LANDFILL MANAGEMENT PLAN
FORMER SAN ANTONIO LANDFILL
ALBUQUERQUE, NEW MEXICO

Prepared for:

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List of Acronyms

AEHD	City of Albuquerque Environmental Health Department
AGIS	Albuquerque Geographic Information System
bgs	below ground surface
CO	certificate of occupancy
COA	City of Albuquerque
COC	constituent of concern
DBS&A	Daniel B. Stephens and Associates, Inc.
ft	foot/feet
HDPE	high-density polyethylene
I-25	Interstate 25
INTERA	INTERA Incorporated
Interim Guidelines	Interim Guidelines for Development within City Designated Landfill Buffer Zones
LEL	lower explosive limit
LFG	landfill gas
LMP	landfill management plan
NE	Northeast
NMDOT	New Mexico Department of Transportation
NMED	New Mexico Environment Department
OMMP	Operation Maintenance and Monitoring Plan
PE	Professional Engineer
Sunbelt	Sunbelt Geophysics, Inc.
UEL	upper explosive limit
VOC	volatile organic compound

1. INTRODUCTION

This landfill management plan (LMP), for the former San Antonio Landfill formerly owned and operated by the City of Albuquerque (COA), has been prepared by INTERA Incorporated (INTERA) on behalf of the COA Environmental Health Department (AEHD). The purpose of this LMP is to establish a plan to monitor and control landfill gas (LFG) that exceeds guideline concentrations, as it impacts development on the landfill and within the established buffer zone around the landfill. INTERA was directed to prepare the LMP in accordance with the AEHD's *Scope of Services, Landfill Gas Investigation and Characterization Study, Phase II*, dated September 10, 2002. As required by the AEHD *Scope of Services*, this LMP incorporates the following elements:

- guidelines for development on the landfill and within the buffer zone around the perimeter of the landfill;
- a utility plan;
- a LFG monitoring plan;
- a long term landfill monitoring plan; and
- a LFG control plan.

The *Scope of Services* also states that the LMP should address development both on the landfill and within the landfill buffer zone relative to the AEHD *Interim Guidelines for Development within City Designated Landfill Buffer Zones (Interim Guidelines)* (COA, 2004).

1.1. Landfill Description and History

The former San Antonio Landfill is located in northeast Albuquerque, New Mexico approximately 200 feet (ft) east of Interstate 25 (I-25) along San Antonio Drive Northeast (NE). The location of the landfill is shown on Figure 1. The northern extent of the landfill is located near the center of the median between the east-bound and west-bound lanes of San Antonio Drive NE (INTERA, 2005). The Pino Arroyo (a concrete-lined drainage facility) is accepted as the southern boundary of the landfill. The west curb of Louisiana Boulevard NE is the landfill's eastern boundary and the western extent of the fill area is approximately 100 ft east of North Pan American Freeway NE. Figure 2 shows the extent of the landfill as defined by AEHD (COA, 1997). It should be noted that although the landfill was formerly owned and operated by the COA, at the present time the property within the boundaries of the former San Antonio Landfill is both publicly and privately held. Parcel locations and parcel owners are also shown on Figure 2. Table 1 provides a physical description of the former San Antonio Landfill.

Previous operations from when the former San Antonio Landfill was operational, placed municipal waste in an east to west running arroyo. The waste within this arroyo is approximately 25 ft deep, but it is shallower toward the east end of the landfill. The landfill was operated by the COA between 1968 and 1970, when household waste, construction and demolition waste were accepted at the landfill. The waste depth ranges from approximately 5 to 31 ft below ground surface (bgs) (INTERA, 2005). The landfill is unlined and covers approximately 42.5 acres. Observations of the waste excavated for construction of the Cracker Barrel Restaurant and the

adjacent hotels confirmed that the waste was predominantly household and construction debris. Most of the landfill has a soil cover with moderate to sparse vegetation. The landfill property is primarily developed west of San Pedro Drive. The landfill surface is vacant east of San Pedro Drive. Commercial buildings are presently being constructed at the landfill. The landfill area includes portions of San Antonio Boulevard and San Pedro Drive. San Antonio Boulevard is a divided road with a median that also serves as a corridor for a major overhead power line running east-west across the northern half of the landfill. In general, the surface of the landfill has a slight grade, which promotes positive drainage off the landfill cover; however, many small localized depressions exist on the landfill cover, which capture storm water. These depressions, as well as depressions in roadways, appear to be to the result of differential waste settlement. During the expansion of San Antonio Boulevard from two to four lanes in 1992 to 1993, the COA consolidated the landfill materials underlying the newly constructed roadway using dynamic compaction methods.

An AEHD investigation of the hydrogeology in the vicinity of the former San Antonio Landfill revealed the presence of alluvial fill deposits consisting of medium- to fine-grained sand underlain by a thick sequence of sediments that grades from fine-grained sand to coarse gravel and boulders. Geotechnical borings in the area of the landfill show a predominance of clean to silty or clayey sand in and around the landfill. Depth to ground water is approximately 310 to 360 ft bgs, and the ground water flow direction is primarily south-southeast (DBSA, 2002).

INTERA subcontracted Sunbelt Geophysics, Inc. (Sunbelt) of Albuquerque, New Mexico to perform a geophysical survey at the former San Antonio Landfill in 2002. This work was conducted by INTERA on behalf of the New Mexico Environment Department, Voluntary Remediation Program. The purpose of the geophysical survey was to evaluate the depth of waste and the thickness of landfill cover. It should be noted that AEHD representatives observed the geophysical field work as it was conducted. In terms of the thickness of waste present in the landfill, the geophysical survey results were not conclusive. The difference in geophysical response between the waste mixed with soil within the landfill and the native soil material beneath was not sufficient to provide definitive evidence of the boundary between the waste and the underlying native soil material. Geotechnical borings drilled to confirm the results of the geophysical study indicate that trash is present between 2 and 30 ft bgs. The maximum extent of buried waste is deepest at the west end of the former San Antonio Landfill. The geophysical data did provide sufficient evidence to conclude that the thickness of soil cover across the former San Antonio Landfill ranges from two to six ft (INTERA, 2002).

1.2. Description of LFG and Associated Risks

LFG is predominantly a product of the anaerobic decomposition of organic waste, and it is comprised of a variety of different components. For landfills containing mostly household waste, the typical steady-state composition of LFG in decreasing concentrations are methane, carbon dioxide, nitrogen, oxygen, hydrogen sulfide, and volatile organic compounds (VOCs). Of these constituents, methane has the highest explosive potential. The concentration level at which a gas has a potential to explode is called the explosive limit. The potential for a gas to explode is determined by its lower explosive limit (LEL) and its upper explosive limit (UEL). The LEL and UEL are measures of the percent of gas in the air by volume. Methane has an LEL of 5 percent and an UEL of 15 percent.

The amount of methane produced by a landfill is dependent on a variety of conditions including landfill age, the mass of organic material, and moisture. For newer landfills, methane concentrations typically range between 45 and 75 percent by volume, with a gradual reduction in concentration over time.

If production of LFG is significant, the landfill can become pressurized, forcing LFG outward beyond the boundaries of the landfill. Migrating LFG follows the path of least resistance which includes utility corridors, deposits of sand and gravel, or areas of prior excavation that have not been properly compacted. In some instances, LFG has been detected at distances of over 1,000 ft from a landfill. There is a potential danger associated with development activities within and near closed landfills, because LFG can migrate to off-site areas surrounding a landfill. The presence of the LFG constituent methane also presents a risk to development occurring at the surface of a former landfill, where migration of methane beneath the surface and through the surface cover of the landfill can occur, with methane potentially accumulating in confined spaces and buildings.

In addition to potentially being combustive, LFG may also be a health hazard due to other gases such as carbon dioxide, hydrogen sulfide, and VOCs. Carbon dioxide is a simple asphyxiate, hydrogen sulfide is extremely toxic, and VOCs present a range of hazards including the potential for exposure to constituents which are known human carcinogens.

As a result of the above concerns, all property development on the landfill and within the designated landfill buffer zone is subject to AEHD's *Interim Guidelines*. The *Interim Guidelines* were developed to reduce/mitigate the risks associated with LFG to new private and commercial development within a COA-designated buffer zone. The *Interim Guidelines* apply to all landfills under COA or private ownership and all permitted landfills, un-permitted landfills, and/or illegal dumpsites (COA, 2004).

1.3. Current LFG Monitoring Infrastructure and Data

In 2003, INTERA installed 39 COA-owned LFG monitoring wells around the perimeter of the San Antonio Landfill. The locations of the LFG monitoring wells are depicted on Figure 2. The LFG monitoring wells were more closely spaced (within 250 ft) where the majority of the private development had already occurred and spaced farther apart where development was less dense (i.e. near the southwest corner of the former San Antonio Landfill). The placement of these LFG monitoring wells was performed by INTERA at the direction of AEHD. AEHD intended to focus on those areas that exhibited the most current (or future) likelihood of development (or re-development). The LFG monitoring wells have been monitored quarterly by INTERA since installation in 2003. Table 2 presents the quarterly monitoring data collected through December 2008.

At the date of this report, there are a total of 15 LFG monitoring wells located within the former San Antonio Landfill that were installed by private property owners. The locations of these properties and monitoring wells are shown on Figure 2A. Nine LFG monitoring wells are located around the perimeter of the NMED building located at 5500 San Antonio Drive NE. Four LFG monitoring wells are located at the Hilton Garden Inn® property located at 5320 San Antonio Drive NE and two LFG monitoring wells are located at the Homewood Suites by Hilton®

property located at 5400 San Antonio Drive NE. There are no LFG monitoring wells at the Cracker Barrel Restaurant property. The private LFG monitoring wells were installed as LFG risk mitigation measures recommended by qualified LFG experts during the development of each property. The location of these LFG monitoring wells are shown on Figure 2A. The most recent data collected from the LFG monitoring wells located within the former San Antonio Landfill were obtained from AEHD's files and are presented in Table 3.

1.4. Planning and Zoning On the Landfill and within the Buffer Zone

The former San Antonio Landfill is located in the northeastern portion of Albuquerque within the Academy Acres North Neighborhood on the northern end of Albuquerque Geographic Information System (AGIS) Zone Atlas Page E-18-Z. Area zoning information is shown on Figure 3. The 1,000-foot landfill buffer zone extends into portions of AGIS Zone Atlas Pages D-17-Z, D-18-Z, D-19-Z, E-17-Z, and E-19-Z. The former San Antonio Landfill is zoned SU-1 (Special Use Zone), as designated by the COA. The zoning to the southwest and northwest of the former San Antonio Landfill (immediately west of I-25) is designated as M-1 (Light Manufacturing). The zoning designations immediately north of the former San Antonio Landfill are designated as (from west to east): C-2 (Community Commercial Zone), SU-1, C-2, SU-1, R-2 (Residential Zone: houses, town-homes, and medium density apartments) and C-1 (Neighborhood Commercial Zone) as specified by the COA. Land use to the southeast of the former San Antonio Landfill is identified as SU-1 (immediately south of the Pino Arroyo) with residential land use (R-1) to the south of Vivian Drive. Land use immediately south of the former San Antonio Landfill (to the south of the Pino Arroyo) is zoned as SU-1 with residential land use (R-1) located further to the south. Land use designated to the south of the southwestern end of the former San Antonio Landfill is zoned as SU-1 and is currently developed as a Presbyterian Health Care Center.

2. GUIDELINES FOR DEVELOPMENT

Decisions to approve various types of development on the former San Antonio Landfill and within its associated landfill buffer zone are guided by the requirements of the *Interim Guidelines* (AEHD, 2004). The *Interim Guidelines* provide a description of all required components of a development plan for properties on a landfill and/or within the buffer zone. The former San Antonio Landfill is a relatively large landfill and although some buried waste has been removed in areas of development, there is still potentially a large volume of waste in this landfill.

A LFG survey conducted in 2002 by DBS&A at the former landfill provided initial data on the potential for LFG at the former San Antonio Landfill. The initial LFG survey consisted of the installation of 48 temporary gas sampling probes, the collection of LFG samples, and sample analyses for methane, carbon dioxide, oxygen, and hydrogen sulfide. In addition, a portion of the LFG samples was analyzed for VOCs. The results of this study indicated that methane concentrations in some of the probes ranged up to 15.2 percent, primarily in the central portion of the former landfill. There were areas of the former landfill that showed no methane detection in the LFG probes. The results of the study indicated signs of waste degradation across the former landfill. Low levels of 25 different VOCs were detected during the survey. Based upon the result of this survey, permanent LFG monitoring wells were installed at the former landfill for the COA by INTERA in 2004 (see Section 1.3). Several years of LFG monitoring data from the perimeter LFG monitoring wells indicates that methane is either not detected, or detected intermittently at relatively low concentrations (see Table 2).

2.1. Key Requirements of the *Interim Guidelines*

The *Interim Guidelines* (COA, 2004) is the primary guidance document that describes the document submittal, approval, and certification process for development on a closed landfill or within a landfill buffer zone. The required documents for a development project within the landfill buffer zone must be stamped by a New Mexico Professional Engineer (PE) who meets all AEHD requirements for rendering a qualified opinion on LFG issues. According to the *Interim Guidelines*, a LFG Assessment Report must accompany the Site Development Plan. The requirements of the LFG Assessment Report are presented in detail in the *Interim Guidelines*. The qualified PE is fully responsible for evaluating LFG risk and establishing any and all LFG mitigation measures. The AEHD maintains review authority over the qualified PE's findings and recommendations. It should be noted that development projects within the landfill boundary are likely to require, at a minimum, monitoring of LFG beneath and within structures built on the landfill. Even if waste material is removed beneath structures built on the landfill, these structures are at risk for accumulation of LFG beneath impervious slabs and paving materials. The only exception would be when a qualified PE provides a construction plan which requires no LFG monitoring, and the plan is acceptable to AEHD.

For construction within the buffer zone where buildings are not placed on waste material, LFG monitoring may be less stringent, but mitigation measures (trench venting, conduit seals, passive ventilation systems, etc.) could still be required. The primary potential avenues of LFG exposure are either their proximity to landfill waste material or the potential for transport along utility

corridors or similar conveyances. AEHD has the primary responsibility to ensure that reports and plans submitted by the qualified PE meet all of the requirements of the *Interim Guidelines* prior to development approval.

2.2. Development on the Landfill

As discussed previously, development within the boundaries of the former San Antonio Landfill has a significant potential to encounter LFG. Even on properties where a significant portion of the buried waste has been removed, there is still the potential for LFG to migrate from other areas of the former landfill. Therefore, there needs to be careful consideration of historical and current data concerning the distribution of waste, the location of potential subsurface migration pathways, the locations of methane detections, and changes to the surface of the landfill when decisions are made concerning development, and required mitigation. The assessment of LFG at any particular property undergoing proposed development is the responsibility of the property owner/developer and the qualified PE that is contracted to provide a professional opinion.

2.2.1. Current Development

Current development on the former San Antonio Landfill consists of commercial development (hotels and office buildings) as well as roadways and infrastructure corridors. Current former landfill development has been concentrated at the west end of the former San Antonio Landfill (Figure 2A). The lots developed to date include a Cracker Barrel Restaurant, at the western edge of the landfill, and then on adjacent lots from west to east, a Hilton Garden Inn® Hotel, a Homestead Suites by Hilton® Hotel, and the New Mexico Environment Department (NMED) Office Building. Three new office, commercial, and retail buildings are currently under construction on Lots 2 and 5 of JJ Subdivision located immediately west of the NMED office building. Any future development is also assumed to be commercial in nature.

According to AEHD, there has been complete waste removal beneath each of the four buildings constructed on the landfill to date. Waste removal has also been completed within the building footprints of three buildings currently under construction to the east of the NMED building. Buried waste remains around the building perimeters, beneath asphalt parking lots, and landscaped areas.

2.2.2. Future Development and Development Restrictions and Requirements

At a minimum, current and future development on the former landfill must comply with the *Interim Guidelines* (COA, 2004) or subsequent landfill development ordinances that exist at the time of development. Other future development considerations are:

- Potential restriction of any additional building on buried landfill material (piers or landfill removal);
- Providing adequate drainage of surface water runoff away from landfill areas;
- Prohibition of storm water retention and detention basins over and/or adjacent to landfill materials;

- Use of landscape practices that require little or no irrigation or providing means of prohibiting irrigation water from infiltrating and reaching buried landfill materials;
- Removal of landfill material beneath subsurface utilities or adequate design to account for settlement;
- Include adequate design to control the migration of LFG away from the landfill and/or off the subject property; and
- Develop LFG mitigation measures that are protective of structures, utilities, and occupants.

2.3. Development within the Buffer Zone

The buffer zone at the former San Antonio Landfill extends 1,000 ft from the edges of the landfill. The 1,000 ft buffer zone width was based upon known facts concerning the landfill, typical patterns of LFG migration, and potential future scenarios of development on the landfill itself. The buffer zone is designed to be protective of human health with regard to development and occupancy within 1,000 ft of a former landfill.

