+00	8.08E-01	6.51E+00	7.50E+00	NA	NA	NA	
	012	NA	NA	9/10/2010	15:30	8.80E+02	1.89E+02	1.25E+02	3.60E-01	6.35E-01	7.11E-01	7.21E-01	6.45E+00	7.44E+00	1.23E+00	5.71E+00	6.85E+00	NA	NA	NA	
	013	NA	NA	11/24/2010	11:10	4.60E+02	1.86E+02	1.47E+02	1.36E-01	7.57E-01	8.85E-01	1.75E+00	3.45E+00	4.02E+00	5.48E-01	3.79E+00	4.28E+00	NA	NA	NA	
	014	NA	NA	2/28/2011	9:47	5.17E+03	6.58E+02	3.66E+02	1.90E+00	1.99E+00	1.94E+00	3.45E-01	5.64E+00	6.19E+00	-1.28E+00	6.18E+00	6.45E+00	NA	NA	NA	
	015	NA	NA	4/22/2011	13:37	1.25E+04	1.10E+03	4.46E+02	8.17E-01	1.85E+00	2.08E+00	-3.21E+00	8.36E+00	8.43E+00	-1.60E+00	9.06E+00	9.51E+00	NA	NA	NA	
	018	NA	NA	7/7/2011	14:29	2.97E+03	7.02E+02	2.83E+02	-3.05E-01	8.04E-01	1.11E+00	9.24E-01	7.95E+00	8.84E+00	5.11E-01	8.49E+00	9.13E+00	NA	NA	NA	
	019	NA	NA	7/12/2011	12:46	9.86E+03	1.23E+03	2.81E+02	9.15E-01	1.05E+00	1.06E+00	-1.17E+01	1.33E+01	1.52E+01	-1.19E+00	9.99E+00	1.06E+01	NA	NA	NA	
	020	NA	NA	7/20/2011	10:48	2.89E+03	7.32E+02	3.35E+02	-4.57E-01	1.01E+00	1.47E+00	1.79E+00	6.30E+00	7.26E+00	-2.61E+00	8.34E+00	8.34E+00	NA	NA	NA	
	021	NA	NA	7/26/2011	12:50	1.86E+03	6.03E+02	3.33E+02	-7.10E-01	9.45E-01	1.45E+00	2.81E+00	7.47E+00	8.99E+00	-8.33E-01	9.66E+00	1.03E+01	NA	NA	NA	
	022	NA	NA	8/3/2011	14:12	3.90E+03	8.31E+02	3.31E+02	-4.45E-01	1.07E+00	1.50E+00	-6.18E-01	1.01E+01	1.10E+01	-6.71E+00	1.43E+01	1.29E+01	NA	NA	NA	
	023	NA	NA	8/11/2011	12:39	2.74E+04	1.65E+03	2.02E+02	6.43E-01	1.19E+00	1.32E+00	-2.20E+00	7.47E+00	7.63E+00	1.85E+00	5.85E+00	7.32E+00	NA	NA	NA	
	024	NA	NA	8/18/2011	9:50	2.09E+04	1.87E+03	2.64E+02	9.64E-01	1.55E+00	1.70E+00	1.90E+00	7.98E+00	9.05E+00	-3.10E+00	9.60E+00	9.54E+00	NA	NA	NA	
	025	NA	NA	8/24/2011	11:01	1.40E+04	1.51E+03	2.58E+02	5.99E-01	1.30E+00	1.46E+00	-2.36E+00	7.86E+00	8.21E+00	3.46E+00	7.98E+00	9.92E+00	NA	NA	NA	
	026	NA	NA	8/30/2011	13:55	3.37E+04	1.83E+03	2.03E+02	9.19E-01	1.31E+00	1.40E+00	1.76E+00	7.23E+00	8.47E+00	-1.69E+00	7.86E+00	7.79E+00	NA	NA	NA	
	027	NA	NA	10/17/2011	10:07	1.48E+04	1.09E+03	3.86E+02	-5.57E-01	1.17E+00	1.65E+00	1.51E+00	7.68E+00	9.98E+00	-2.77E+00	7.92E+00	9.24E+00	NA	NA	NA	
	028	NA	NA	10/31/2011	14:20	2.40E+04	1.37E+03	3.89E+02	1.06E+00	1.72E+00	1.87E+00	5.56E+00	1.15E+01	1.61E+01	3.37E-01	1.09E+01	1.53E+01	NA	NA	NA	
LAF-002	001	NA	-22.3	6/6/2006	12:47	5.20E+01	1.71E+02	1.83E+02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	LAF-002
	001	NA	-22.3	6/6/2006	12:47	3.98E+01	3.60E+02	6.98E+02	1.38E+00	1.85E+00	1.93E+00	-3.88E+00	1.53E+00	1.59E+00	-2.24E+00	1.25E+01	1.34E+01	-2.84E-01	2.13E+01	2.34E+01	