2.3.1. Current Development in the Buffer Zone

Currently there is a significant level of development within the buffer zone at the former San Antonio Landfill. Buffer zone development includes residential development (single family homes and multi-family dwellings) special use development (mobile home parks) and commercial development (medical building, restaurants, churches, and a United States Postal Service facility). West of I-25 along San Antonio Drive NE, at the western end of the buffer zone, the developed properties are commercial and light manufacturing in nature, including office buildings and a car dealership. Vacant lots are located at the property to the east of San Pedro Drive and south of San Antonio Boulevard and the property to the south of the Cracker Barrel restaurant across the Pino Arroyo.

2.3.2. Future Changes to the Buffer Zone

The establishment of a buffer zone is designed to reduce potential future impacts associated with LFG migration. Due to the fact that development within the buffer zone is relatively dense compared to the landfill itself, the potential exists for a large number of people to be impacted if LFG migrates from the landfill. LFG data collected within the landfill shows that there are areas within the former San Antonio Landfill where significant concentrations of LFG exist (DBS&A, 2002). LFG data from the perimeter monitoring wells do not show evidence of LFG migration at significant concentrations from the landfill at the present time. The majority of the former landfill is undeveloped and consists of cover material that is dry and relatively permeable. As the former landfill is developed, this situation will change as the surface of the landfill is gradually covered by large commercial buildings, parking lots, and cement paving. Areas of the former landfill surface that are covered with impermeable materials will be more likely to trap LFG. LFG production is dependent upon the volume of waste and is variable over time, dependent upon such things as moisture present in the landfill and atmospheric conditions. Because of these

variables, LFG production is difficult to predict. As additional infrastructure is constructed, the number of potential conduits for LFG migration will increase. For these reasons, it is important to closely control construction within the buffer zone because as the nature of LFG production at the former landfill will change over time with development.

2.4. Managing Future Land Use

Currently, development plans for construction on or within a landfill buffer zone are referred by the COA Planning Department to AEHD for review. The review may be conducted by AEHD or a designated contractor. The initial review is to determine the location of the development relative to the landfill and buffer zone. If the development is within the landfill buffer zone, the developer is notified by AEHD of the need to comply with the *Interim Guidelines* including submittal of a LFG assessment. The AEHD then reviews the developer's LFG assessment and may approve the assessment or may request additional effort/design. Once the assessment is complete, the AEHD will review the plans for mitigation of LFG (if applicable) and approve once the requirements are met.

AEHD will continue to communicate with the COA Planning Department to track the current development plans for the area on the former San Antonio Landfill or within the landfill buffer zone. The former San Antonio landfill and much of the land within the buffer zone is zoned SU-1. The COA SU-1 zoning designation indicates that the property is special use and requires approval of a site development plan prior to development. The current development on the former San Antonio Landfill is commercial in nature and future development is likely to be commercial development as well. The former San Antonio Landfill buffer zone may be developed for either commercial, special, or residential uses. Plans for these types of developments should account for the special requirements of building on the landfill or within the designated landfill buffer zone.

2.5. Documentation of Actual Site Conditions

A New Mexico-licensed PE must inspect each facility during construction to ensure that LFG mitigation measures have been implemented as planned. A Qualified PE must certify waste excavation and removal from the property. As part of the certification process, the AEHD will require written and photographic documentation of the location and approximate volume of waste remaining on each property (if any) after construction is complete. As the land above the landfill is developed, it is important that this information is transmitted to the AEHD so that the City can update its records regarding the areal extent of the trash and dimensional/physical characteristics of the trash remaining under developed properties. Currently, development and construction planning is based on limited data concerning how much waste is present beneath each property. The actual volume of waste on each property can only be assessed once the site is being excavated. For properties that have already been developed, this information, may not be available. For future development, it will be required that developers of the former San Antonio Landfill provide to AEHD all waste quantities, waste qualifications (plastic, green, etc.) waste removal manifests, and a figure (site plan and cross-section, stamped by Qualified PE) showing the past and current locations of waste.

2.6. Data Review by AEHD

Data obtained from the former San Antonio Landfill may include data from LFG monitoring wells, data collected from passive and active LFG recovery systems; data from monitoring subsurface vaults and other collection points; and data from building alarms and the monitoring of interior air quality. AEHD will obtain and review data from private property owners, tenants, developers, or approved agent(s) that are required to collect data. The following will be included:

- A registered New Mexico PE will submit a report or equivalent correspondence to the AEHD to document that the LFG monitoring and mitigation systems in place are constructed and operating in accordance with engineering design plan specifications that were approved by the AEHD during the planning process;
- AEHD will require that LFG monitoring system operators provide monitoring results to the AEHD schedule developed by the qualified PE and approved by AEHD.
- AEHD will require building owners to report records of alarms within 24 hours and monitoring of building interiors on a specified schedule;
- AEHD will require that operator inspection reports include maintenance or repair actions be submitted; and
- The AEHD may conduct periodic inspections of any LFG mitigation measures developed within the landfill buffer zone.

AEHD will review the information provided and may recommend additional LFG mitigation measures, if necessary. These measures may include the installation of passive venting systems, additional sensors in buildings, LFG concentration alarm systems, installation of additional LFG monitoring wells, and other miscellaneous LFG monitoring measures.

2.7. Data Management

All data collected at the former San Antonio Landfill must be managed in an integrated manner. Data should be maintained by AEHD as the agency for safety measures at the landfill. Data records should be maintained by property owners and the AEHD; and should include records of interior methane gas alarms, records of LFG data collection within buildings, maintenance or calibration records for established LFG mitigation measures, data collected from LFG monitoring wells on landfill properties, data from passive LFG mitigation systems, and data from sumps and other collection points, as required. Data should also be maintained from perimeter monitoring wells by AEHD, on a similar basis. All data submitted to AEHD must include GPS coordinate data for the collection point, so that data can be compared with nearby data to identify trends or issues of concern. Data should be maintained in a relational database so that any data of interest can be easily assessed and mapped as needed.

AEHD will review data when it is received to identify any unanticipated detections of LFG which may require immediate action.

3. UTILITY PLAN

This section includes information previously submitted to the AEHD by INTERA in 2005. This information has been updated with utility infrastructure development information provided to INTERA by AEHD. INTERA has worked in conjunction with the AEHD reviewing construction design plans for projects that have occurred within the former San Antonio Landfill buffer zone since 2003.

3.1. Purpose and Use

The objective of the Utility Plan is to identify the locations of current and/or former subsurface trenches that might act as migration pathways for LFG. In addition, the Utility Plan provides a framework for understanding the potential impact of LFG mitigation on new utility corridors. The known subsurface utilities located at the former San Antonio Landfill and within the general vicinity are shown on Figure 4.

There are two primary reasons for determining the locations of subsurface utilities.

- First, subsurface utility corridors may act as conduits for LFG migration away from the landfill. These factors may allow LFG to migrate away from the landfill substantial distances, potentially endangering offsite properties. Factors that may contribute to the movement of LFG along utility trenches are:
    - use of non-native fill material that is more porous than native soils;
    - uneven backfilling around the utility resulting in bridging or incomplete compaction; and,
    - backfill material surrounding a subsurface utility may be less compact than native soil surrounding the trench.
- Second, some subsurface utilities such as storm and/or sanitary sewers and water-supply pipelines may leak and hydrate the buried trash in the landfill. The addition of moisture to the underlying waste may accelerate the production of LFG, and thus should be minimized or eliminated.

The following sections of this LMP describe the methods used to identify the locations of subsurface utility lines and the types of subsurface lines that are known to be present under or near the former San Antonio Landfill. The following sections present information on each of the types of subsurface utilities at the former San Antonio Landfill.

3.2. Existing Subsurface Utility Trenches

The following types of subsurface utility trenches have been identified beneath or near the former San Antonio Landfill:

- Storm sewer
- Sanitary sewer

- Potable water
- Natural gas
- Street and signal lighting
- Fiber optic/communications

These utilities may have the potential to be LFG migration pathways.

3.2.1. Subsurface Utility Research Methodology and Findings

INTERA retrieved ArcView shapefiles of subsurface sanitary sewer, storm sewer, natural gas, and water utility lines from the Bernalillo County Geographic Information Systems (GIS) file transfer protocol (ftp) site (ftp://wilbur.bernco.gov/data/). These data were used to assemble a GIS file of subsurface utility locations and create the Subsurface Utility Location Map included as Figure 4. INTERA called New Mexico One-Call, the subsurface utility locating service serving the State of New Mexico and the subsurface utility locations were marked with paint and/or flagging at the Site. These locations were noted in the field logbook during the drilling of the LFG monitoring wells in 2003.

INTERA verified these locations with the GIS map created with the use of the ArcView shapefiles. INTERA determined that two natural gas lines, two storm sewer lines, two water lines, and two sanitary sewer lines are located within the boundaries of the landfill. These determinations were made based on New Mexico One-Call markings, the GIS map, and/or file review information. In addition, INTERA reviewed the COA street and signal lighting plans for the San Pedro Drive and San Antonio Drive intersection and identified the location of buried electrical conduit in the area.

AEHD also provided subsurface utility GIS files and INTERA reviewed AEHD development files to update utility location information.

3.2.2. Storm Sewer

The COA Maps and Records Division provided as-built drawings for buried storm sewer lines to INTERA in 2005 for the area of the former San Antonio Landfill. Review of the COA as-built maps indicate that there are two storm sewer lines that cross the former San Antonio Landfill from north to south and that are completed above or within waste material, over at least a portion of their extent.

The first 30-inch storm sewer originates from the east bound lanes of San Antonio Boulevard to the south towards the bike path located along the north side of the Pino Arroyo (Figure 4). This storm sewer is located 250 ft east of the Cracker Barrel Restaurant, between the Homewood Suites by Hilton® and the Hilton Garden Inn® properties. The storm sewer turns west at the Pino Arroyo and eventually empties into the Arroyo. Municipal waste was removed and transported off-site for disposal during hotel construction in this area. According to the COA as-built drawings, the southern third of the storm sewer line was constructed within buried municipal waste.

The second storm sewer line is known to cross the former San Antonio Landfill from north to south beneath San Pedro Drive. Buried landfill waste is known to exist beneath San Pedro Drive (Figure 4).

3.2.3. Sanitary Sewer

INTERA reviewed as-built drawings provided by the COA Maps and Records Division for buried sanitary sewer lines in the vicinity of the landfill. An 8-inch diameter sanitary sewer line was identified that extends 280 ft from San Pedro Drive east to immediately north of the Pino Arroyo (Figure 4). There were no notes on the as-built to indicate if this sanitary sewer line is buried in municipal waste. It is noted on the COA as-built plans that this is an area that was dynamically compacted after the placement of engineered fill. Most likely the sanitary sewer line exists in an area that does not contain buried municipal waste, based upon the subsurface boring logs from the perimeter LFG monitoring wells installed by INTERA in this area (INTERA, 2005).

An 8-inch diameter low-pressure sanitary sewer line made of high-density polyethylene (HDPE) was installed within the former San Antonio Landfill within Lots 3, 4, 5, 6 and 7 of the J&J Subdivision. This line is oriented in an east-west direction along the south side of San Antonio. These lots are located immediately west of San Pedro Boulevard and south of San Antonio Boulevard. The location of this sanitary sewer line is shown in Figure 4. This sanitary sewer line was installed within buried waste and plugs/vents were installed within the utility corridor in an effort to prevent LFG migration.

3.2.4. Potable Water

There are five potable water lines in the area that may serve as conduits for LFG. Three of the potable water lines are oriented north-south and two are oriented east-west. Of the three north-south oriented potable water lines, one is beneath Pan American Freeway at the west end of the landfill, one is beneath San Pedro Drive near the center of the landfill, and one is beneath Louisiana Boulevard at the east end of the landfill. The potable water line beneath San Pedro Drive is the only one of these three that is located in an area underlain by buried waste (Figure 4) (INTERA, 2005). The COA procedure for the placement of the water lines in or across buried waste was to remove the trash to the specified depth, embed the excavation with sand, and place the utility piping in the sand (with a geotextile around the piping). The remainder of the excavation was backfilled with sand. The trash remaining in place at the base of the utility excavation was not typically dynamically compacted prior to the placement of the utilities except where the subsurface utility was located beneath a roadway (INTERA, 2005). COA as-built drawings indicate that the area was dynamically compacted prior to the placement of the potable water line.

A fourth potable water line, 8-inch diameter, is oriented east-west and is located beneath the west bound lane of San Antonio Drive, approximately 100 ft north of the landfill buried waste. A fifth potable water line, 6-inch diameter, is located immediately north of the sanitary sewer line within Lots 3, 4, 5, 6 and 7 of the J&J Subdivision and is shown on Figure 4.

The new 30-inch diameter San Juan Chama water line is located to the south, west, and north of the former San Antonio Landfill. This water line does not cross the landfill, but is located within its buffer zone (Figure 4).

3.2.5. Natural Gas

A main natural gas line owned by PNM runs along the west-bound lane of San Antonio Drive, north of the buried waste. Natural gas service lines are present extending south from the main line into the western area of the landfill (Figure 4).

Another natural gas line was marked by the New Mexico One-Call locator to transect the former landfill from north to south approximately 100 ft west of San Pedro Drive. According to PNM, this gas line is located within the San Pedro Drive utility corridor under the road. Buried landfill waste remains in place below San Pedro Drive (INTERA, 2005).

3.2.6. Street and Signal Lighting Subsurface Utilities

Electrical conduit is present in the area, based upon INTERA review of the street and signal lighting plans for the San Pedro Drive and San Antonio Drive intersection. Two-inch and three-inch diameter electrical conduits for the street and signal lighting are located along both sides of San Pedro Drive, as well as along the south side of the west bound lane of San Antonio Drive. The signal/lighting conduit is generally buried 1 to 2 ft bgs, and does not extend into the buried waste (INTERA, 2005).

3.2.7. Communications/Fiber Optic Subsurface Utilities

Communication and fiber optic subsurface utility lines are located to the southwest of the NMED building (Figure 4). Communication and fiber optic lines are also located at the two hotel properties. Communication and fiber optic lines are not shown on Figure 4 because it was not practical to do so. The communication and fiber optic lines must be part of any required notification locate that is performed prior to excavation on any property or within a right-of-way.

3.3. Future Utility Corridors

Plans for construction of new utility corridors within the former landfill or within the former landfill buffer zone should account for the potential for LFG migration. These plans must include risk abatement measures which are adequate to address any potential existing and/or future risk from LFG migration.

Any portion of a new utility corridor construction plan dealing with LFG abatement measures shall be certified by a qualified PE as defined by the *Interim Guidelines*. This certification will be noted on plat/site development plans or building permits and reviewed and signed by designated AEHD staff or its designated consultant. The COA will not issue work orders for construction of public infrastructure within the landfill buffer zone until the required certifications and signatures are on the construction plans and AEHD signature approval has been obtained. The COA Planning Department will not issue a certificate of occupancy (CO)

until the AEHD has verified that the risk abatement measures have been properly constructed (COA, 2004).

New underground utilities should be constructed to prevent the migration of LFG into proposed structures. For example, new underground utilities should be designed to avoid contact with the landfill whenever possible, unless there is no reasonable alternative route. Any "wet" utilities should be prohibited over or adjacent to buried waste or designed to prevent fluids from entering this landfill. Utilities that are to be transferred to COA infrastructure as part of property development are prohibited from being placed over trash (as specified by the Planning Department). Exceptions to this ordinance have been obtained under rare conditions and only with very stringent design controls. Details of any proposed LFG barrier(s), such as utility corridor plugs or other proposed LFG mitigation measures to be installed within the landfill buffer zone, must be provided to AEHD for review. Design details may vary depending on whether utility lines are placed beneath hard surfaces such as asphalt (which may be resistant to LFG and water leakage) or soft surfaces such as turf (which may be more susceptible to LFG and water leakage).

4. LFG MONITORING PLAN

This section focuses on LFG monitoring at the former San Antonio Landfill. The LFG Monitoring Plan has been developed based on previously collected LFG data at the landfill. This section describes the criteria that trigger the requirement for LFG monitoring and installation options for any additional LFG monitoring wells.

4.1. Requirement for LFG Monitoring and Reporting

LFG monitoring will be required for any property on the landfill where a building or parking lot is constructed, unless a qualified PE makes a determination that monitoring wells are not necessary and AEHD approves that proposal. For example, if a building is constructed on a lot where all of the waste is removed from the lot prior to construction and there is passive mitigation in place beneath portions of the parking lot that abut areas where waste is in place, the potential for LFG accumulation may be deemed insignificant and monitoring may not be required. It is important that each development project be handled individually in terms of requirements for LFG monitoring. In the landfill buffer zone, monitoring will not generally be required unless a determination is made by a qualified PE that monitoring is a necessary part of LFG mitigation.

For all properties where LFG monitoring wells are required, a baseline condition for the property will be established by two years of quarterly LFG monitoring. Quarterly monitoring data must be sent to AEHD. If baseline conditions are determined to be reasonably low, LFG monitoring will continue for another eight years, and monitoring may be semi-annual. At the end of those eight years AEHD will reevaluate the monitoring data to determine if continued monitoring is necessary. However, if baseline conditions show high levels of LFG, quarterly monitoring may be required in perpetuity. While LFG monitoring wells belong to individual property owners, they are a part of a larger, landfill-wide LFG monitoring network. Thus even if AEHD makes a determination at some point that LFG monitoring is no longer required in a particular well, AEHD may still require that the LFG monitoring well be maintained and not destroyed. AEHD should have access to all LFG monitoring wells in the event that AEHD decides to perform a landfill-wide monitoring event, or if it is determined that methane levels have reached significant or dangerous concentrations on an adjoining property and additional data are required to protect public safety. Access agreements and Right to Enter documents between this property owner and the COA should be negotiated during the planning process.

All data collected from private LFG monitoring wells must be reported to AEHD within 30 days of data collection, or a written request for extension and reason for the needed extension must be submitted to AEHD. The requirements for data collection and reporting must be specified in each property development plan. These requirements must be made part of any OMMPs submitted by the developer during the development process.

4.2. Criteria for Decreasing or Increasing Future LFG Monitoring Frequency

Future LFG monitoring requirements will be based on the criteria presented in Table 4. These criteria address potential safety concerns related to the production and emission of LFG, while

recognizing the increased development of areas on and adjacent to the former San Antonio Landfill. These criteria are based on the AEHD's observations of LFG levels since 2002 initial soil gas readings and LFG monitoring well data. A table of criteria and corresponding proposed AEHD outcome actions is presented as Table 4 of this LMP.

4.3. Installation of New Perimeter Monitoring Wells by AEHD

Development on the landfill, such as buildings and paving, could increase the area of impervious cover, thereby causing LFG to migrate further offsite. In this event, AEHD may need to install new LFG monitoring wells. Several conditions under which new monitoring wells may be required are presented below:

- LFG concentrations become elevated (greater than 1 percent of the methane LEL) for two or more consecutive monitoring events in existing AEHD perimeter LFG monitoring wells;
- LFG concentrations become elevated (greater than 100 percent of the methane LEL) in one or more LFG monitoring wells located within the landfill, and it is determined that the perimeter monitoring wells are not properly positioned to assess migration from the landfill; and
- New development on the landfill that could potentially change the volume or migration of LFG, such as impervious paving or the construction of buildings at the former landfill.

The LFG monitoring wells will be installed as follows:

Each LFG monitoring well will be 30 ft deep and be completed with three air sampling probes constructed of 1.0-inch diameter schedule 80 polyvinyl chloride (PVC), with a 2.5-foot screen interval (the bottom 6 inches of the probe is blank casing). The screen interval will be machine-slotted with 0.20-mm openings. Each probe will be fitted with a laboratory-grade valve/sample port.

Deep probe, labeled "D" will be installed as follows:

- Screened interval between approximately 27 and 29.5 ft bgs;
- Bottom of the probe will be at 30 ft bgs;
- Void space from 25 to 30 ft bgs (or from bottom of borehole to 2 ft above top of deep screen) will be filled with 3/8-inch pea gravel;
- Void space from 20 to 25 ft bgs (or total of 5 ft above pea gravel) will have a bentonite seal installed and hydrated.

Intermediate probe, labeled "M" will be installed as follows:

- Screened interval between approximately 17 and 19.5 ft bgs;
- Bottom of the probe will be at 20 ft bgs;

- Void space from 15 to 20 ft bgs (or from top of bentonite seal for deep probe to 2 ft above top of intermediate screen) will be filled with 3/8-inch pea gravel;
- Void space from 20 to 25 ft bgs (or total of 5 ft above pea gravel) will have a bentonite seal installed and hydrated.

Shallow probe, labeled "S" will be installed as follows:

- Screened interval between approximately 7 and 9.5 ft bgs;
- Bottom of the probe will be at 10 ft bgs;
- Void space from 5 to 10 ft bgs (or from top of bentonite seal for intermediate probe to 2 ft above top of shallow screen) will be filled with 3/8-inch pea gravel;
- Void space from 2 to 5 ft bgs (or as much as necessary to fill borehole to within 2 ft of surface) will have a bentonite seal installed and hydrated.

A 2-foot by 2-foot concrete pad with a flush-mounted traffic-rated steel vault should be completed for each LFG monitoring well installation. In some instances a vault to accommodate well stick-up may be needed (i.e. landscaped areas).

The depth of the screened intervals may vary due to the presence of clay layers, waste material or other considerations. Well construction diagrams must be completed for each well and any variations in the well construction from the proposed specifications should be noted on the diagram.

The bentonite seal will consist of Wyoming "Hole Plug" bentonite 1/2-inch pellets. The bentonite should be installed and hydrated with 10 gallons of water for every 5 ft of bentonite. In an effort to ensure that enough bentonite material is placed into the soil boring void space and no caving of the borehole occurs, the quantity of bentonite (by weight) required to fill the void space should always be calculated and weighed prior to emplacement. The weight of bentonite placed in the hole should be compared with depth measurements every two ft as the borehole is backfilled.

4.4. LFG Monitoring Wells Installed by Private Entities

A qualified PE may recommend the installation of LFG monitoring wells as part of the design and construction of any new development on the former landfill or within the landfill buffer zone. AEHD must approve plans for LFG monitoring well construction before the wells are installed. Soil boring logs and construction diagrams for each LFG monitoring well must be provided to AEHD. The design of LFG monitoring wells should be similar to that described in Section 4.3. The private property owner must monitor the LFG well(s) at a frequency approved by AEHD. The required LFG monitoring frequency will vary with each property and may change over time, depending upon monitoring results. All LFG monitoring data must be collected on a schedule agreed to by each property owner and AEHD and the LFG monitoring data must be submitted to AEHD within 30 days of collection.

4.5. General Sampling Methodology

LFG sampling in the perimeter monitoring wells will be performed with a CES Landtec GEM-500, or similar instrument. Calibration must be performed according to the instrument manufacturer's recommendations and the calibration process documented by the operator prior to operation. The GEM-500 series gas monitor is capable of measuring percent LEL, percent methane, percent carbon dioxide, percent oxygen, and percent nitrogen as a balance gas. The instrument must be calibrated with span gas each day of sampling. The instrument at a minimum should be calibrated twice a day if the instrument is used continuously for over a four-hour period. Calibration should be rechecked if problems are observed with instrument readings.

The GEM-500 should be connected by rubber hose to each LFG monitoring probe. LFG readings should be observed for stability, which generally takes up to 5 minutes. Record should be made of the sampling technician, type of sampling port, sampling time, instrument readings, weather conditions at the time of sampling, etc.

5. LONG-TERM LFG MONITORING PLAN

The former COA owned and operated former San Antonio Landfill is largely undeveloped. Currently, the western portion of the landfill is under development, primarily due to its proximity to the northern Albuquerque I-25 corridor. This development trend is anticipated to continue. As the area surrounding the former landfill is developed, both within the former landfill buffer zone and outside the buffer zone, the area along San Antonio Boulevard that includes the former landfill will be a likely location for commercial development.

The current surface of the landfill is primarily dry soil cover. As the surface of the landfill is developed with buildings and parking lots, the distribution and/or migration of subsurface LFG may change. These changes would be difficult to assess without ongoing, long-term LFG monitoring. As long as the surface of the former San Antonio Landfill is in this dynamic state, there should be periodic review of the Long-Term LFG Monitoring Plan to ensure that it is adequate to identify problems and protect human health and safety.

5.1. Long-Term LFG Monitoring Decision

Decisions concerning long-term LFG monitoring shall be made based upon the ongoing review of LFG data collected at the former San Antonio Landfill. LFG data collected on a regular schedule and intermittently are both important for understanding changes that might occur in the distribution of subsurface LFG. These data will include monitoring for LFG:

- In LFG monitoring wells;
- In sumps, utility vaults, and other low spots;
- As part of a recovery or other mitigation system; and
- Within the interior of buildings.

If LFG is detected at any of these types of monitoring locations at concentrations near the guidelines, then decisions must be made about what additional data may be needed to assess the location, potential migration, and potential impacts of the LFG.

5.2. Monitoring Perimeter LFG Monitoring Wells

Based on data from quarterly LFG monitoring at the former San Antonio Landfill, the amount of LFG present at the former landfill perimeter (specifically methane) is minimal (Table 2). Nonetheless, the perimeter wells should be monitored on a quarterly basis at the former San Antonio Landfill to assess how surface development may be impacting the accumulation and migration of LFG.

5.3. Monitoring Interior LFG Monitoring Wells

LFG monitoring wells located on private property within the former landfill will be monitored on a schedule that is approved by AEHD. It is important that these recommendations be made by a qualified PE and that AEHD concurs with the recommended monitoring locations and

monitoring frequency. These decisions will be made based upon, but not limited to, a number of factors including the volume of waste remaining on each property, the types of construction and impermeable surface cover, and the presence of other mitigation measures.

5.4. Surface LFG Emissions Monitoring

Surface LFG emissions are not currently being monitored at the former San Antonio Landfill. As the surface of the landfill changes as a result of continued development, surface emissions monitoring may be considered because the current relatively unconsolidated soil cover material will be converted to harder surfaces (building concrete slabs, asphalt parking areas, etc.). The more impervious surfaces will results in a change of LFG migration patterns both horizontally and vertically within the landfill and through the landfill surface. The monitoring of surface emissions should be linked to the results of other types of LFG monitoring. If LFG is detected at levels that approach Tier Levels (see Section 6.7) in LFG monitoring wells or subsurface structures and there is a pathway to the surface, then surface monitoring at designated points on the surface of the landfill should be incorporated into the quarterly monitoring activities.

Surface emissions monitoring can be conducted by either using direct reading field instruments or by collecting samples for laboratory analysis. Direct reading field instruments can be combustible gas meters (suitable for somewhat confined areas with revised air transfer) or flame ionizing detectors (i.e., Landtec's SEM-500). Flame ionizing detectors have a lower detection limit and are more suitable for measuring emissions from the ground surface.

Collection of discreet samples for laboratory analyses has the benefit of providing data from a point in time or a representative sample over a period of time. Samples are typically collected using Summa canisters or an equivalent sample container. Summa canisters can be deployed in low-lying areas and deployed to collect ambient air samples if deemed necessary. The Summa canister samples can be analyzed for the presence of LFG.

5.5. Monitoring Indoor Air Quality

Many structures on the former San Antonio Landfill will require the installation and maintenance of indoor gas detectors and alarms. These detectors and alarms must be maintained in perpetuity. An OMMP for the site must guide the building owner and occupants in the proper use and maintenance of methane monitoring systems. The OMMP must be detailed enough to specify:

- How to understand the operation and purpose of the methane sensors;
- Maintenance and calibration requirements (must be in accordance with manufacturer's recommendations);
- Frequency and methods for confirmation monitoring of indoor air quality;
- Frequency of reporting of maintenance, calibration, and monitoring data to AEHD;
- Procedures to follow in the event the sensors detect methane and an alarm condition occurs; and

- Hierarchy of emergency/alarm notification with contact information (immediate reporting to AEHD in the event of an alarm condition shall be mandatory).

Methane monitors should be mounted in accordance with manufacturer's recommendations in a location where accidental damage is unlikely, but where access for servicing and calibration is convenient. Preferences in sensor location should include consideration of confined areas and/or where utilities, drains, etc. penetrate the slab.

Monitoring of indoor air quality must be initiated if the presence of LFG is suspected in any structure with or without indoor gas detection systems.

6. LFG CONTROL PLAN

The LFG Control Plan describes how LFG will be controlled if a constituent (or constituents) of LFG identified during the monitoring of the landfill exceed levels which jeopardize the public's health and safety. This plan recommends LFG values which would cause the AEHD to institute the LFG Control Plan.

6.1. LFG Constituent Control

LFG can be controlled by passive venting or actively extracting the LFG by mechanical means. The types of LFG control at each property on the former landfill must be site specific and based upon the recommendations of a qualified PE. There currently is not a LFG extraction system at the landfill. Current methods of LFG control at the landfill include passive venting of concrete building slabs and passive vents along utility lines. Even after the recent development of the west end of the former San Antonio Landfill, LFG monitoring wells located at the perimeter of the former landfill have not shown increased concentrations of methane. The passive venting system(s) installed at the landfill are effective at this time. As more of the surface of the landfill is developed with impermeable barriers (concrete slabs, asphalt parking areas, etc.) this may change thus continued monitoring of the interior and perimeter LFG monitoring wells is recommended.

6.2. Surface Water Drainage Control

Although surface water generally flows off the former landfill surface, there are localized areas on the landfill where water tends to pond. Water ponding on the former landfill surface should be immediately conveyed off site (avoiding areas underlain by landfill materials) or must be contained in a waterproof liner system, which prohibits the introduction of water into the landfill materials. The presence of water can increase the generation of LFG within the buried waste. Every effort should be made to prevent surface water from infiltrating the surface of the former landfill.

6.3. Grading of the Landfill Surface

The surface of the former San Antonio Landfill should be graded to direct surface water runoff away from the surface of the landfill. Properties that have been developed have been required to address surface water drainage, but the undeveloped portion of the landfill should be improved to avoid ponding and erosion rill areas. This will reduce the potential for water infiltration to increase LFG production.

6.4. Protection of the Public

The current development controls established by the AEHD as specified in the *Interim Guidelines* provide reasonable measures to protect the public from the risks associated with LFG and other landfill related concerns (i.e. gas exposure, settlement, landfill fires, etc.). The AEHD will confirm that specified mitigation measures for each development are adequate to protect site occupants and adjacent property owners. The AEHD will be proactive in ensuring that the

mitigation measures are maintained and monitored by tracking and enforcing the approved monitoring and maintenance procedures that had been approved by qualified PEs during the development process. The AEHD may be required to oversee or perform monitoring and maintenance actions at the expense of the property owner.

Should conditions at the former landfill change significantly, rendering existing LFG mitigation measures inadequate to protect the public from LFG risks, the AEHD may elect to install passive and/or active LFG venting systems in any public right of way or may elect to have developers increase their mitigation measures, whatever is the best measure to remedy the situation. Additional monitoring may be required within the former landfill to design an appropriate LFG recovery system.

6.5. Mitigation Measures

LFG monitoring wells and sensors must be maintained properly. AEHD will require a specific monitoring frequency for LFG monitoring wells, if deemed necessary. If LFG monitoring is required, LFG data must be submitted to AEHD within 30 days after LFG monitoring is completed.

LFG has not been identified in elevated concentrations at the landfill perimeter. If LFG is observed at perimeter LFG monitoring wells at concentrations near 5 percent of the LEL (as calibrated to methane), then active LFG extraction systems should be installed to prevent LFG migration.

6.6. List of Constituents of Concern (COCs)

As described previously in Section 1.2, LFG generally consists of methane, carbon dioxide, nitrogen, oxygen, hydrogen sulfide, and VOCs. The concentration of these gases is dependent upon the amount of biological activity in the landfill related to the breakdown of degradable waste. LFG byproduct gases, such as carbon dioxide, hydrogen sulfide, and VOCs pose various threats to public health. Carbon dioxide is a simple asphyxiate, hydrogen sulfide is extremely toxic, and certain VOC constituents are known carcinogens.

6.7. Action Levels for COCs

In September 2004, AEHD began using the *Interim Guidelines* (COA, 2004). Development projects initiated prior to September 2004 did not include engineering controls or LFG monitoring plans. Since September 2004, the development of action levels for LFG has been the responsibility of the developer (property owner) and are site specific, as approved by the AEHD. To protect preexisting developments from risks associated with LFG, the following tiered action levels and responses will be enforced:

TIER 1

Should the following conditions be observed at the existing COA-owned perimeter LFG monitoring wells:

- methane – greater than 5 percent of the LEL; and/or
- carbon dioxide – greater than 25 percent.

then the following actions should be taken:

- increase LFG monitoring frequency to monthly and include monitoring for VOCs and hydrogen sulfide, and
- continue monthly LFG monitoring until LFG concentrations are reduced to below the above action levels.

TIER 2

Should the following conditions be observed at the existing COA-owned perimeter LFG monitoring wells:

- methane – greater than 20 percent of the LEL;
- hydrogen sulfide is greater than 5 ppm; and/or
- total VOCs exceed 1,000 ppm.

then the following actions should be taken:

- notify adjacent property owners;
- initiate routine (monthly) LFG monitoring in unmitigated structures;
- install additional LFG monitoring wells between existing structures and the perimeter LFG monitoring wells; and
- conditional: if VOCs exceed 1,000 ppm – collect vapor samples for compound specific analyses using laboratory methods.

TIER 3

Should the following conditions be observed:

- methane – greater than 100 percent of the LEL and/or greater than 10 percent of the LEL at unprotected structures; and/or
- permissible exposure limits (NIOSH time weighted average) for either hydrogen sulfide (10 ppm) or a specific a VOC are exceeded.

then the following actions should be taken:

- Install passive or forced LFG venting systems and/or site specific LFG mitigation controls.