	003	NA	-22.3	9/19/2006	13:14	-4.71E+01	1.50E+02	1.70E+02	-5.08E-01	8.90E-01	1.07E+00	6.45E-02	9.05E+00	1.01E+00	-2.76E+00	6.35E+00	4.99E+00	NA	NA	NA	
	004	NA	-22.3	12/4/2006	13:38	-1.20E+01	1.62E+02	1.60E+02	-1.20E-01	7.80E-01	8.50E-01	NA	NA	NA	9.00E-01	5.40E+00	6.30E+00	-2.50E+00	7.20E+00	8.10E+00	
	005	NA	-22.3	3/7/2007	14:45	-8.30E+01	1.56E+02	1.60E+02	8.20E-01	1.50E+00	1.60E+00	3.10E+00	4.80E+00	5.10E+00	-1.20E+00	5.40E+00	7.30E+00	NA	NA	NA	
	006	NA	-22.3	6/7/2007	13:18	-6.85E+00	1.33E+02	1.54E+02	3.19E-01	6.02E-01	6.79E-01	7.80E-01	2.63E+00	3.04E+00	6.55E-01	2.60E+00	3.04E+00	NA	NA	NA	
	007	NA	-22.3	10/9/2007	9:35	7.46E+01	1.37E+02	1.55E+02	4.43E-01	4.98E-01	5.18E-01	-5.45E-01	2.10E+00	1.69E+00	-1.44E+00	1.78E+00	1.39E+00	NA	NA	NA	
	008	NA	-22.3	12/4/2007	10:50	9.00E+01	1.46E+02	1.62E+02	4.89E-01	6.20E-01	6.62E-01	-6.91E-01	4.59E+00	4.37E+00	-2.35E+00	3.72E+00	3.39E+00	NA	NA	NA	
	009	NA	-22.3	4/10/2008	0:00	4.65E+01	8.46E+01	1.44E+02	4.73E-01	3.02E-01	4.56E-01	1.91E+00	2.14E+00	3.95E+00	1.61E+00	2.46E+00	4.56E+00	NA	NA	NA	
	010	NA	-22.3	10/17/2008	10:32	8.19E+01	1.55E+02	1.74E+02	4.05E-01	7.90E-01	9.01E-01	2.36E-01	2.76E+00	3.16E+00	-3.08E-02	3.09E+00	3.46E+00	-4.61E+00	2.01E+01	2.35E+01	
	011	NA	-22.3	4/21/2009	14:24	1.80E+02	1.77E+02	1.89E+02	1.77E-01	5.70E-01	6.58E-01	-1.74E+00	5.94E+00	3.96E+00	3.37E-01	3.99E+00	4.50E+00	2.34E+00	1.92E+01	2.19E+01	
	012	NA	-22.3	11/19/2009	12:35	-7.51E+01	1.40E+02	1.65E+02	-1.84E-02	5.43E-01	7.29E-01	4.01E-01	8.91E+00	1.02E+01	6.99E+00	9.51E+00	1.27E+01	2.20E+00	1.47E+01	1.68E+01	
	013	NA	-22.3	5/11/2010	13:44	-4.21E+01	1.32E+02	1.63E+02	6.55E-01	7.37E-01	7.78E-01	-1.49E+00	6.90E+00	7.60E+00	1.64E+00	6.08E+00	7.34E+00	-6.88E+00	2.21E+01	2.54E+01	
	014	NA	-22.3	11/22/2010	14:41	1.02E+02	1.13E+02	1.21E+02	1.96E-01	4.62E-01	5.40E-01	-6.13E-01	6.13E+00	6.83E+00	-1.60E+00	5.88E+00	6.15E+00	3.65E+00	1.77E+01	2.05E+01	
	015	NA	-22.3	5/2/2011	12:50	6.69E+01	3.04E+02	3.43E+02	1.16E+00	1.55E+00	1.66E+00	-5.80E-01	7.86E+00	8.57E+00	-6.46E-01	7.24E+00	7.65E+00	-3.48E-01	1.60E+01	1.83E+01	
	016	NA	-22.3	12/13/2011	10:31	6.96E+01	4.14E+02	4.79E+02	1.65E+00	1.67E+00	1.75E+00	-3.83E+00	9.48E+00	1.11E+01	5.21E+00	8.73E+00	1.29E+01	6.36E+00	1.11E+01	1.22E+01	
B-1[6]	001	NA	NA	6/29/2007	12:35	7.93E+02	2.07E+02	1.89E+02	-3.83E-01	6.75E-01	9.80E-01	0.00E+00	7.04E+00	4.44E+00	-9.13E-01	3.30E+00	3.40E+00	NA	NA	NA	B-1[6]

See Page 34 for Notes

TABLE 5
HISTORIC GROUNDWATER ANALYTICAL RESULTS
INDIAN POINT ENERGY CENTER
BUCHANAN, NY

Well ID[1, 4]	SAMPLE ID	SAMPLE ZONE CENTER, depth ft below top of casing[2]	SAMPLE ZONE CENTER, elevation ft msl[2]	SAMPLE COLLECTION		ANALYSIS RESULTS[3]														Well ID[1]
						TRITIUM (pCi/L)			Sr-90 (pCi/L)			Cs-137 (pCi/L)			Co-60 (pCi/L)			Ni-63 (pCi/L)			
				Date	Time	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	Result	Std. Dev.[7]	MDC	
B-1[6]	002	NA	NA	8/14/2007	11:30	1.10E+03	2.25E+02	1.90E+02	1.29E-02	5.93E-01	7.38E-01	0.00E+00	6.71E+00	3.93E+00	9.94E-01	3.54E+00	4.16E+00	NA	NA	NA	B-1[6]
	003	NA	NA	10/22/2007	14:49	1.10E+03	4.68E+02	4.01E+02	-1.56E-01	3.72E-01	5.51E-01	1.68E+01	5.82E+00	3.82E+00	1.33E+00	3.23E+00	3.53E+00	NA	NA	NA	
	004	NA	NA	1/22/2008	13:08	2.27E+02	1.61E+02	1.71E+02	1.29E-01	5.00E-01	6.12E-01	3.13E-01	2.54E+00	2.83E+00	-9.46E-02	2.72E+00	3.01E+00	NA	NA	NA	
	005	NA	NA	4/18/2008	18:25	1.17E+03	1.57E+02	2.01E+02	-1.14E-01	3.81E-01	7.82E-01	2.00E+01	3.70E+00	3.07E+00	-2.48E-01	1.76E+00	2.97E+00	NA	NA	NA	
	006	NA	NA	6/3/2009	13:30	8.81E+02	1.83E+02	1.62E+02	7.01E-02	7.89E-01	9.15E-01	9.21E+00	1.11E+01	7.41E+00	-3.25E+00	6.23E+00	5.86E+00	NA	NA	NA	
	007	NA	NA	2/23/2010	14:10	1.49E+03	2.13E+02	1.69E+02	4.61E-02	3.00E-01	3.80E-01	4.53E+00	5.45E+00	6.44E+00	-6.69E-01	7.14E+00	5.88E+00	NA	NA	NA	
	008	NA	NA	4/23/2010	16:44	8.15E+02	1.91E+02	1.85E+02	2.22E-01	5.20E-01	6.03E-01	9.79E+00	7.91E+00	6.38E+00	5.59E-01	6.24E+00	7.21E+00	NA	NA	NA	
	009	NA	NA	8/17/2010	15:40	1.40E+04	6.48E+02	1.27E+02	1.25E-01	6.43E-01	7.91E-01	2.27E+01	1.06E+01	5.87E+00	2.96E+00	6.00E+00	7.45E+00	NA	NA	NA	
	010	NA	NA	11/17/2010	11:10	2.37E+03	2.72E+02	3.86E+02	6.87E-01	7.68E-01	1.72E+00	1.89E+01	6.46E+00	7.93E+00	8.39E-01	4.32E+00	9.74E+00	NA	NA	NA	
	011	NA	NA	2/14/2011	15:44	3.82E+03	5.88E+02	3.65E+02	5.41E-02	1.70E+00	2.14E+00	2.15E+01	1.22E+01	6.75E+00	-1.81E+00	7.00E+00	7.25E+00	NA	NA	NA	
	012	NA	NA	4/25/2011	10:50	8.10E+03	9.22E+02	4.53E+02	-6.21E-03	1.74E+00	2.09E+00	2.05E+01	1.33E+01	1.03E+01	3.18E+00	9.06E+00	1.11E+01	NA	NA	NA	
	013	NA	NA	8/17/2011	13:17	7.36E+02	3.03E+02	1.96E+02	-6.00E-02	9.87E-01	1.25E+00	1.51E+01	1.49E+01	7.29E+00	-4.01E-01	7.02E+00	7.34E+00	NA	NA	NA	
B-6[6]	001	NA	NA	7/5/2007	9:00	4.03E+02	1.67E+02	1.69E+02	1.01E-01	4.97E-01	5.67E-01	1.29E+00	3.46E+00	4.04E+00	1.09E+00	3.51E+00	4.15E+00	NA	NA	NA	B-6[6]
	002	NA	NA	8/14/2007	8:30	5.46E+01	1.68E+02	1.92E+02	-3.06E-01	6.20E-01	8.32E-01	5.63E-01	2.97E+00	3.42E+00	-2.88E+00	3.31E+00	2.35E+00	NA	NA	NA	
	003	NA	NA	10/22/2007	11:30	1.07E+02	1.70E+02	1.90E+02	-7.54E-02	4.34E-01	5.83E-01	2.39E+00	2.33E+00	3.04E+00	1.04E+00	2.46E+00	3.05E+00	NA	NA	NA	
	004	NA	NA	1/16/2008	16:50	4.72E+02	2.04E+02	1.79E+02	1.05E-01	7.05E-01	8.83E-01	3.96E+00	4.41E+00	3.32E+00	1.29E+00	3.15E+00	3.66E+00	NA	NA	NA	
	005	NA	NA	4/25/2008	14:15	5.23E+01	8.45E+01	1.43E+02	-1.20E-01	2.59E-01	5.25E-01	-2.89E-01	1.96E+00	3.24E+00	-7.50E-01	3.43E+00	4.21E+00	NA	NA	NA	
	006	NA	NA	6/3/2009	9:40	1.08E+02	1.46E+02	1.63E+02	1.71E-01	7.08E-01	8.14E-01	1.50E-01	1.19E+01	7.94E+00	1.26E+00	5.79E+00	6.80E+00	NA	NA	NA	
	007	NA	NA	2/19/2010	9:56	3.78E+02	1.65E+02	1.68E+02	1.14E-02	3.57E-01	4.59E-01	1.43E+00	4.13E+00	4.84E+00	2.21E-01	3.96E+00	4.54E+00	NA	NA	NA	
	008	NA	NA	5/18/2010	9:40	4.48E+01	1.62E+02	1.84E+02	-1.02E-01	4.47E-01	5.71E-01	5.39E-01	5.58E+00	6.34E+00	2.39E-01	5.50E+00	6.27E+00	NA	NA	NA	
	009	NA	NA	8/5/2010	13:43	1.49E+02	1.62E+02	1.79E+02	1.12E-01	8.02E-01	9.78E-01	2.32E+00	6.57E+00	8.03E+00	-9.21E-02	8.23E+00	9.37E+00	NA	NA	NA	
	010	NA	NA	11/8/2010	11:45	1.05E+02	1.33E+02	1.43E+02	1.43E-01	6.60E-01	7.68E-01	0.00E+00	5.04E+00	6.20E+00	-3.20E-01	4.70E+00	5.29E+00	NA	NA	NA	
	011	NA	NA	2/28/2011	11:27	8.39E+02	3.90E+02	3.65E+02	6.28E-01	1.78E+00	2.05E+00	4.45E+00	5.82E+00	7.02E+00	-1.35E+00	6.50E+00	6.88E+00	NA	NA	NA	
	012	NA	NA	4/25/2011	9:48	2.68E+03	6.18E+02	4.53E+02	-6.69E-01	1.58E+00	2.09E+00	-1.31E-01	8.56E+00	9.08E+00	4.73E+00	1.06E+01	1.35E+01	NA	NA	NA	
	013	NA	NA	7/8/2011	11:05	5.39E+02	3.54E+02	2.82E+02	1.32E+00	1.56E+00	1.63E+00	6.09E+00	1.58E+01	8.04E+00	-2.64E+00	8.97E+00	8.84E+00	NA	NA	NA	
	014	NA	NA	7/29/2011	10:52	6.45E+02	4.14E+02	3.38E+02	-2.59E-01	1.39E+00	1.79E+00	1.60E+00	7.74E+00	8.72E+00	4.72E+00	5.07E+00	7.82E+00	NA	NA	NA	
	015	NA	NA	10/20/2011	12:01	1.70E+02	3.48E+02	3.87E+02	-1.65E-01	1.57E+00	1.98E+00	-3.07E+00	7.65E+00	8.33E+00	1.53E+00	8.34E+00	1.10E+01	NA	NA	NA	