6.8. Contingency Plan

If methane is detected in a building at concentrations exceeding 10 percent of the LEL, then COA Emergency Response Personnel (Fire Department) must be notified. The Albuquerque Fire Department will be responsible for any required evacuation actions. If an Operation Maintenance and Monitoring Plan (OMMP) is required for a particular property, then that document must clearly outline the notification procedures during an emergency. Each plan should clearly state that AEHD will be notified if sensors detect methane in a building no matter the concentration. If AEHD maintains a contact list, it will be considered for informational purposes only. It is the responsibility of each individual property owner to have a contingency plan in place, as part of its OMMP, in the event methane is detected.

7. REFERENCES

City of Albuquerque (COA). 1997. Map of Solid Waste Landfills in Bernalillo County. City of Albuquerque Environmental Health Department. June.

————. 2004. Guidance for Compliance with the City of Albuquerque Environmental Health Department *Interim Guidelines for Development within City Designated Buffer Zones,* 9/29/2004.

————. 2006. Guidance for Compliance with the City of Albuquerque Environmental Health Department *Interim Guidelines for Development within City Designated Landfill Buffer Zones.*

Daniel B. Stephens & Associates, Inc. 2002. Landfill Gas Investigation and Characterization Study San Antonio Landfill. Prepared for the City of Albuquerque.

INTERA. 2002. Final Report "Geophysical Investigation of the San Antonio Landfill," Albuquerque, New Mexico (Deliverable associated with Tasks 1 and 2, INTERA Project No. NME-VRP-15-01).

————. 2003. Landfill Gas Monitoring Well Installation Letter Report, Former City of Albuquerque Owned and/or Operated San Antonio Landfill, Albuquerque, New Mexico.

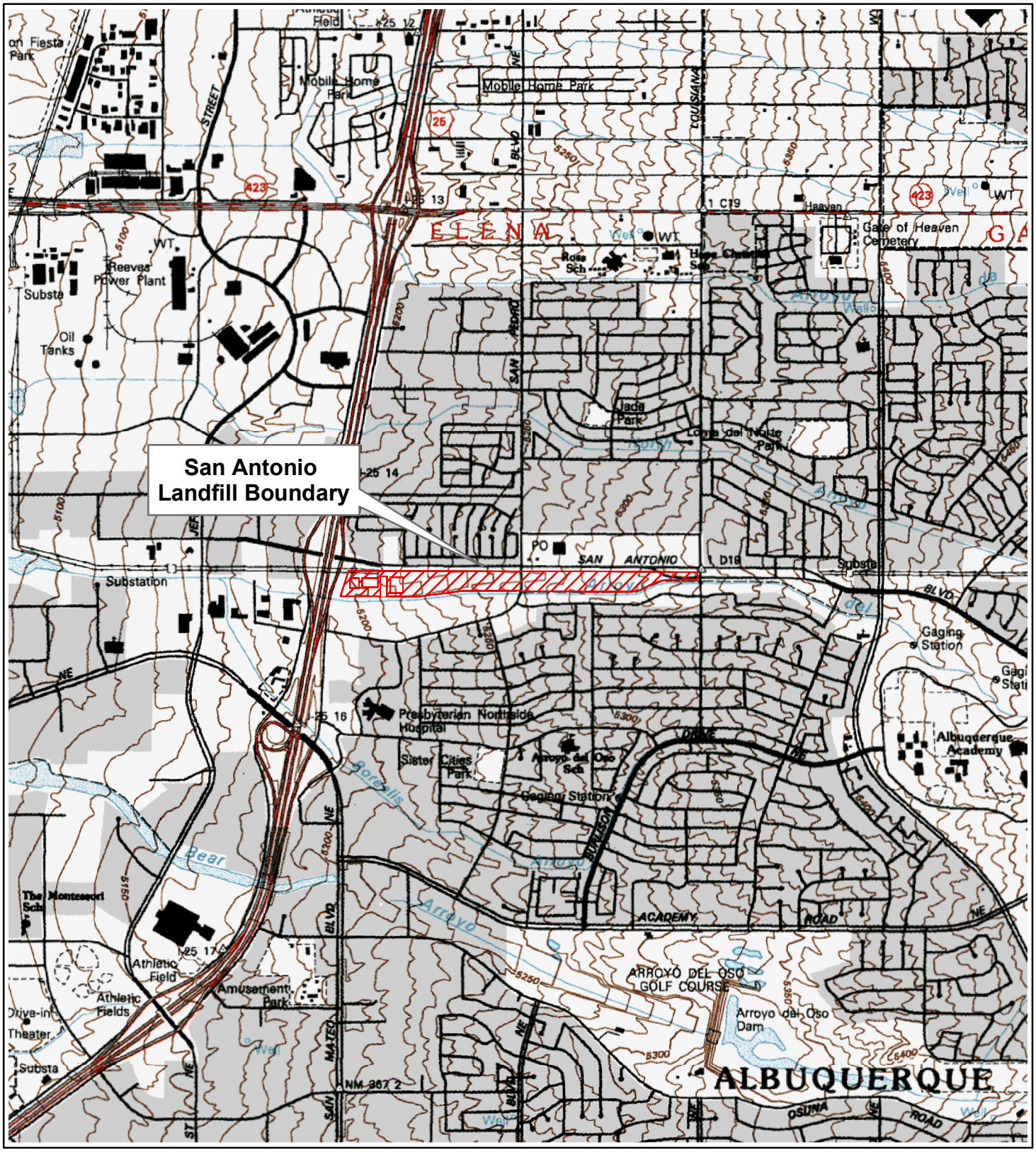
————. 2005. Research on Subsurface Utilities, Former City of Albuquerque Owned and/or Operated San Antonio Landfill, Albuquerque, New Mexico (Letter Report).

————. 2009. Landfill Gas Monitoring Quarterly Letter Report – Twenty-first Quarter, San Antonio Landfill, Albuquerque, New Mexico.

Lawrence Engineering, 2003. Master Landfill Gas Evaluation and Abatement System Plan for the Proposed Subdivision at 1-25 and San Antonio Boulevard Lots A-3-B-1 through 7, Albuquerque, NM.

Nelson, Terry, 1997. Past and Present Solid Waste Landfills in Bernalillo County, New Mexico. Water Resource Administration Professional Paper University of New Mexico.

FIGURES



Data Source(s): Topographic map - MapTech (USGS).

NORTH

Alameda 1:24,000 Quadrangle, dated 1996
Contour Interval, 10 Feet

INTERA

San Antonio Landfill

Figure 1. Site Location Map

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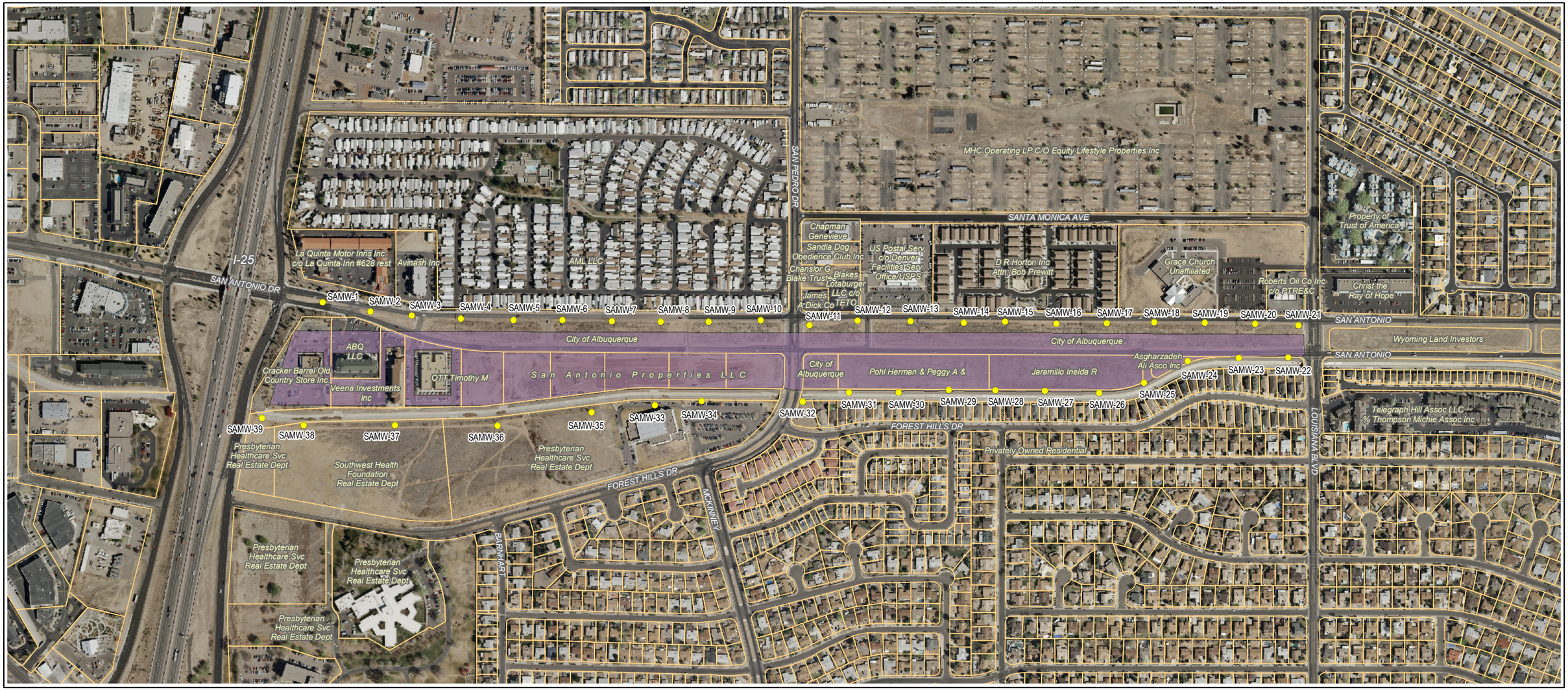


NORTH

0 250 500 1,000 Feet

Data Source(s): Aerial – Bernilillo County GIS, 2008;
Parcels – Albuquerque City website, 2008;
Ownership – Albuquerque City website, 01/09.

Legend

- Monitoring Wells
- Landfill Extent
- Land Parcel Delineation and Ownership

San Antonio Landfill

Figure 2. Site Detail Map

S:\Projects\COA Environmental Health\GIS\project\San Antonio Landfill\Landfill_Mangement\SA_LM_03-09_fig2.mxd

NORTH

0 50 100 200 Feet

Legend

- COA Monitoring Well
- Private Monitoring Well
- Buried Waste

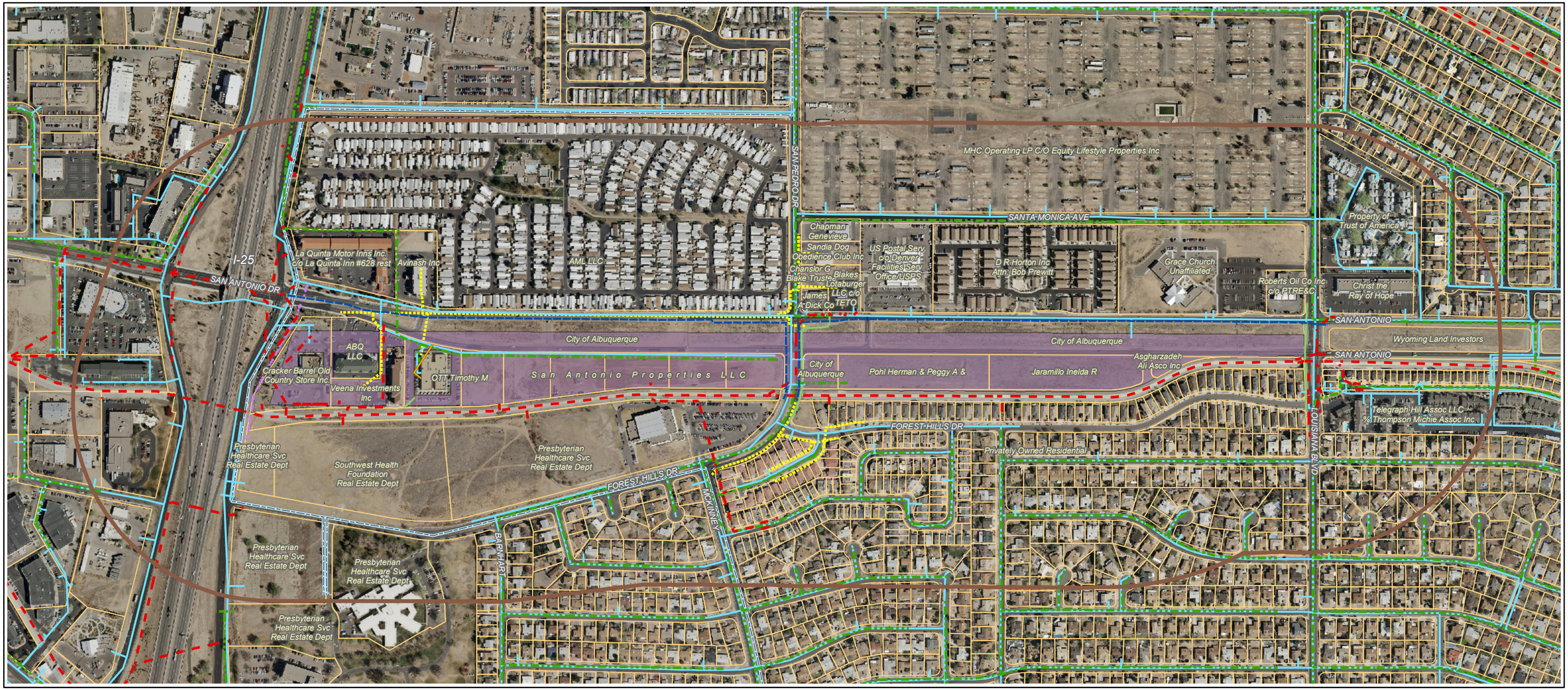
Data Source(s): Aerial – Bernilillo County GIS, 2008;
Parcels – Bernalillo County Assessors Office 6/04.

Notes:
1). Monitoring Wells (4) are located around the Hilton Garden Inn. Location information is not available at this time

San Antonio Landfill

Figure 2A. Site Detail Map – Western Development

S:\Projects\COA Environmental Health\GIS\project\San Antonio Landfill\Landfill_Mangement\SA_LM_03-09_fig2a.mxd



NORTH

Data Source(s): Aerial – Bernilillo County GIS, 2008;
Parcels – Albuquerque City website, 2008;
Ownership – Albuquerque City website, 01/09.

Notes:
1). Pipelines and above/below ground utility lines shown on these drawings are approximate schematic locations only, based on the information provided to INTERA by field observations, and individual utility line markings provided by "One Call," the City of Albuququerque (COA), and the COA GIS Plans. This information may be inaccurate or incomplete. Additionally, underground lines may exist that are not shown.