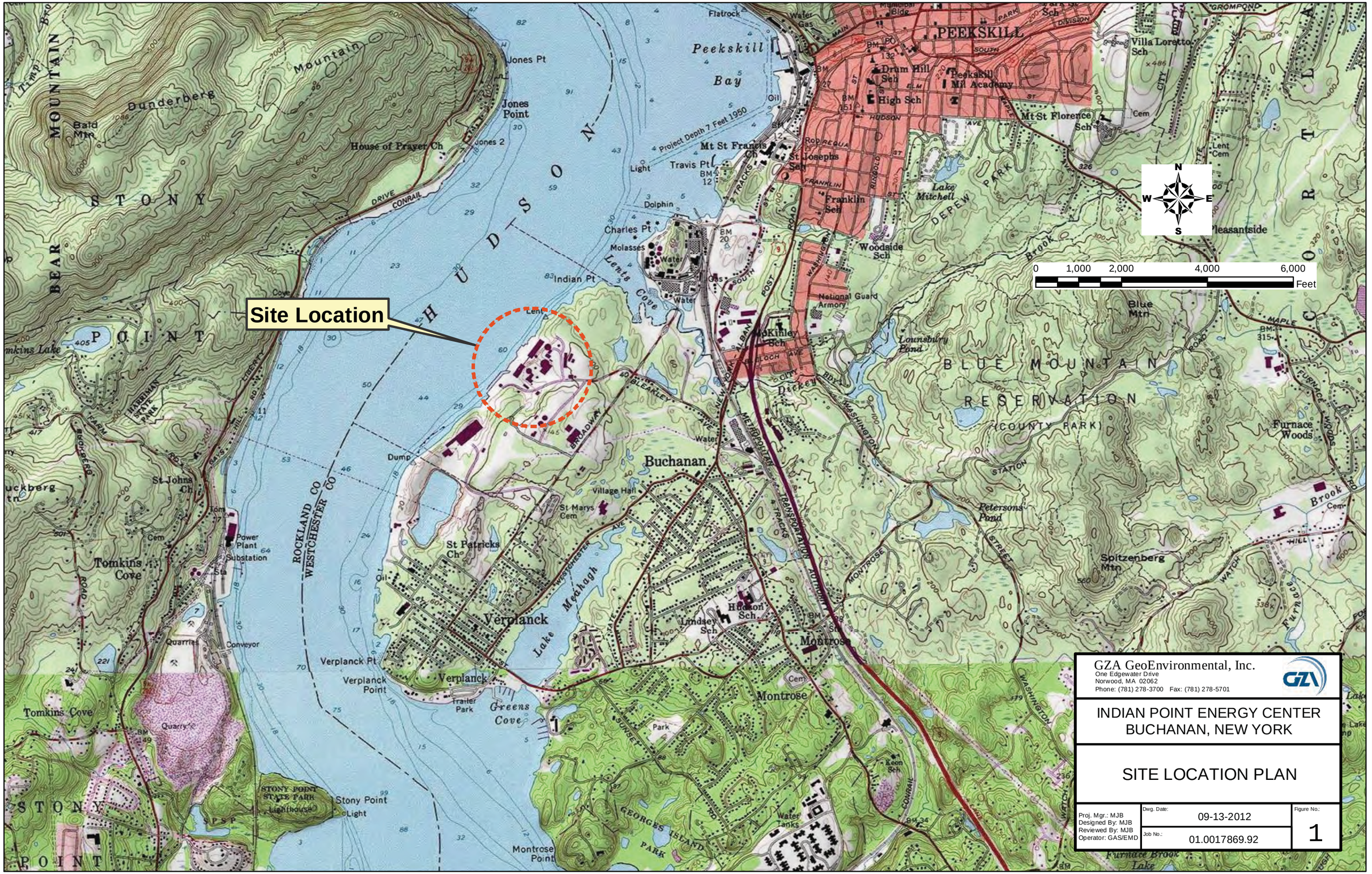
Notes:

1. For nested multi-level monitoring wells, suffix of well ID indicates depth (rounded to nearest foot) from reference point on casing to bottom of well screen. For Waterloo multi-level systems, suffix indicates depth (rounded to nearest foot) from reference point on casing to top of sampling port. Well IDs without a suffix are open bedrock wellbores.
2. Sampling depths within sampling intervals (location of pump intake) have been established at location of most transmissive zone to the extent possible.
3. NA indicates that the constituent was not analyzed.
4. Current well identifications are shown for each location. Minor name changes have been made based on altered transducer installations.
5. At monitoring well U3-T1, sample IDs 019-B, 019-D, and 019-S were collected for laboratory and field QA/QC (B=Blind, D=Duplicate, S-Spike). Only the duplicate sample results were included in the calculations for rolling averages.
6. These locations are storm drains or foundation drains, not monitoring wells.
7. Column designated as “Std. Dev.” provides the three times 1 sigma uncertainty values.

* The Q1 2011 MW-40-100, MW-40-127 and MW-51-189 Cs-137 results were verified by re-analysis. However, based on the available chemistry and Site hydrogeologic data, these values do not appear to be representative of the groundwater conditions at these sampling intervals.
** The Q2 2011 MW-40-46 preliminary Sr-90 result was 2.83 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.
*** The Post-Q3 2011 MW-58-65 preliminary Sr-90 result was 3.64 pCi/L and exceeded the IL. However, after re-analysis, the sample was below the detection limit which suggests the preliminary result was likely a false positive. A shift in the MDC for the preliminary result could have possibly resulted from contaminated laboratory equipment, modified count time, or changes in sample preparation.

See Page 34 for Notes

FIGURES



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INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

SITE LOCATION PLAN

Proj. Mgr.: MJB Designed By: MJB Reviewed By: MJB Operator: GAS/EMD	Dwg. Date: 09-13-2012 Job No.: 01.0017869.92	Figure No.: 1

 \\gzanor\Jobs\17,000-18,999\17869\17869-91.MG\Figures\GIS\MXD Documents\2011-comb\12-08-30 F01 Site Location Plan 17869-92_final.mxd, 9/13/2012, 12:52:26 PM, jennifer.pisani

Transformer Substation "H"
Trans
Storage Tank
Tank
Tank
Trailer
Tank Pit
Pressure Water Storage Tank
Reactor Water Storage Tank
Fuel Pool
Fuel Pool
NCD
SCD
Tunnel
Utility
Chem. Service
Chem. Sys. Foundation Drain
Sphere Foundation Drain Sump
Transformers on raised Concrete Pad
UNIT 1
Annulus
MOB
Fuel Pool
Fuel Storage Building
Primary Auxilliary Building
Curtain Drain
UNIT 2
Transformers on raised Concrete Pad
Nuclear Service Building
Transformers Concrete slab
Transformer area and switch gear
Storage Tanks
Containment Spray Sump
Stack
Superheater / Admin. Building
Transformer yard
Transformer Yard
Discharge Canal
Turbine Generator Building 1
Turbine Generator Building 2
Unit 1 Screenwell House
Transformers Yard (Gravel)
Tank FPT
Tank FPT
Reactor Water Storage Tank
Tank Pit
Passive Water Storage Tank
Primary Auxilliary Building
Fuel Storage Building
Condensate Tank
Curtain Drain
UNIT 3
Transformer Yard
Aux. Boiler Building
Turbine Generator Building 3
Heater Bay
DISCHARGE CANAL
Tank
Condensate Polisher Building
Intake Structure
Administration Building
Outfall
Hudson River
06
08
70
30
90

LEGEND

- Storm Drain
- Storm Drain - Connection Terminated
- Footing / Curtain Drain

Plant North

50 25 0 50 100 150 Feet

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INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

SITE PLAN

Proj. Mgr.: DMW
Designed By: MJB/DMW
Reviewed By: DMW
Operator: GAS/EMD

Dwg. Date: 09-13-2012
Job No.: 01.0017869.92

Figure No.: 2

\\gzanor\Jobs\17,000-18,999\17869\17869-91.MG\Figures\GIS\MXD Documents\2011-comb\12-08-30 F02 Site Plan 17869-92_DRAFT.mxd, 9/13/2012, 12:54:42 PM, jennifer.pisani

IPEC

GEOLOGIC MAP OF NEW YORK, LOWER HUDSON SHEET, REPRINTED 1995, NEW YORK STATE MUSEUM AND SCIENCE SERVICE, MAP AND CHART SERIES NO. 15.