Legend

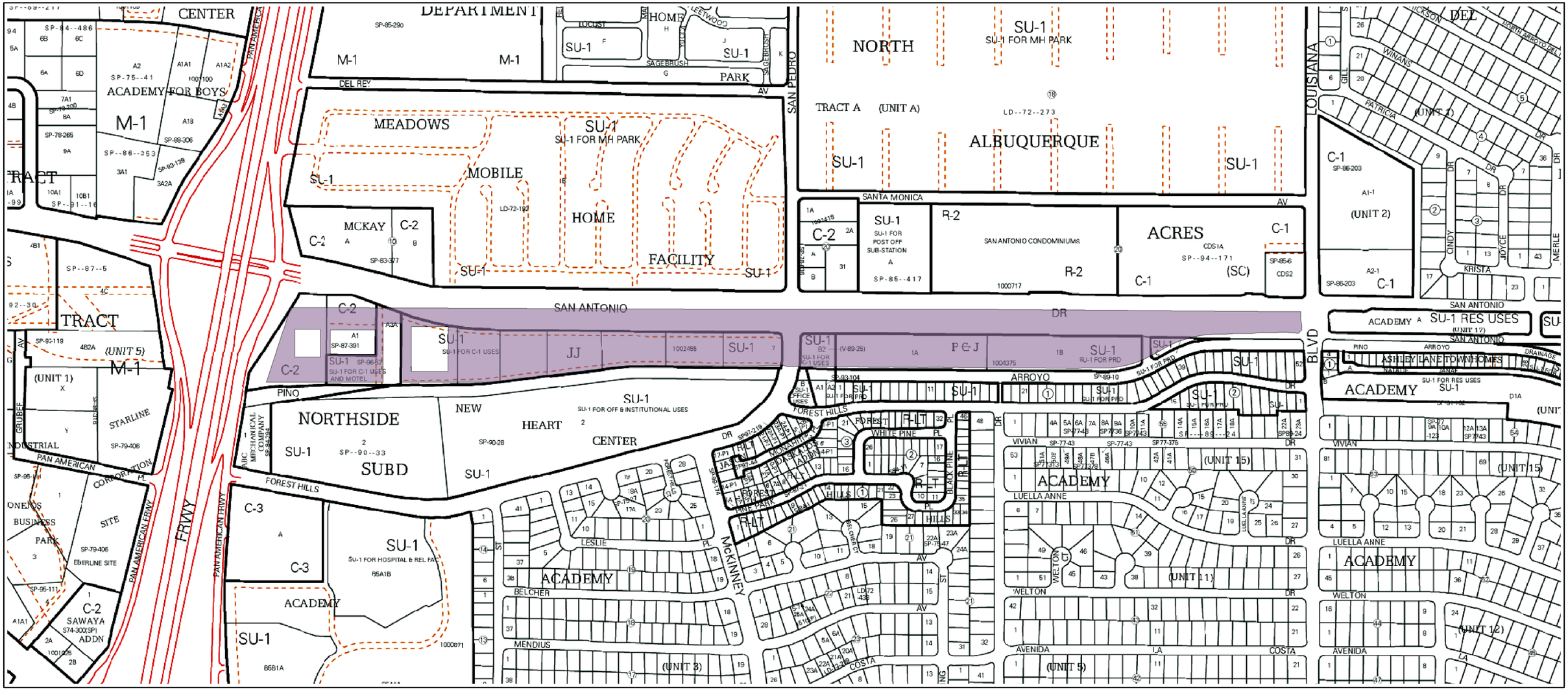
- Landfill Extent
- 1000 ft Landfill Buffer Zone
- Land Parcel Delineation and Ownership
- Traffic Signal
- Electric
- Sanitary Sewer
- Storm Sewer
- Potable Water
- Potable Water - San Juan Chama
- Telephone Lines
- Gas Lines
- Fiber Optic Cable

0 250 500 1,000 Feet

San Antonio Landfill

Figure 3. Utility Map

S:\Projects\COA Environmental Health\GIS\project\San Antonio Landfill\Landfill_Mangement\SA_LM_03-09_fig3.mxd



NORTH

0 250 500 1,000 Feet

Data Source(s): Zoning image – Bernilillo County GIS, aquired 2009.

Legend

Landfill Extent

San Antonio Landfill

Figure 4. Area Lot, Parcel and Zoning Information

S:\Projects\COA Environmental Health\GIS\project\San Antonio Landfill\Landfill_Mangement\SA_LM_03-09_fig4.mxd

TABLES

Table 1
Landfill Physical Data Summary
Former San Antonio Landfill
Albuquerque, New Mexico

Location	East of I-25 and south of San Antonio Blvd.
Period of Operation	1968-1970
Size	42.5 acres
Depth of Waste	10 – 31 feet bgs
Type of waste	Household and construction/demolition
Depth to Groundwater	Approximately 310 to 360 feet bgs
Number of City-installed Landfill Gas Monitoring Wells	39
Number of Landfill Gas Monitoring Wells within the landfill (installed by property owners/occupants)	There are 15 LFG monitoring wells within the perimeter of the landfill (9 @ NMED, 2 @ Homewood Suites Hilton, and 4 @ Hilton Garden Inn
Maximum Methane Concentration/Well/Date	0.5 % methane/Well SAMW-1 (M) in August 5, 2003
Maximum Methane Concentration, most recent quarter (December 2008)	Methane was not identified in any of the LFG monitoring wells during the quarterly sampling event conducted on December 16, 2008

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-1	2-Jun-03	1335	S	7-10	0.0	0.0	1.2	18.3	80.5
			M	17-20	0.0	0.0	1.1	18.1	80.8
			D	27-30	0.0	0.0	1.1	17.9	81.0
	5-Aug-03	1233	S	7-10	**8.0**	**0.4**	0.1	4.2	95.3
			M	17-20	**10.0**	**0.5**	0.2	4.3	95.0
			D	27-30	0.0	0.0	1.0	18.9	80.1
	5-Nov-03	1137	S	7-10	0.0	0.0	0.9	19.2	79.9
			M	17-20	0.0	0.0	1.2	18.5	80.3
			D	27-30	0.0	0.0	1.2	18.4	80.4
	3-Feb-04	1213	S	7-10	0.0	0.0	0.2	19.2	80.6
			M	17-20	0.0	0.0	0.4	19.2	80.4
			D	27-30	0.0	0.0	0.4	19.1	80.5
	5-May-04	1238	S	7-10	0.0	0.0	0.2	18.8	81.0
			M	17-20	0.0	0.0	0.3	18.3	81.4
			D	27-30	0.0	0.0	0.3	18.3	81.4
	8-Sep-04	1340	S	7-10	0.0	0.0	0.8	18.5	80.7
			M	17-20	0.0	0.0	1.0	18.1	80.9
			D	27-30	0.0	0.0	1.0	18.0	81.0
	22-Dec-04	1205	S	7-10	**2.0**	**0.1**	0.5	19.1	80.3
			M	17-20	0.0	0.0	0.9	18.4	80.7
			D	27-30	**2.0***	**0.1***	1.0	18.2	80.7
	22-Mar-05	1156	S	7-10	0.0	0.0	0.4	18.4	81.2
			M	17-20	0.0	0.0	0.4	18.4	81.2
			D	27-30	0.0	0.0	0.7	18.2	81.1
	16-Jun-05	1236	S	7-10	0.0	0.0	0.9	17.8	81.3
			M	17-20	0.0	0.0	0.4	18.3	81.3
			D	27-30	0.0	0.0	0.5	17.9	81.6
	7-Sep-05	1216	S	7-10	**4.0***	**0.2***	1.1	17.8	80.9
			M	17-20	**4.0***	**0.2***	0.7	18.1	81.0
			D	27-30	**4.0***	**0.2***	0.9	17.7	81.2
	20-Dec-05	1101	S	7-10	0.0	0.0	0.4	18.4	81.2
			M	17-20	0.0	0.0	0.4	18.4	81.2
			D	27-30	**2.0**	**0.1**	0.3	18.6	81.0
	17-Apr-06	1841	S	7-10	0.0	0.0	0.5	17.1	82.4
			M	17-20	0.0	0.0	0.4	17.3	82.3
			D	27-30	0.0	0.0	0.3	17.6	82.1
	6-Jul-06	1748	S	7-10	0.0	0.0	1.4	18.1	80.5
			M	17-20	0.0	0.0	0.8	18.5	80.7
			D	27-30	0.0	0.0	0.7	18.7	80.6
	3-Oct-06	1752	S	7-10	0.0	0.0	1.0	19.1	79.9
			M	17-20	0.0	0.0	0.8	19.5	79.7
			D	27-30	0.0	0.0	0.6	19.5	79.9
	13-Feb-07	1642	S	7-10	0.0	0.0	0.3	19.4	80.3
			M	17-20	0.0	0.0	0.4	19.4	80.2
			D	27-30	0.0	0.0	0.6	19.1	80.3
	8-May-07	1625	S	7-10	0.0	0.0	0.2	19.6	80.2
			M	17-20	0.0	0.0	0.3	19.0	80.7
			D	27-30	0.0	0.0	0.4	18.6	81.0
	19-Sep-07	1620	S	7-10	0.0	0.0	1.6	18.2	80.2
			M	17-20	0.0	0.0	1.3	18.6	80.1
			D	27-30	0.0	0.0	1.2	18.4	80.4
	18-Dec-07	1619	S	7-10	0.0	0.0	0.8	19.5	79.7
			M	17-20	0.0	0.0	1.4	18.7	79.9
			D	27-30	0.0	0.0	1.6	18.4	80.0
	24-Mar-08	1644	S	7-10	0.0	0.0	0.3	19.8	79.9
			M	17-20	0.0	0.0	0.6	19.5	79.9
			D	27-30	0.0	0.0	0.9	19.0	80.1
	3-Jun-08	1601	S	7-10	0.0	0.0	0.4	19.0	80.6
			M	17-20	0.0	0.0	0.4	19.0	80.6
			D	27-30	0.0	0.0	0.7	18.2	81.1
	24-Sep-08	1746	S	7-10	0.0	0.0	0.5	18.5	81.0
			M	17-20	0.0	0.0	1.1	17.4	81.5
			D	27-30	0.0	0.0	1.2	17.2	81.6
	16-Dec-08	1603	S	7-10	0.0	0.0	1.1	18.6	80.3
			M	17-20	0.0	0.0	1.4	18.4	80.2
			D	27-30	0.0	0.0	1.9	17.9	80.2

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-2	2-Jun-03	1345	S	7-10	0.0	0.0	2.0	17.3	80.7
			M	17-20	0.0	0.0	2.5	17.0	80.5
			D	27-30	0.0	0.0	2.1	17.6	80.3
	5-Aug-03	1240	S	7-10	0.0	0.0	1.4	19.4	79.2
			M	17-20	0.0	0.0	0.2	20.8	79.0
			D	27-30	0.0	0.0	2.3	18.0	79.7
	5-Nov-03	1143	S	7-10	0.0	0.0	1.2	19.2	79.6
			M	17-20	0.0	0.0	0.4	20.1	79.5
			D	27-30	0.0	0.0	2.7	17.2	80.1
	3-Feb-04	1219	S	7-10	0.0	0.0	0.3	19.4	80.3
			M	17-20	0.0	0.0	1.5	18.4	80.1
			D	27-30	0.0	0.0	1.9	17.9	80.2
	5-May-04	1244	S	7-10	0.0	0.0	0.4	18.7	80.9
			M	17-20	0.0	0.0	0.2	19.1	80.7
			D	27-30	0.0	0.0	1.5	17.3	81.2
	8-Sep-04	1345	S	7-10	0.0	0.0	0.6	19.0	80.4
			M	17-20	0.0	0.0	0.4	19.1	80.5
			D	27-30	0.0	0.0	2.2	16.9	80.9
	22-Dec-04	1216	S	7-10	**2.0***	**0.1***	1.4	18.7	79.8
			M	17-20	0.0	0.0	0.0	20.1	79.9
			D	27-30	0.0	0.0	2.3	17.2	80.5
	22-Mar-05	1210	S	7-10	0.0	0.0	0.4	18.8	80.8
			M	17-20	0.0	0.0	0.0	19.8	80.2
			D	27-30	0.0	0.0	0.7	18.5	80.8
	16-Jun-05	1246	S	7-10	0.0	0.0	0.7	18.1	81.2
			M	17-20	0.0	0.0	0.3	18.7	81.0
			D	27-30	0.0	0.0	1.4	16.8	81.8
	7-Sep-05	1226	S	7-10	**4.0***	**0.2***	0.6	18.2	81.0
			M	17-20	0.0	0.0	0.3	18.4	81.3
			D	27-30	0.0	0.0	0.6	17.8	81.6
	20-Dec-05	1111	S	7-10	0.0	0.0	0.4	19.1	80.5
			M	17-20	0.0	0.0	0.1	19.2	80.7
			D	27-30	0.0	0.0	0.6	18.5	80.9
	17-Apr-06	1834	S	7-10	0.0	0.0	0.9	17.0	82.1
			M	17-20	0.0	0.0	1.3	16.9	81.8
			D	27-30	0.0	0.0	0.8	17.1	82.1
	6-Jul-06	1737	S	7-10	0.0	0.0	1.1	18.6	80.3
			M	17-20	0.0	0.0	0.6	19.0	80.4
			D	27-30	0.0	0.0	1.0	18.5	80.5
	3-Oct-06	1741	S	7-10	**4.0**	**0.2**	1.6	18.8	79.4
			M	17-20	**2.0**	**0.1**	2.9	17.1	79.9
			D	27-30	0.0	0.0	1.2	19.0	79.8
	13-Feb-07	1635	S	7-10	0.0	0.0	1.3	18.7	80.0
			M	17-20	0.0	0.0	1.5	18.4	80.1
			D	27-30	0.0	0.0	1.1	18.5	80.4
	8-May-07	1618	S	7-10	0.0	0.0	0.3	20.1	79.6
			M	17-20	0.0	0.0	0.0	20.4	79.6
			D	27-30	0.0	0.0	0.2	19.9	79.9
	19-Sep-07	1611	S	7-10	0.0	0.0	1.9	18.0	80.1
			M	17-20	0.0	0.0	0.8	19.2	80.0
			D	27-30	0.0	0.0	1.7	18.1	80.2
	18-Dec-07	1612	S	7-10	0.0	0.0	1.5	19.1	79.4
			M	17-20	0.0	0.0	0.6	19.8	79.6
			D	27-30	0.0	0.0	1.0	19.3	79.7
	24-Mar-08	1639	S	7-10	0.0	0.0	0.4	19.9	79.7
			M	17-20	0.0	0.0	0.3	20.0	79.7
			D	27-30	0.0	0.0	0.6	19.8	79.6
	3-Jun-08	1554	S	7-10	0.0	0.0	1.1	18.3	80.6
			M	17-20	0.0	0.0	1.3	18.0	80.7
			D	27-30	0.0	0.0	0.8	18.4	80.8
	24-Sep-08	1741	S	7-10	0.0	0.0	0.9	18.1	81.0
			M	17-20	0.0	0.0	0.2	19.0	80.8
			D	27-30	0.0	0.0	2.7	15.8	81.5
	16-Dec-08	1557	S	7-10	0.0	0.0	1.7	18.2	80.1
			M	17-20	0.0	0.0	1.1	18.8	80.1
			D	27-30	0.0	0.0	1.4	18.7	79.9

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-3	2-Jun-03	1400	S	7-10	0.0	0.0	1.0	18.9	80.1
			M	17-20	0.0	0.0	1.3	18.1	80.6
			D	27-30	0.0	0.0	1.0	19.1	79.9
	5-Aug-03	1246	S	7-10	0.0	0.0	0.8	20.0	79.2
			M	17-20	0.0	0.0	0.0	20.7	79.3
			D	27-30	0.0	0.0	1.4	18.9	79.7
	5-Nov-03	1149	S	7-10	0.0	0.0	0.5	19.8	79.7
			M	17-20	0.0	0.0	0.0	20.3	79.7
			D	27-30	0.0	0.0	2.1	18.0	79.9
	3-Feb-04	1225	S	7-10	0.0	0.0	0.2	20.1	79.7
			M	17-20	0.0	0.0	1.1	19.2	79.7
			D	27-30	0.0	0.0	2.0	18.2	79.8
	5-May-04	1250	S	7-10	0.0	0.0	0.1	19.4	80.5
			M	17-20	0.0	0.0	0.0	19.9	80.1
			D	27-30	0.0	0.0	1.4	17.8	80.8
	8-Sep-04	1350	S	7-10	0.0	0.0	0.5	19.3	80.2
			M	17-20	0.0	0.0	0.2	20.0	79.8
			D	27-30	0.0	0.0	2.2	17.3	80.5
	22-Dec-04	1222	S	7-10	0.0	0.0	0.6	19.3	80.1
			M	17-20	0.0	0.0	0.2	20.1	79.7
			D	27-30	0.0	0.0	2.0	17.9	80.1
	22-Mar-05	1230	S	7-10	0.0	0.0	0.4	19.3	80.3
			M	17-20	0.0	0.0	0.2	19.7	80.1
			D	27-30	0.0	0.0	0.4	19.1	80.5
	16-Jun-05	1258	S	7-10	0.0	0.0	0.4	18.7	80.9
			M	17-20	0.0	0.0	0.1	19.2	80.7
			D	27-30	0.0	0.0	0.2	18.9	80.9
	7-Sep-05	1236	S	7-10	0.0	0.0	0.5	18.1	81.4
			M	17-20	**4.0***	**0.2***	0.1	18.6	81.1
			D	27-30	0.0	0.0	0.3	18.3	81.4
	20-Dec-05	1121	S	7-10	0.0	0.0	0.2	19.2	80.6
			M	17-20	0.0	0.0	0.0	19.4	80.6
			D	27-30	0.0	0.0	0.0	19.3	80.7
	17-Apr-06	1827	S	7-10	0.0	0.0	3.1	15.2	81.7
			M	17-20	0.0	0.0	1.4	16.5	82.1
			D	27-30	0.0	0.0	0.8	17.3	81.9
	6-Jul-06	1730	S	7-10	0.0	0.0	1.3	18.7	80.0
			M	17-20	0.0	0.0	1.6	18.5	79.9
			D	27-30	0.0	0.0	0.5	19.1	80.4
	3-Oct-06	1730	S	7-10	0.0	0.0	1.6	19.1	79.3
			M	17-20	0.0	0.0	2.2	18.3	79.5
			D	27-30	0.0	0.0	0.7	19.7	79.6
	13-Feb-07	1628	S	7-10	0.0	0.0	0.5	19.5	80.0
			M	17-20	0.0	0.0	1.8	18.2	80.0
			D	27-30	0.0	0.0	1.2	18.8	80.0
	8-May-07	1614	S	7-10	0.0	0.0	0.2	20.1	79.7
			M	17-20	0.0	0.0	0.4	19.7	79.9
			D	27-30	0.0	0.0	0.1	20.3	79.6
	19-Sep-07	1602	S	7-10	0.0	0.0	1.4	19.1	79.5
			M	17-20	0.0	0.0	2.5	17.8	79.7
			D	27-30	0.0	0.0	1.4	18.7	79.9
	18-Dec-07	1606	S	7-10	0.0	0.0	0.6	20.0	79.4
			M	17-20	0.0	0.0	0.9	19.7	79.4
			D	27-30	0.0	0.0	0.4	20.0	79.6
	24-Mar-08	1631	S	7-10	0.0	0.0	0.7	19.9	79.4
			M	17-20	0.0	0.0	1.6	18.8	79.6
			D	27-30	0.0	0.0	0.1	20.4	79.5
	3-Jun-08	1548	S	7-10	0.0	0.0	0.7	18.9	80.4
			M	17-20	0.0	0.0	1.6	17.6	80.8
			D	27-30	0.0	0.0	0.6	18.8	80.6
	24-Sep-08	1734	S	7-10	0.0	0.0	0.4	18.8	80.8
			M	17-20	0.0	0.0	1.6	17.8	80.6
			D	27-30	0.0	0.0	1.7	17.1	81.2
	16-Dec-08	1550	S	7-10	0.0	0.0	1.2	19.0	79.8
			M	17-20	0.0	0.0	2.5	17.9	79.6
			D	27-30	0.0	0.0	0.9	19.3	79.8

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-4	2-Jun-03	1408	S	7-10	0.0	0.0	1.1	19.1	79.8
			M	16-19	0.0	0.0	1.3	18.9	79.8
			D	27-30	0.0	0.0	1.2	18.7	80.1
	5-Aug-03	1251	S	7-10	0.0	0.0	0.6	19.8	79.6
			M	16-19	0.0	0.0	1.1	19.6	79.3
			D	27-30	0.0	0.0	3.3	17.4	79.3
	5-Nov-03	1555	S	7-10	0.0	0.0	0.5	19.7	79.8
			M	17-20	0.0	0.0	1.7	18.7	79.6
			D	27-30	0.0	0.0	3.8	16.7	79.5
	3-Feb-04	1231	S	7-10	0.0	0.0	0.2	19.4	80.4
			M	17-20	0.0	0.0	2.6	17.5	79.9
			D	27-30	0.0	0.0	3.1	17.1	79.8
	5-May-04	1255	S	7-10	0.0	0.0	0.2	19.0	80.8
			M	17-20	0.0	0.0	0.3	18.6	81.1
			D	27-30	0.0	0.0	2.6	16.5	80.9
	8-Sep-04	1355	S	7-10	0.0	0.0	0.3	19.5	80.2
			M	17-20	0.0	0.0	0.9	19.1	80.0
			D	27-30	0.0	0.0	3.2	16.7	80.1
	22-Dec-04	1228	S	7-10	0.0	0.0	1.6	18.3	80.1
			M	17-20	0.0	0.0	1.8	18.2	80.0
			D	27-30	0.0	0.0	3.5	16.8	79.7
	22-Mar-05	1240	S	7-10	0.0	0.0	0.4	19.2	80.4
			M	17-20	0.0	0.0	1.0	18.5	80.5
			D	27-30	0.0	0.0	0.4	18.9	80.7
	16-Jun-05	1310	S	7-10	0.0	0.0	0.4	18.7	80.9
			M	17-20	0.0	0.0	0.4	18.4	81.2
			D	27-30	0.0	0.0	0.4	18.3	81.3
	7-Sep-05	1247	S	7-10	0.0	0.0	0.4	18.5	81.1
			M	17-20	0.0	0.0	1.2	17.8	81.0
			D	27-30	0.0	0.0	0.7	18.3	81.0
	20-Dec-05	1131	Sample Ports Inoperable, Could Not Read						
	17-Apr-06	1819	S	7-10	0.0	0.0	0.8	17.0	82.2
			M	17-20	0.0	0.0	0.8	17.3	81.9
			D	27-30	0.0	0.0	3.3	15.2	81.5
	6-Jul-06	1723	S	7-10	0.0	0.0	0.7	18.9	80.4
			M	17-20	0.0	0.0	0.9	18.9	80.2
			D	27-30	**2.0**	**0.1**	3.1	17.1	79.7
	3-Oct-06	1721	S	7-10	0.0	0.0	0.8	19.3	79.9
			M	17-20	0.0	0.0	1.1	19.4	79.5
			D	27-30	**2.0**	**0.1**	3.9	17.1	78.9
	13-Feb-07	1619	S	7-10	0.0	0.0	1.0	19.3	79.7
			M	17-20	0.0	0.0	1.6	18.5	79.9
			D	27-30	0.0	0.0	0.2	20.0	79.8
	8-May-07	1604	S	7-10	0.0	0.0	0.1	20.2	79.7
			M	17-20	0.0	0.0	0.2	19.9	79.9
			D	27-30	0.0	0.0	2.9	17.2	79.9
	19-Sep-07	1547	S	7-10	0.0	0.0	1.8	17.5	80.7
			M	17-20	0.0	0.0	1.9	18.7	79.4
			D	27-30	0.0	0.0	1.9	18.6	79.5
	18-Dec-07	1559	S	7-10	0.0	0.0	0.6	19.8	79.6
			M	17-20	0.0	0.0	1.3	19.8	78.9
			D	27-30	0.0	0.0	0.2	20.3	79.5
	24-Mar-08	1624	S	7-10	0.0	0.0	0.4	20.0	79.6
			M	17-20	0.0	0.0	0.4	20.0	79.6
			D	27-30	0.0	0.0	3.6	17.4	79.0
	3-Jun-08	1541	S	7-10	0.0	0.0	0.6	18.9	80.5
			M	17-20	0.0	0.0	0.6	19.0	80.4
			D	27-30	0.0	0.0	3.2	16.6	80.2
	24-Sep-08	1728	S	7-10	0.0	0.0	0.3	18.7	81.0
			M	17-20	0.0	0.0	0.8	18.3	80.9
			D	27-30	0.0	0.0	3.2	16.2	80.6
	16-Dec-08	1543	S	7-10	0.0	0.0	0.8	18.4	80.8
			M	17-20	0.0	0.0	1.3	18.7	80.0
			D	27-30	0.0	0.0	3.8	16.7	79.5

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-5	2-Jun-03	1417	S	7-10	0.0	0.0	1.0	18.8	80.2
			M	17-20	0.0	0.0	0.3	17.5	82.2
			D	27-30	0.0	0.0	1.3	17.9	80.8
	5-Aug-03	1257	S	7-10	0.0	0.0	1.0	19.5	79.5
			M	17-20	0.0	0.0	1.6	18.0	80.4
			D	27-30	0.0	0.0	4.2	16.0	79.8
	5-Nov-03	1204	S	7-10	0.0	0.0	0.9	19.4	79.7
			M	17-20	0.0	0.0	3.1	17.2	79.7
			D	27-30	0.0	0.0	5.1	15.4	79.5
	3-Feb-04	1237	S	7-10	0.0	0.0	0.3	20.1	79.6
			M	17-20	0.0	0.0	1.6	18.8	79.6
			D	27-30	0.0	0.0	4.4	15.8	79.8
	5-May-04	1301	S	7-10	0.0	0.0	0.3	18.7	81.0
			M	17-20	0.0	0.0	1.4	17.8	80.8
			D	27-30	0.0	0.0	3.6	15.2	81.2
	8-Sep-04	1405	S	7-10	0.0	0.0	0.7	19.1	80.2
			M	17-20	0.0	0.0	2.4	17.5	80.1
			D	27-30	0.0	0.0	4.4	15.4	80.2
	22-Dec-04	1235	S	7-10	0.0	0.0	1.2	18.6	80.2
			M	17-20	0.0	0.0	2.6	17.1	80.3
			D	27-30	0.0	0.0	4.6	15.5	79.9
	22-Mar-05	1250	S	7-10	0.0	0.0	0.7	18.5	80.8
			M	17-20	0.0	0.0	2.6	16.6	80.8
			D	27-30	0.0	0.0	1.4	18.5	80.1
	16-Jun-05	1322	S	7-10	0.0	0.0	0.8	17.9	81.3
			M	17-20	0.0	0.0	2.2	16.5	81.3
			D	27-30	0.0	0.0	0.4	18.5	81.1
	7-Sep-05	1256	S	7-10	0.0	0.0	1.1	17.9	81.0
			M	17-20	0.0	0.0	2.3	16.4	81.3
			D	27-30	0.0	0.0	1.2	17.6	81.2
	20-Dec-05	1135	S	7-10	0.0	0.0	0.7	18.7	80.6
			M	17-20	0.0	0.0	2.4	17.1	80.5
			D	27-30	0.0	0.0	0.9	18.3	80.8
	17-Apr-06	1811	S	7-10	0.0	0.0	0.8	17.2	82.0
			M	17-20	0.0	0.0	2.3	15.8	81.9
			D	27-30	0.0	0.0	1.2	16.7	82.1
	6-Jul-06	1716	S	7-10	0.0	0.0	1.5	18.5	80.0
			M	17-20	0.0	0.0	2.9	17.1	80.0
			D	27-30	**6.0**	**0.3**	1.2	18.5	80.0
	3-Oct-06	1713	S	7-10	0.0	0.0	1.5	19.2	79.3
			M	17-20	**2.0**	**0.1**	3.1	17.2	79.6
			D	27-30	0.0	0.0	3.9	16.6	79.5
	13-Feb-07	1612	S	7-10	0.0	0.0	1.0	19.0	80.0
			M	17-20	0.0	0.0	2.8	17.5	79.7
			D	27-30	0.0	0.0	1.8	18.4	79.8
	8-May-07	1558	S	7-10	0.0	0.0	0.7	19.4	79.9
			M	17-20	0.0	0.0	2.7	17.3	80.0
			D	27-30	0.0	0.0	0.2	20.1	79.7
	19-Sep-07	1538	S	7-10	0.0	0.0	1.8	18.7	79.5
			M	17-20	0.0	0.0	3.2	17.1	79.7
			D	27-30	0.0	0.0	1.7	18.5	79.8
	18-Dec-07	1552	S	7-10	0.0	0.0	1.3	19.1	79.6
			M	17-20	0.0	0.0	3.1	17.7	79.2
			D	27-30	0.0	0.0	2.1	18.4	79.5
	24-Mar-08	1617	S	7-10	0.0	0.0	1.0	19.7	79.3
			M	17-20	0.0	0.0	2.2	18.6	79.2
			D	27-30	0.0	0.0	1.2	19.4	79.4
	3-Jun-08	1534	S	7-10	0.0	0.0	0.8	18.8	80.4
			M	17-20	0.0	0.0	1.7	17.6	80.7
			D	27-30	0.0	0.0	1.1	18.5	80.4
	24-Sep-08	1722	S	7-10	0.0	0.0	0.8	18.2	81.0
			M	17-20	0.0	0.0	2.2	16.5	81.3
			D	27-30	0.0	0.0	3.9	15.1	81.0
	16-Dec-08	1536	S	7-10	0.0	0.0	1.5	18.4	80.1
			M	17-20	0.0	0.0	3.1	17.2	79.7
			D	27-30	0.0	0.0	1.7	18.4	79.9

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-6	2-Jun-03	1425	S	7-10	0.0	0.0	1.8	17.8	80.4
			M	17-20	0.0	0.0	1.9	18.0	80.1
			D	27-30	0.0	0.0	2.1	18.0	79.9
	5-Aug-03	1302	S	7-10	0.0	0.0	1.2	19.1	79.7
			M	17-20	0.0	0.0	1.9	18.1	80.0
			D	27-30	0.0	0.0	5.0	15.3	79.7
	5-Nov-03	1213	S	7-10	0.0	0.0	1.2	19.0	79.8
			M	17-20	0.0	0.0	2.7	17.7	79.6
			D	27-30	0.0	0.0	5.6	14.6	79.8
	3-Feb-04	1243	S	7-10	0.0	0.0	2.9	16.9	80.2
			M	17-20	0.0	0.0	4.6	15.4	80.0
			D	27-30	0.0	0.0	5.1	14.9	80.0
	5-May-04	1309	S	7-10	0.0	0.0	0.8	18.6	80.6
			M	17-20	0.0	0.0	1.5	17.6	80.9
			D	27-30	0.0	0.0	4.4	14.4	81.2
	8-Sep-04	1410	S	7-10	0.0	0.0	1.2	18.6	80.2
			M	17-20	0.0	0.0	3.8	15.8	80.4
			D	27-30	0.0	0.0	5.5	14.7	79.8
	22-Dec-04	1244	S	7-10	0.0	0.0	1.4	18.6	80.0
			M	17-20	0.0	0.0	2.6	17.5	79.9
			D	27-30	0.0	0.0	4.6	15.4	80.0
	22-Mar-05	1303	S	7-10	0.0	0.0	1.7	17.0	81.3
			M	17-20	0.0	0.0	2.0	17.1	80.9
			D	27-30	0.0	0.0	3.3	15.7	81.0
	16-Jun-05	1339	S	7-10	0.0	0.0	1.2	17.8	81.0
			M	17-20	0.0	0.0	1.3	17.3	81.4
			D	27-30	0.0	0.0	1.3	17.2	81.5
	7-Sep-05	1305	S	7-10	0.0	0.0	1.2	17.8	81.0
			M	17-20	0.0	0.0	2.0	17.0	81.0
			D	27-30	0.0	0.0	1.4	17.4	81.2
	20-Dec-05	1144	S	7-10	0.0	0.0	1.1	18.2	80.7
			M	17-20	0.0	0.0	2.1	17.3	80.6
			D	27-30	0.0	0.0	3.1	16.1	80.8
	17-Apr-06	1803	S	7-10	0.0	0.0	1.5	16.4	82.1
			M	17-20	0.0	0.0	1.7	16.4	81.9
			D	27-30	0.0	0.0	1.4	16.5	82.1
	6-Jul-06	1705	S	7-10	0.0	0.0	1.9	18.0	80.1
			M	17-20	0.0	0.0	2.6	17.3	80.1
			D	27-30	0.0	0.0	2.6	17.3	80.1
	3-Oct-06	1702	S	7-10	0.0	0.0	2.1	18.6	79.3
			M	17-20	0.0	0.0	2.6	18.1	79.3
			D	27-30	0.0	0.0	2.6	17.9	79.5
	13-Feb-07	1604	S	7-10	0.0	0.0	1.8	18.4	79.8
			M	17-20	0.0	0.0	3.0	17.5	79.5
			D	27-30	0.0	0.0	3.4	17.3	79.3
	8-May-07	1550	S	7-10	0.0	0.0	0.6	19.3	80.1
			M	17-20	0.0	0.0	0.6	19.1	80.3
			D	27-30	0.0	0.0	0.4	19.4	80.2
	19-Sep-07	1531	S	7-10	0.0	0.0	2.2	18.2	79.6
			M	17-20	0.0	0.0	2.8	17.6	79.6
			D	27-30	0.0	0.0	2.1	18.0	79.9
	18-Dec-07	1546	S	7-10	0.0	0.0	2.1	18.7	79.2
			M	17-20	0.0	0.0	3.2	17.6	79.2
			D	27-30	0.0	0.0	3.0	17.6	79.4
	24-Mar-08	1609	S	7-10	0.0	0.0	2.0	18.5	79.5
			M	17-20	0.0	0.0	1.9	18.8	79.3
			D	27-30	0.0	0.0	1.5	18.9	79.6
	3-Jun-08	1526	S	7-10	0.0	0.0	1.3	18.4	80.3
			M	17-20	0.0	0.0	1.7	18.1	80.2
			D	27-30	0.0	0.0	1.4	18.2	80.4
	24-Sep-08	1716	S	7-10	0.0	0.0	1.1	17.8	81.1
			M	17-20	0.0	0.0	2.6	16.1	81.3
			D	27-30	0.0	0.0	4.6	14.5	80.9
	16-Dec-08	1529	S	7-10	0.0	0.0	2.2	18.2	79.6
			M	17-20	0.0	0.0	3.1	17.5	79.4
			D	27-30	0.0	0.0	2.1	18.1	79.8