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INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

LOWER HUDSON VALLEY GEOLOGIC MAP

Proj. Mgr.: DMW Designed By: SJC Reviewed By: DMW Operator: GAS/EMD	Dwg. Date: 09-14-2012 Job No.: 01.0017869.92	Figure No.: 3

GZA–J:\17,000–18,999\17869\17869–91.MG\Figures\CADD\4Q2011\12–09–14 F03 Lower Hudson Valley Geologic Map 17869–92_FINAL.dwg [FIG–3] September 16, 2012 – 8:42am elaine.donohue

4th QUARTER 2011 CURRENT AND POTENTIAL FUTURE SSC SOURCE LOCATIONS

UNIT 1/2
UNIT 3 NORTH
UNIT 3 SOUTH
UNIT 2 NORTH
SOUTHERN CLEAN ZONE
NORTHERN CLEAN ZONE
UNIT 1
UNIT 2
UNIT 3
EASTERN IP1-CB FLOW PATH
LEGACY IP1 STORM DRAIN FLOW PATH
SOUTH WESTERN IP1-CB FLOW PATH
IP1-CSS TRENCH FLOW PATH
CSS TRENCH
IP1 FLOW PATH
PRIMARY
TUNNEL
UTILITY
U1-SFDS
U1-NCD
U1-CSS
CSS
F/O FUEL POOL
PAB
Transformer Yard
Turbine Generator Building 1
Turbine Generator Building 2
Turbine Generator Building 3
DISCHARGE CANAL
MH-5 VCFR
HR-1
RW-1
MW-30
MW-31
MW-32
MW-33
MW-34
MW-35
MW-36
MW-37
MW-38
MW-39
MW-40
MW-41
MW-42
MW-43
MW-44
MW-45
MW-46
MW-47
MW-48
MW-49
MW-50
MW-51
MW-52
MW-53
MW-54
MW-55
MW-56
MW-57
MW-58
MW-59
MW-60
MW-62
MW-63
MW-65
MW-66
MW-67
MW-68
MW-101
MW-105
MW-107
MW-108
MW-109
MW-110
MW-111
B-1
B-6
LAFARGE WELLS
LAF-01
LAF-02
LAF-03
OUT-1
HUDSON RIVER
Plant North

LEGEND

MW-30 — Boring / Monitoring Installation Designation
Longterm Radionuclide Monitoring Installation
Standby Radionuclide Monitoring Installation

Potential Future Source Locations

Unit 2 and Unit 3 Potential H3 Sources

Localized Transient Releases (Surface Spills and Washout)

5 Transient Distillate Tank Valve Leak in Unit 1 Fuel Storage Building - 03/07/2009
6 Unit 3 SFP Evap. Washout to MH-A2 – 3/25/09 (initial)
7 Transient Spill from Temporary R.O. Skid Piping - Entered MW-32 Vault and MH-9 - 11/21/2009
8 Sample Sink Overflow - Unit 1 Chemical Systems Building Q2 2011

Probable Legacy Release SSCs

Unit 2 Fuel Pool
(All identified leaks repaired as of December 2007)
Unit 1 West Fuel Pool
(All U1-SFPs drained and inactive as of October 2008)
Terminated Connection To Storm Drain
Drain Exfiltration
Inter-Structure Joint / Mud Mat
Containment Spray Sump Pipe Trench

Groundwater Elevation Contours

20 — [1] Ambient "Watertable" Contours for Q4 2008 (11/11/2008)[1]
5 - - - Contours Other Than 10' Interval
Streamtubes

Activity Data

Isopleth

Bounding Activity H3[1,2]: > 5,000 pCi/L
Bounding Activity SR90[1,3]: > 2 pCi/L

Notes:
1. Groundwater contours drawn from Q4 2008 groundwater data to show groundwater conditions used for recalibration of the Precipitation Mass Balance Model (see Q2 2009 LTM Report). These contours developed from limited data recorded on 11/11/2008. Actual elevations may vary from conditions shown and the actual distribution of piezometric heads is likely more complex than indicated.

Data Notes:
1. Illustration of contaminant plume is a schematic representation only. **In reality**, the geologic bedrock formation is over 99% solid, crystalline rock, with the contaminated water contained only in the remaining (less than 1%) interstitial space (i.e. fractures).
2. The H3 bounding isopleth encompasses upper bound values measured over both depth and time through the current quarter. As such, the "plume" is an overstatement of contaminant levels actually existing on-site at any one time. Compare bounding plume to current plume on Figure 6.
3. The Sr-90 bounding isopleth encompasses upper bound values measured over both depth and time through the current quarter. As such, the "plume" is an overstatement of contaminant levels actually existing on-site at any one time. Compare bounding plume to current plume on Figure 7.
4. Two discrete isopleths have been drawn around MW-39 and 41 given measured Sr90 concentrations greater than 2 pCi/L. It is expected that similar concentrations exist at other locations along the legacy piping alignment in addition to the locations shown.
5. Historically elevated tritium levels in MW-42-49 observed during Q1 2009 were consistent with leakage visually identified on 03/07/2009 (and terminated immediately thereafter) from the waste distillate tank valves located within the Unit 1 fuel storage building. Elevated tritium levels not seen in MW-53; therefore, this transient leakage was likely to have been generally confined to, and contained by, the Unit 1 North Curtain Drain.
6. Historically elevated Tritium levels in MW-45-47 observed during Q2 2009 were consistent with an increased activity observed in Unit 3 Manhole A2. This release was initially detected in a storm drain sample collected 03/25/2009 under the 80-10 Effluents Program. This Tritium peak dissipated prior to samples taken during the subsequent quarter. Additionally, transient Tritium peaks have been recently detected in MH-A2 from Q3 2010 to Q3 2011. These increases are consistent with elevated Tritium levels in MW-41-40, MW-46 and B-1. Based on investigations initiated in, and ongoing since, 2009 and the more recent sampling of the Unit 3 Fuel Storage Building (FSB) roof drains, it has been concluded that these increases in storm drain and monitoring well Tritium activity are due to condensation of SFP evaporation on the FSB roof (Washout) when the exhaust fan is not operating, which then enters the roof drains and discharges directly into MH-A2 during rainfall events. As such, Entergy placed the FSB vent fan back in service on 7-21-2011 and the Tritium activity in MH-A2 returned to baseline conditions within 2 weeks.
7. Elevated levels of Tritium detected in MH-9 and MH-10a during routine 80-10 Effluents Program sampling on 1/15/2010 appears to have originated from a November 21, 2009 transient leak in temporary RWST / R.O. skid connection hoses, which flowed into MH-9. It also appears that this release entered the well vault for MW-3Z, and may have penetrated the well casings and entered the subsurface around the monitoring installation.
8. Elevated levels of Tritium initially detected in U1-CSS, MW-39, MW-46, MW-54, MW-56 and MW-57 during the Q2-2011 sampling event appear to have originated from a Q2 2011 sample sink overflow and subsequent floor flooding in a Unit 1 Chemical Systems Building sample room on the 53' elevation.