LANDFILL GAS MONITORING RESULTS
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-7	2-Jun-03	1432	S	7-10	0.0	0.0	1.2	18.8	80.0
			M	17-20	0.0	0.0	3.2	16.8	80.0
			D	27-30	0.0	0.0	3.2	16.4	80.4
	5-Aug-03	1307	S	7-10	0.0	0.0	1.1	19.5	79.4
			M	17-20	0.0	0.0	3.7	16.9	79.4
			D	27-30	0.0	0.0	5.6	15.1	79.3
	5-Nov-03	1220	S	7-10	0.0	0.0	1.2	19.2	79.6
			M	17-20	0.0	0.0	4.5	16.2	79.3
			D	27-30	0.0	0.0	6.4	14.4	79.2
	3-Feb-04	1253	S	7-10	0.0	0.0	1.3	19.3	79.4
			M	17-20	0.0	0.0	4.0	16.2	79.8
			D	27-30	0.0	0.0	5.5	14.6	79.9
	5-May-04	1314	S	7-10	0.0	0.0	0.9	18.5	80.6
			M	17-20	0.0	0.0	2.9	16.2	80.9
			D	27-30	0.0	0.0	4.6	14.4	81.0
	8-Sep-04	1420	S	7-10	0.0	0.0	1.1	19.1	79.8
			M	17-20	0.0	0.0	4.1	16.1	79.8
			D	27-30	0.0	0.0	6.0	14.5	79.5
	22-Dec-04	1254	S	7-10	0.0	0.0	0.9	18.8	80.3
			M	17-20	0.0	0.0	3.7	16.4	79.9
			D	27-30	0.0	0.0	6.1	14.5	79.4
	22-Mar-05	1319	S	7-10	0.0	0.0	1.5	17.4	81.1
			M	17-20	0.0	0.0	2.9	15.9	81.2
			D	27-30	0.0	0.0	3.5	15.8	80.7
	16-Jun-05	1348	S	7-10	0.0	0.0	1.1	18.1	80.8
			M	17-20	0.0	0.0	3.1	15.7	81.2
			D	27-30	0.0	0.0	2.3	16.4	81.3
	7-Sep-05	1314	S	7-10	0.0	0.0	1.1	17.9	81.0
			M	17-20	0.0	0.0	1.4	17.5	81.1
			D	27-30	0.0	0.0	2.0	16.9	81.1
	20-Dec-05	1153	S	7-10	0.0	0.0	1.1	18.4	80.5
			M	17-20	0.0	0.0	1.5	17.8	80.7
			D	27-30	0.0	0.0	1.9	17.4	80.7
	17-Apr-06	1756	S	7-10	0.0	0.0	1.0	17.2	81.8
			M	17-20	0.0	0.0	1.4	16.7	81.9
			D	27-30	0.0	0.0	1.8	16.4	81.8
	6-Jul-06	1651	S	7-10	**2.0**	**0.1**	1.4	18.6	79.9
			M	17-20	0.0	0.0	2.4	17.8	79.8
			D	27-30	**4.0**	**0.2**	2.0	18.1	79.7
	3-Oct-06	1654	S	7-10	0.0	0.0	2.0	19.1	78.9
			M	17-20	0.0	0.0	2.3	18.4	79.3
			D	27-30	0.0	0.0	2.2	18.6	79.2
	13-Feb-07	1558	S	7-10	0.0	0.0	1.1	18.9	80.0
			M	17-20	0.0	0.0	3.8	17.3	78.9
			D	27-30	0.0	0.0	4.5	16.7	78.8
	8-May-07	1544	S	7-10	0.0	0.0	0.5	19.7	79.8
			M	17-20	0.0	0.0	1.7	18.0	80.3
			D	27-30	0.0	0.0	0.5	19.2	80.3
	19-Sep-07	1522	S	7-10	0.0	0.0	3.1	18.5	78.4
			M	17-20	0.0	0.0	2.6	17.9	79.5
			D	27-30	0.0	0.0	2.4	18.0	79.6
	18-Dec-07	1539	S	7-10	0.0	0.0	1.2	19.1	79.7
			M	17-20	0.0	0.0	4.4	16.8	78.8
			D	27-30	0.0	0.0	4.1	16.6	79.3
	24-Mar-08	1602	S	7-10	0.0	0.0	1.7	19.1	79.2
			M	17-20	0.0	0.0	1.4	19.2	79.4
			D	27-30	0.0	0.0	1.3	19.3	79.4
	3-Jun-08	1519	S	7-10	0.0	0.0	0.9	18.9	80.2
			M	17-20	0.0	0.0	1.4	18.2	80.4
			D	27-30	0.0	0.0	1.6	18.1	80.3
	24-Sep-08	1709	S	7-10	0.0	0.0	0.9	18.0	81.1
			M	17-20	0.0	0.0	3.7	15.5	80.8
			D	27-30	0.0	0.0	5.1	14.1	80.8
	16-Dec-08	1523	S	7-10	0.0	0.0	1.5	18.8	79.7
			M	17-20	0.0	0.0	3.1	17.5	79.4
			D	27-30	0.0	0.0	1.9	18.5	79.6

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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-8	2-Jun-03	1442	S	7-10	0.0	0.0	2.0	18.0	80.0
			M	17-20	0.0	0.0	3.9	16.2	79.9
			D	27-30	0.0	0.0	2.6	17.2	80.2
	5-Aug-03	1312	S	7-10	0.0	0.0	1.7	18.6	79.7
			M	17-20	**2***	**0.1***	4.9	15.5	79.5
			D	27-30	0.0	0.0	7.4	13.0	79.6
	5-Nov-03	1226	S	7-10	0.0	0.0	2.5	17.5	80.0
			M	17-20	0.0	0.0	5.5	14.8	79.7
			D	27-30	0.0	0.0	8.1	12.4	79.5
	3-Feb-04	1301	S	7-10	0.0	0.0	3.0	16.8	80.2
			M	17-20	0.0	0.0	5.0	14.9	80.1
			D	27-30	0.0	0.0	7.3	12.5	80.2
	5-May-04	1324	S	7-10	0.0	0.0	1.5	17.3	81.2
			M	17-20	0.0	0.0	4.0	14.9	81.1
			D	27-30	0.0	0.0	6.3	12.4	81.3
	8-Sep-04	1425	S	7-10	0.0	0.0	2.6	17.0	80.4
			M	17-20	0.0	0.0	5.3	14.9	79.8
			D	27-30	0.0	0.0	7.7	12.8	79.5
	22-Dec-04	1259	S	7-10	0.0	0.0	1.8	17.9	80.3
			M	17-20	**2***	**0.1***	4.6	15.5	79.8
			D	27-30	0.0	0.0	7.8	12.6	79.6
	22-Mar-05	1333	S	7-10	0.0	0.0	2.3	16.3	81.4
			M	17-20	0.0	0.0	4.3	14.9	80.8
			D	27-30	0.0	0.0	3.4	15.7	80.9
	16-Jun-05	1358	S	7-10	0.0	0.0	2.2	16.5	81.3
			M	17-20	0.0	0.0	3.3	15.5	81.2
			D	27-30	0.0	0.0	2.4	16.3	81.3
	7-Sep-05	1324	S	7-10	0.0	0.0	2.0	16.9	81.1
			M	17-20	0.0	0.0	4.4	14.8	80.8
			D	27-30	0.0	0.0	3.6	15.3	81.1
	20-Dec-05	1203	S	7-10	0.0	0.0	1.9	17.4	80.7
			M	17-20	0.0	0.0	4.4	15.2	80.4
			D	27-30	0.0	0.0	3.3	16.1	80.6
	17-Apr-06	1749	S	7-10	0.0	0.0	2.0	15.9	82.1
			M	17-20	0.0	0.0	3.2	15.1	81.7
			D	27-30	0.0	0.0	2.4	15.6	82.0
	6-Jul-06	1644	S	7-10	0.0	0.0	2.4	17.6	80.0
			M	17-20	0.0	0.0	4.5	15.8	79.7
			D	27-30	0.0	0.0	2.8	17.2	80.0
	3-Oct-06	1642	S	7-10	0.0	0.0	2.7	17.9	79.4
			M	17-20	0.0	0.0	4.7	16.0	79.3
			D	27-30	0.0	0.0	2.9	17.7	79.4
	13-Feb-07	1551	S	7-10	0.0	0.0	2.8	17.5	79.7
			M	17-20	0.0	0.0	5.4	15.7	78.9
			D	27-30	0.0	0.0	3.8	16.7	79.5
	8-May-07	1538	S	7-10	0.0	0.0	1.7	18.4	79.9
			M	17-20	0.0	0.0	4.6	15.9	79.5
			D	27-30	0.0	0.0	1.5	18.2	80.3
	19-Sep-07	1514	S	7-10	0.0	0.0	4.6	15.8	79.6
			M	17-20	0.0	0.0	5.1	15.2	79.7
			D	27-30	0.0	0.0	3.5	16.6	79.9
	18-Dec-07	1533	S	7-10	0.0	0.0	3.3	17.7	79.0
			M	17-20	0.0	0.0	5.2	15.9	78.9
			D	27-30	0.0	0.0	3.6	17.1	79.3
	24-Mar-08	1352	S	7-10	0.0	0.0	3.2	17.4	79.4
			M	17-20	0.0	0.0	4.2	16.6	79.2
			D	27-30	0.0	0.0	2.8	17.9	79.3
	3-Jun-08	1514	S	7-10	0.0	0.0	2.4	17.2	80.4
			M	17-20	0.0	0.0	3.6	16.2	80.2
			D	27-30	0.0	0.0	2.1	17.6	80.3
	24-Sep-08	1703	S	7-10	0.0	0.0	2.1	16.8	81.1
			M	17-20	0.0	0.0	4.6	14.7	80.7
			D	27-30	0.0	0.0	6.6	12.6	80.8
	16-Dec-08	1517	S	7-10	0.0	0.0	3.7	17.0	79.3
			M	17-20	0.0	0.0	5.0	15.8	79.2
			D	27-30	0.0	0.0	3.6	16.9	79.5

LANDFILL GAS MONITORING RESULTS
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-9	2-Jun-03	1448	S	7-10	0.0	0.0	1.1	18.3	80.6
			M	17-20	0.0	0.0	3.3	15.9	80.8
			D	27-30	0.0	0.0	3.2	16.1	80.7
	5-Aug-03	1318	S	7-10	0.0	0.0	1.3	19.1	79.6
			M	17-20	0.0	0.0	1.5	18.7	79.8
			D	27-30	0.0	0.0	7.4	13.1	79.5
	5-Nov-03	1234	S	7-10	0.0	0.0	1.5	18.6	79.9
			M	17-20	0.0	0.0	3.0	17.1	79.9
			D	27-30	0.0	0.0	8.4	12.0	79.6
	3-Feb-04	1310	S	7-10	0.0	0.0	1.4	18.0	80.6
			M	17-20	0.0	0.0	2.4	17.6	80.0
			D	27-30	0.0	0.0	7.7	12.0	80.3
	5-May-04	1329	S	7-10	0.0	0.0	0.9	18.1	81.0
			M	17-20	0.0	0.0	1.0	17.9	81.1
			D	27-30	0.0	0.0	6.5	12.1	81.4
	8-Sep-04	1435	S	7-10	0.0	0.0	1.4	18.2	80.4
			M	17-20	0.0	0.0	1.6	18.0	80.4
			D	27-30	0.0	0.0	8.0	12.4	79.6
	22-Dec-04	1310	S	7-10	0.0	0.0	1.7	18.0	80.3
			M	17-20	0.0	0.0	3.1	16.7	80.2
			D	27-30	0.0	0.0	8.4	12.0	79.6
	22-Mar-05	1346	S	7-10	0.0	0.0	2.1	16.6	81.3
			M	17-20	0.0	0.0	3.2	15.5	81.3
			D	27-30	0.0	0.0	5.1	13.6	81.3
	16-Jun-05	1411	S	7-10	0.0	0.0	1.7	17.0	81.3
			M	17-20	0.0	0.0	1.0	16.5	82.5
			D	27-30	0.0	0.0	2.2	16.2	81.6
	7-Sep-05	1333	S	7-10	0.0	0.0	1.6	17.3	81.1
			M	17-20	0.0	0.0	2.2	16.5	81.3
			D	27-30	0.0	0.0	2.5	16.0	81.5
	20-Dec-05	1215	S	7-10	0.0	0.0	1.5	17.8	80.7
			M	17-20	0.0	0.0	2.7	16.6	80.7
			D	27-30	0.0	0.0	3.0	16.0	81.0
	17-Apr-06	1741	S	7-10	0.0	0.0	1.3	16.7	82.0
			M	17-20	0.0	0.0	1.9	15.9	82.2
			D	27-30	0.0	0.0	2.2	15.6	82.2
	6-Jul-06	1637	S	7-10	0.0	0.0	2.4	17.7	79.9
			M	17-20	0.0	0.0	3.3	16.5	80.2
			D	27-30	0.0	0.0	3.9	15.6	80.5
	3-Oct-06	1638	S	7-10	0.0	0.0	2.6	17.9	79.5
			M	17-20	0.0	0.0	2.9	17.4	79.7
			D	27-30	0.0	0.0	3.2	17.1	79.7
	13-Feb-07	1544	S	7-10	0.0	0.0	2.7	17.6	79.7
			M	17-20	0.0	0.0	5.3	15.5	79.2
			D	27-30	0.0	0.0	7.3	13.6	79.1
	8-May-07	1529	S	7-10	0.0	0.0	1.9	18.1	80.0
			M	17-20	0.0	0.0	2.1	17.6	80.3
			D	27-30	0.0	0.0	4.7	15.2	80.1
	19-Sep-07	1507	S	7-10	0.0	0.0	2.6	17.8	79.6
			M	17-20	0.0	0.0	3.0	17.2	79.8
			D	27-30	0.0	0.0	3.3	16.7	80.0
	18-Dec-07	1524	S	7-10	0.0	0.0	2.2	18.3	79.5
			M	17-20	0.0	0.0	5.2	15.9	78.9
			D	27-30	0.0	0.0	6.4	14.6	79.0
	24-Mar-08	1545	S	7-10	0.0	0.0	1.8	18.7	79.5
			M	17-20	0.0	0.0	2.0	18.5	79.5
			D	27-30	0.0	0.0	2.9	17.5	79.6
	3-Jun-08	1507	S	7-10	0.0	0.0	1.7	17.8	80.5
			M	17-20	0.0	0.0	1.9	17.7	80.4
			D	27-30	0.0	0.0	2.4	17.0	80.6
	24-Sep-08	1657	S	7-10	0.0	0.0	1.3	17.6	81.1
			M	17-20	0.0	0.0	1.9	16.9	81.2
			D	27-30	0.0	0.0	6.9	12.1	81.0
	16-Dec-08	1511	S	7-10	0.0	0.0	2.8	17.2	80.0
			M	17-20	0.0	0.0	5.1	15.6	79.3
			D	27-30	0.0	0.0	6.4	14.0	79.6

LANDFILL GAS MONITORING RESULTS
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-10	2-Jun-03	1457	S	7-10	0.0	0.0	2.4	17.2	80.4
			M	17-20	0.0	0.0	2.1	17.6	80.3
			D	24-27	0.0	0.0	2.0	17.7	80.3
	5-Aug-03	1333	S	7-10	**2***	**0.1***	2.4	18.5	79.0
			M	17-20	0.0	0.0	4.3	16.3	79.4
			D	24-27	0.0	0.0	5.9	14.6	79.5
	5-Nov-03	1242	S	7-10	0.0	0.0	2.4	17.6	80.0
			M	17-20	0.0	0.0	5.4	14.5	80.1
			D	24-27	0.0	0.0	6.8	13.3	79.9
	3-Feb-04	1318	S	7-10	0.0	0.0	1.3	18.8	79.9
			M	17-20	0.0	0.0	4.7	14.8	80.5
			D	24-27	0.0	0.0	6.6	12.8	80.6
	5-May-04	1336	S	7-10	0.0	0.0	1.1	17.7	81.2
			M	17-20	0.0	0.0	3.6	14.8	81.6
			D	24-27	0.0	0.0	3.0	15.4	81.6
	8-Sep-04	1440	S	7-10	0.0	0.0	2.6	16.8	80.6
			M	17-20	0.0	0.0	5.2	14.6	80.2
			D	24-27	0.0	0.0	6.6	13.5	79.9
	22-Dec-04	1315	S	7-10	0.0	0.0	1.6	18.0	80.4
			M	17-20	0.0	0.0	3.4	16.4	80.2
			D	24-27	0.0	0.0	2.6	17.3	80.1
	22-Mar-05	1401	S	7-10	0.0	0.0	2.3	16.3	81.4
			M	17-20	0.0	0.0	4.5	14.1	81.4
			D	24-27	0.0	0.0	2.3	16.3	81.4
	16-Jun-05	1422	S	7-10	0.0	0.0	2.2	16.2	81.6
			M	17-20	0.0	0.0	1.9	16.6	81.5
			D	24-27	0.0	0.0	1.6	16.9	81.5
	7-Sep-05	1343	S	7-10	0.0	0.0	2.1	16.7	81.2
			M	17-20	0.0	0.0	1.8	16.8	81.4
			D	24-27	0.0	0.0	1.9	16.7	81.4
	20-Dec-05	1227	S	7-10	0.0	0.0	2.2	16.9	80.9
			M	17-20	0.0	0.0	2.5	16.6	80.9
			D	24-27	0.0	0.0	2.3	16.8	80.9
	17-Apr-06	1733	S	7-10	0.0	0.0	1.3	16.6	82.1
			M	17-20	0.0	0.0	1.9	16.0	82.1
			D	24-27	0.0	0.0	1.6	16.1	82.3
	6-Jul-06	1630	S	7-10	0.0	0.0	2.1	17.9	80.0
			M	17-20	0.0	0.0	2.2	17.8	80.0
			D	24-27	0.0	0.0	2.5	17.3	80.2
	3-Oct-06	1630	S	7-10	0.0	0.0	2.8	17.4	79.8
			M	17-20	0.0	0.0	2.5	17.9	79.6
			D	24-27	0.0	0.0	2.8	17.4	79.8
	13-Feb-07	1538	S	7-10	0.0	0.0	2.8	17.2	80.0
			M	17-20	0.0	0.0	5.0	15.5	79.5
			D	24-27	0.0	0.0	5.2	15.4	79.4
	8-May-07	1523	S	7-10	0.0	0.0	1.7	18.3	80.0
			M	17-20	0.0	0.0	1.7	17.6	80.7
			D	24-27	0.0	0.0	2.1	17.3	80.6
	19-Sep-07	1456	S	7-10	0.0	0.0	3.1	17.1	79.8
			M	17-20	0.0	0.0	3.3	16.8	79.9
			D	24-27	0.0	0.0	2.8	17.2	80.0
	18-Dec-07	1517	S	7-10	0.0	0.0	2.5	17.6	79.9
			M	17-20	0.0	0.0	5.6	14.9	79.5
			D	24-27	0.0	0.0	6.5	13.9	79.6
	24-Mar-08	1538	S	7-10	0.0	0.0	2.0	18.5	79.5
			M	17-20	0.0	0.0	1.6	18.7	79.7
			D	24-27	0.0	0.0	2.2	18.2	79.6
	3-Jun-08	1301	S	7-10	0.0	0.0	1.7	17.8	80.5
			M	17-20	0.0	0.0	1.8	17.7	80.5
			D	24-27	0.0	0.0	2.0	17.4	80.6
	24-Sep-08	1650	S	7-10	0.0	0.0	1.8	16.7	81.5
			M	17-20	0.0	0.0	4.5	14.1	81.4
			D	24-27	0.0	0.0	4.2	14.3	81.5
	16-Dec-08	1504	S	7-10	0.0	0.0	3.0	17.3	79.7
			M	17-20	0.0	0.0	4.8	15.5	79.7
			D	24-27	0.0	0.0	3.7	16.3	80.0