General Notes:
1. Base map was developed from an untitled electronic file provided by Badey & Watson Surveying and Engineering, P.C., Dated 2/3/06; CAD file name : "GZA.dwg".
2. Additional Long Term Monitoring Plan information is provided in the Hydrogeologic Site Investigation Report, GZA GeoEnvironmental, Inc. January 7, 2008.

1,557.1'

0 100 200 400 Feet

50 25 0 50 100 150 Feet

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INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

4th QUARTER 2011
CURRENT AND POTENTIAL FUTURE
SSC SOURCE LOCATIONS

Proj. Mgr.: MJB Designed By: MJB Reviewed By: MJB Operator: GAS	Dwg. Date: 09-13-2012 Job No.: 01.0017869.92	Figure No.: 4

1st QUARTER 2011 LONGTERM TRANSDUCER MONITORING EVALUATION MAP

Well ID	Maximum Low River Tide Elevation Q2-2007 through Q2-2009 (Feet msl)	Maximum Low River Tide Elevation Q2-2007 through Q2-2009 (Quarter)	Maximum Low River Tide Elevation Q2-2007 through Q2-2009 (Feet msl)	Maximum Low River Tide Elevation Q2-2007 through Q2-2009 (Quarter)	Low River Tide Elevation Q1-11 (feet msl)
HR1	-3.28	Q3-09	-0.86	Q3-07	NA
I2	48.62	Q3-07	53.73	Q1-08	50.74
MW-30-69	11.53	Q3-07	12.33	Q1-09	13.23
MW-30-84	12.36	Q4-08	13.13	Q1-09	12.29
MW-40-27	54.22	Q4-08	60.39	Q1-08	56.35
MW-40-162	36.67	Q3-07	50.49	Q1-08	45.00
MW-43-28	31.08	Q3-07	33.95	Q2-08	37.07
MW-43-62	30.48	Q3-08	34.13	Q1-09	31.43
MW-46	11.95	Q3-07	15.05	Q1-08	13.01
MW-51-40	45.15	Q2-09	52.35	Q2-08	41.95
MW-51-109	29.33	Q3-07	31.79	Q2-08	29.48
MW-53-82	9.59	Q3-07	12.60	Q2-08	10.59
MW-53-120	9.18	Q3-07	11.49	Q2-08	10.35
MW-55-24	7.82	Q3-07	9.02	Q4-08	8.88
MW-55-54	7.65	Q3-07	8.82	Q4-08	7.90
MW-65-48	36.98	Q2-09	48.19	Q1-09	NA
MW-65-80	32.72	Q4-08	34.97	Q2-08	NA
MW-66-21	-0.74	Q1-08	0.50	Q2-09	0.74
MW-66-36	-0.86	Q1-09	0.81	Q2-07	0.59
MW-67-39	-0.56	Q3-09	1.02	Q3-07	-1.42
MW-67-340	-2.42	Q2-09	0.63	Q3-07	-3.47
U3-C1	0.64	Q1-09	3.58	Q4-07	3.28

Notes:
1. Quarter 2, 2007 groundwater elevations were measured on 6/1/07 at 6:20 am.
2. Quarter 3, 2007 groundwater elevations were measured on 9/25/07 at 4:32 am.
3. Quarter 4, 2007 groundwater elevations were measured on 12/9/07 at 4:15 am.
4. Quarter 1, 2008 groundwater elevations were measured on 1/3/08 at 1:04 a.m.
5. Quarter 2, 2008 groundwater elevations were measured on 4/4/08 at 5:14 pm.
6. Quarter 3, 2008 groundwater elevations were measured on 7/10/08 at 11:35 a.m.
7. Quarter 4, 2008 groundwater elevations were measured on 11/11/08 at 2:54 a.m.
8. Quarter 1, 2009 groundwater elevations were measured on 1/9/09 at 2:42.
9. Quarter 2, 2009 groundwater elevations were measured on 5/22/09 at 2:41 pm.
10. Quarter 3, 2009 groundwater elevations were measured on 8/9/09 at 8:18 am.
11. Quarter 4, 2009 groundwater elevations were measured on 11/28/09 at 3:45 pm.
12. Quarter 1, 2010 groundwater elevations were measured on 1/30/10 at 6:00 a.m.
13. Quarter 2, 2010 groundwater elevations were measured on 4/09/10 at 12:06 pm.
14. Quarter 3, 2010 groundwater elevations were measured on 7/31/10 at 12:30 am.
15. Quarter 4, 2010 groundwater elevations were measured on 10/16/10 at 1:36 am.
16. Quarter 1, 2011 groundwater elevations were measured on 1/22/11 at 8:20 pm.
NA – data not available

11.23 **Highlighted box indicates that data falls >30% outside of range between Q2-2007 and Q2-2009, inclusive.**

LEGEND

Monitoring Installations

MW-30 — Boring / Monitoring Installation Designation

Longterm **Radionuclide** Monitoring Installation

Standby **Radionuclide** Monitoring Installation

Quarterly groundwater elevation at time of low river tide on 1-22-2011

Multiple Screened Intervals w/ Depth

32.5	33.3	34.7
33.1		35.2
35.6		38.1
36.8	38.4	39.2

Transducer Monitored Interval

Interval no longer monitored with **Transducer**

Single level monitoring location with duplicate **Transducers** for redundancy* (Data from primary trans. shown)

Maximum quarterly groundwater elevation at time of low river tide measured between Q2 2007 and Q2 2009, inclusive.

Minimum quarterly groundwater elevation at time of low river tide measured between Q2 2007 and Q2 2009, inclusive.

Transducer Notes:
* - For locations with multilevel depth monitoring, redundancy provided by monitoring more than one depth at same location.
† - Redundant transducer data not available for Q1 2011.

Potential Future Source Locations

Unit 2 and Unit 3 Potential H3 Source

Localized Transient Releases (Surface Spills and Washout)

5 Transient Distillate Tank Valve Leak in Unit 1 Fuel Storage Building - 3/07/2009

6 Unit 3 SFP Evap. Washout to MH-A2 – 3/25/09 (initial)

7 Transient Spill from Temporary R.O. Skid Piping - Entered MW-32 Vault and MH-9 - 11/21/2009

Probable Legacy Release SSCs

Unit 2 Fuel Pool (All identified leaks repaired as of December 2007)

Unit 1 West Fuel Pool (All U1-SFPs drained and inactive as of October 2008)

Terminated Connection To Storm Drain

Drain Exfiltration

Inter-Structure Joint / Mud Mat

Containment Spray Sump Pipe Trench

Activity Data

Isopleth

Bounding Activity H3[1,2]: > 5,000 pCi/L

Bounding Activity SR90[1,3]: > 2 pCi/L

Data Notes:
1. Illustration of contaminant plume is a schematic representation only. **In reality**, the geologic bedrock formation is over 99% solid, crystalline rock, with the contaminated water contained only in the remaining (less than 1%) interstitial space (i.e. fractures).
2. The H3 bounding isopleth encompasses upper bound values measured over both depth and time through the current quarter. As such, the "plume" is an overstatement of contaminant levels actually existing on-site at any time. Compare bounding plume to current plume on Figure 6.
3. The Sr-90 bounding isopleth encompasses upper bound values measured over both depth and time through the current quarter. As such, the "plume" is an overstatement of contaminant levels actually existing on-site at any time. Compare bounding plume to current plume on Figure 7.
4. Two discrete isopleths have been drawn around MW-39 and 41 given measured Sr90 concentrations greater than 2 pCi/L. It is expected that similar concentrations exist at other locations along the legacy piping alignment in addition to the locations shown.
5. Historically elevated Tritium levels in MW-42-49 observed during Q1 2009 were consistent with leakage visually identified on 03/07/2009 (and terminated immediately thereafter) from the waste distillate tank valves located within the Unit 1 fuel storage building. Data trends through Q1 2010 indicate that the observed Tritium peaks in MW-42-49 and downgrading wells associated with this release have dissipated through the groundwater flow system.
6. Historically elevated Tritium levels in MW-45-42 observed during Q2 2009 were consistent with an increased activity observed in Unit 3 Manhole A2. This release was initially detected in a storm drain sample collected 03/25/2009 under the 80-10 Effluents Program. This Tritium peak dissipated prior to samples taken during the subsequent quarter. Additionally, transient Tritium peaks have been recently detected in MH-A2 from Q3 2010 to Q1 2011. These increases are consistent with elevated Tritium levels in MW-41-40, MW-46 and B-1. Based on investigations initiated in, and ongoing since, 2009 and the more recent sampling of the Unit 3 Fuel Storage Building (FSB) roof drains, it has been concluded that these increases in storm drain and monitoring well Tritium activity are due to condensation of SFP evaporation on the FSB roof (Washout) when the exhaust fan is not operating, which then enters the roof drains and discharges directly into MH-A2 during rainfall events.
7. Elevated levels of Tritium detected in MH-9 and MH-10a during routine 80-10 Effluents Program sampling on 1/15/2010 appears to have originated from a November 21, 2009 transient leak in temporary RWST / R.O. skid connection hoses, which flowed into MH-9. It also appears that this release entered the well vault for MW-32, and may have penetrated the well casings and entered the subsurface around the monitoring installation.

General Notes
1. Base map was developed from an untitled electronic file provided by Badey and Watson Surveying and Engineering, P.C., Dated 2/3/06; CAD file name : "GZA.dwg".

LAFARGE WELLS

LAF-03

LAF-02

LAF-01

HUDSON RIVER

0 100 200 400 Feet

1,557.1'

MW-101 1,015'

MW-105 640'

Plant North

HUDSON RIVER

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INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

1st QUARTER 2011
LONGTERM TRANSDUCER
MONITORING EVALUATION MAP

Proj. Mgr.: MJB
Designed By: MJB
Reviewed By: MJB
Operator: GAS

Dwg. Date: 09-17-2012

Job No.: 01.0017869.92

Figure No.: 5A