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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-11	2-Jun-03	1506	S	7-10	0.0	0.0	3.3	15.8	80.9
			M	17-20	0.0	0.0	5.6	13.8	80.6
			D	27-30	0.0	0.0	7.0	11.3	81.7
	5-Aug-03	1342	S	7-10	0.0	0.0	2.0	18.8	79.2
			M	17-20	0.0	0.0	6.5	14.1	79.4
			D	27-30	0.0	0.0	3.7	16.3	80.0
	5-Nov-03	1249	S	7-10	0.0	0.0	3.1	16.8	80.1
			M	17-20	0.0	0.0	7.5	12.4	80.1
			D	27-30	0.0	0.0	11.3	8.8	79.9
	3-Feb-04	1325	S	7-10	0.0	0.0	4.4	14.7	80.9
			M	17-20	0.0	0.0	7.9	10.9	81.2
			D	27-30	0.0	0.0	12.2	6.7	81.1
	5-May-04	1343	S	7-10	0.0	0.0	1.7	17.3	81.0
			M	17-20	0.0	0.0	4.9	13.5	81.6
			D	27-30	0.0	0.0	2.6	15.7	81.7
	8-Sep-04	1445	S	7-10	0.0	0.0	2.8	16.5	80.7
			M	17-20	0.0	0.0	7.2	12.5	80.3
			D	27-30	0.0	0.0	3.8	15.7	80.5
	22-Dec-04	1322	S	7-10	0.0	0.0	2.3	17.5	80.2
			M	17-20	0.0	0.0	6.5	13.8	79.7
			D	27-30	0.0	0.0	3.9	15.9	80.2
	22-Mar-05	1417	S	7-10	0.0	0.0	4.0	14.2	81.8
			M	17-20	0.0	0.0	4.6	13.6	81.8
			D	27-30	0.0	0.0	6.1	12.3	81.6
	16-Jun-05	1434	S	7-10	0.0	0.0	2.5	16.5	81.0
			M	17-20	0.0	0.0	4.1	14.5	81.4
			D	27-30	0.0	0.0	4.1	14.0	81.9
	7-Sep-05	1354	S	7-10	0.0	0.0	1.9	17.0	81.1
			M	17-20	0.0	0.0	3.9	15.0	81.1
			D	27-30	0.0	0.0	3.1	15.4	81.5
	20-Dec-05	1240	S	7-10	0.0	0.0	2.3	17.1	80.6
			M	17-20	0.0	0.0	4.8	14.4	80.8
			D	27-30	0.0	0.0	4.2	15.0	80.8
	17-Apr-06	1723	S	7-10	0.0	0.0	1.6	16.3	82.1
			M	17-20	0.0	0.0	3.2	14.8	82.0
			D	27-30	0.0	0.0	2.7	15.0	82.3
	6-Jul-06	1620	S	7-10	0.0	0.0	2.0	18.1	79.9
			M	17-20	0.0	0.0	3.9	16.2	79.9
			D	27-30	0.0	0.0	3.5	16.3	80.2
	3-Oct-06	1614	S	7-10	**4.0**	**0.2**	2.5	18.0	79.3
			M	17-20	**4.0**	**0.2**	5.5	14.9	79.4
			D	27-30	**4.0**	**0.2**	3.6	16.5	79.7
	13-Feb-07	1529	S	7-10	0.0	0.0	2.9	17.2	79.9
			M	17-20	0.0	0.0	6.6	14.2	79.2
			D	27-30	0.0	0.0	9.9	10.7	79.4
	8-May-07	1513	S	7-10	0.0	0.0	1.5	18.5	80.0
			M	17-20	0.0	0.0	4.6	15.5	79.9
			D	27-30	0.0	0.0	3.0	16.5	80.5
	19-Sep-07	1630	S	7-10	0.0	0.0	3.3	16.9	79.8
			M	17-20	0.0	0.0	5.4	14.8	79.8
			D	27-30	0.0	0.0	3.6	16.4	80.0
	18-Dec-07	1509	S	7-10	0.0	0.0	2.7	17.5	79.8
			M	17-20	0.0	0.0	7.4	13.2	79.4
			D	27-30	0.0	0.0	8.4	11.9	79.7
	24-Mar-08	1529	S	7-10	0.0	0.0	2.5	18.1	79.4
			M	17-20	0.0	0.0	4.0	16.4	79.6
			D	27-30	0.0	0.0	3.3	17.0	79.7
	3-Jun-08	1452	S	7-10	0.0	0.0	1.7	17.8	80.5
			M	17-20	0.0	0.0	3.3	16.3	80.4
			D	27-30	0.0	0.0	2.6	16.9	80.5
	24-Sep-08	1631	S	7-10	0.0	0.0	1.5	17.2	81.3
			M	17-20	0.0	0.0	4.6	14.2	81.2
			D	27-30	0.0	0.0	3.6	14.9	81.5
	16-Dec-08	1454	S	7-10	0.0	0.0	3.1	17.0	79.9
			M	17-20	0.0	0.0	5.1	15.1	79.8
			D	27-30	0.0	0.0	6.7	13.4	79.9

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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-12	2-Jun-03	1515	S	7-10	0.0	0.0	1.1	18.9	80.0
			M	17-20	0.0	0.0	1.2	18.3	80.5
			D	27-30	0.0	0.0	3.8	15.4	80.8
	5-Aug-03	1349	S	7-10	0.0	0.0	1.4	19.4	79.2
			M	17-20	0.0	0.0	2.5	18.0	79.5
			D	27-30	0.0	0.0	5.6	14.6	79.8
	5-Nov-03	1303	S	7-10	0.0	0.0	1.6	18.8	79.6
			M	17-20	0.0	0.0	4.2	16.3	79.5
			D	27-30	0.0	0.0	7.3	12.9	79.8
	3-Feb-04	1337	S	7-10	0.0	0.0	1.4	18.5	80.1
			M	17-20	0.0	0.0	3.4	16.1	80.5
			D	27-30	0.0	0.0	7.0	12.9	80.1
	5-May-04	1349	S	7-10	0.0	0.0	0.8	18.3	80.9
			M	17-20	0.0	0.0	1.5	17.6	80.9
			D	27-30	0.0	0.0	2.3	16.3	81.4
	8-Sep-04	1450	S	7-10	0.0	0.0	1.4	18.5	80.1
			M	17-20	0.0	0.0	3.8	16.4	79.8
			D	27-30	0.0	0.0	6.9	13.2	79.9
	22-Dec-04	1328	S	7-10	0.0	0.0	1.0	19.0	80.0
			M	17-20	0.0	0.0	2.7	17.1	80.2
			D	27-30	0.0	0.0	3.9	16.4	79.7
	22-Mar-05	1429	S	7-10	0.0	0.0	1.5	17.0	81.5
			M	17-20	0.0	0.0	2.7	15.9	81.4
			D	27-30	0.0	0.0	2.1	16.7	81.2
	16-Jun-05	1445	S	7-10	0.0	0.0	1.1	18.0	80.9
			M	17-20	0.0	0.0	1.9	17.0	81.1
			D	27-30	0.0	0.0	1.0	17.6	81.4
	7-Sep-05	1403	S	7-10	0.0	0.0	1.0	18.0	81.0
			M	17-20	0.0	0.0	2.0	16.9	81.1
			D	27-30	0.0	0.0	1.3	17.4	81.3
	20-Dec-05	1252	S	7-10	0.0	0.0	0.9	18.4	80.7
			M	17-20	0.0	0.0	2.7	16.7	80.6
			D	27-30	0.0	0.0	1.4	17.9	80.7
	17-Apr-06	1714	S	7-10	**2.0**	**0.1**	0.9	17.1	81.9
			M	17-20	0.0	0.0	1.7	16.4	81.9
			D	27-30	**2.0**	**0.1**	1.4	16.6	81.9
	6-Jul-06	1613	S	7-10	0.0	0.0	1.4	18.8	79.8
			M	17-20	0.0	0.0	2.5	17.8	79.7
			D	27-30	0.0	0.0	2.5	17.5	80.0
	3-Oct-06	1604	S	7-10	0.0	0.0	1.7	19.1	79.2
			M	17-20	**6.0**	**0.3**	2.7	17.9	79.1
			D	27-30	0.0	0.0	2.0	18.6	79.4
	13-Feb-07	1522	S	7-10	0.0	0.0	1.3	18.5	80.2
			M	17-20	0.0	0.0	2.9	17.3	79.8
			D	27-30	0.0	0.0	3.5	16.9	79.6
	8-May-07	1507	S	7-10	0.0	0.0	0.8	19.2	80.0
			M	17-20	0.0	0.0	1.3	18.5	80.2
			D	27-30	0.0	0.0	0.6	19.2	80.2
	19-Sep-07	1638	S	7-10	0.0	0.0	2.1	18.3	79.6
			M	17-20	0.0	0.0	3.6	17.7	78.7
			D	27-30	0.0	0.0	2.6	17.6	79.8
	18-Dec-07	1502	S	7-10	0.0	0.0	1.6	18.9	79.5
			M	17-20	0.0	0.0	3.4	17.4	79.2
			D	27-30	0.0	0.0	6.5	14.0	79.5
	24-Mar-08	1523	S	7-10	0.0	0.0	1.5	19.1	79.4
			M	17-20	0.0	0.0	2.0	18.9	79.1
			D	27-30	0.0	0.0	1.2	19.4	79.4
	3-Jun-08	1446	S	7-10	0.0	0.0	1.1	18.5	80.4
			M	17-20	0.0	0.0	1.6	17.9	80.5
			D	27-30	0.0	0.0	2.2	17.2	80.6
	24-Sep-08	1625	S	7-10	0.0	0.0	0.9	17.9	81.2
			M	17-20	0.0	0.0	2.4	16.4	81.2
			D	27-30	0.0	0.0	3.3	15.2	81.5
	16-Dec-08	1448	S	7-10	0.0	0.0	1.8	18.3	79.9
			M	17-20	0.0	0.0	3.2	17.3	79.5
			D	27-30	0.0	0.0	2.8	17.4	79.8

LANDFILL GAS MONITORING RESULTS
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Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-13	2-Jun-03	1523	S	5.5-8.5	0.0	0.0	1.3	18.5	80.2
			M	17-20	0.0	0.0	2.1	17.6	80.3
			D	27-30	0.0	0.0	1.5	18.0	80.5
	5-Aug-03	1356	S	5.5-8.5	0.0	0.0	1.2	19.4	79.4
			M	17-20	0.0	0.0	3.4	16.3	80.3
			D	27-30	0.0	0.0	4.7	15.1	80.2
	5-Nov-03	1311	S	5.5-8.5	0.0	0.0	1.1	19.6	79.3
			M	17-20	0.0	0.0	4.4	15.4	80.2
			D	27-30	0.0	0.0	5.6	14.3	80.1
	3-Feb-04	1344	S	5.5-8.5	0.0	0.0	0.4	19.3	80.3
			M	17-20	0.0	0.0	5.1	14.4	80.5
			D	27-30	0.0	0.0	5.4	14.1	80.5
	5-May-04	1355	S	5.5-8.5	0.0	0.0	0.4	18.6	81.0
			M	17-20	0.0	0.0	2.8	15.4	81.8
			D	27-30	0.0	0.0	4.0	14.5	81.5
	8-Sep-04	1500	S	5.5-8.5	0.0	0.0	0.9	19.1	80.0
			M	17-20	0.0	0.0	4.5	15.0	80.5
			D	27-30	0.0	0.0	5.4	14.6	80.0
	22-Dec-04	1335	S	5.5-8.5	0.0	0.0	1.2	19.0	79.8
			M	17-20	0.0	0.0	3.6	16.2	80.2
			D	27-30	0.0	0.0	4.8	15.0	80.2
	22-Mar-05	1445	S	5.5-8.5	0.0	0.0	1.2	17.3	81.5
			M	17-20	0.0	0.0	3.7	15.0	81.3
			D	27-30	0.0	0.0	0.2	19.0	80.8
	16-Jun-05	1456	S	5.5-8.5	0.0	0.0	1.2	17.4	81.4
			M	17-20	0.0	0.0	3.3	14.8	81.9
			D	27-30	0.0	0.0	0.3	18.8	80.9
	7-Sep-05	1413	S	5.5-8.5	0.0	0.0	1.2	18.1	80.7
			M	17-20	0.0	0.0	3.6	15.2	81.2
			D	27-30	0.0	0.0	0.1	19.0	80.9
	20-Dec-05	1304	S	5.5-8.5	0.0	0.0	0.9	18.8	80.3
			M	17-20	0.0	0.0	4.0	15.5	80.5
			D	27-30	0.0	0.0	0.0	19.4	80.6
	17-Apr-06	1507	S	5.5-8.5	**2.0**	**0.1**	1.1	16.9	81.9
			M	17-20	**2.0**	**0.1**	1.7	16.3	81.9
			D	27-30	**2.0**	**0.1**	1.3	16.7	81.9
	6-Jul-06	1604	S	5.5-8.5	0.0	0.0	1.5	18.8	79.7
			M	17-20	0.0	0.0	3.0	17.0	80.0
			D	27-30	0.0	0.0	0.4	19.3	80.3
	3-Oct-06	1555	S	5.5-8.5	0.0	0.0	1.9	19.0	79.1
			M	17-20	**4.0**	**0.2**	4.6	15.9	79.3
			D	27-30	0.0	0.0	1.6	19.1	79.3
	13-Feb-07	1515	S	5.5-8.5	0.0	0.0	1.2	18.9	79.9
			M	17-20	0.0	0.0	4.5	16.4	79.1
			D	27-30	0.0	0.0	2.3	17.9	79.8
	8-May-07	1500	S	5.5-8.5	0.0	0.0	0.3	20.1	79.6
			M	17-20	0.0	0.0	3.8	16.1	80.1
			D	27-30	0.0	0.0	0.0	20.5	79.5
	19-Sep-07	1644	S	5.5-8.5	0.0	0.0	2.1	18.3	79.6
			M	17-20	0.0	0.0	2.7	17.6	79.7
			D	27-30	0.0	0.0	1.3	18.8	79.9
	18-Dec-07	1454	S	5.5-8.5	0.0	0.0	1.4	19.3	79.3
			M	17-20	0.0	0.0	4.8	16.1	79.1
			D	27-30	0.0	0.0	2.9	17.3	79.8
	24-Mar-08	1517	S	5.5-8.5	0.0	0.0	0.8	19.9	79.3
			M	17-20	0.0	0.0	4.0	16.6	79.4
			D	27-30	0.0	0.0	0.7	19.7	79.6
	3-Jun-08	1439	S	5.5-8.5	0.0	0.0	1.3	18.6	80.1
			M	17-20	0.0	0.0	2.1	17.4	80.5
			D	27-30	0.0	0.0	0.3	19.2	80.5
	24-Sep-08	1617	S	5.5-8.5	0.0	0.0	0.9	18.1	81.0
			M	17-20	0.0	0.0	4.4	14.4	81.2
			D	27-30	0.0	0.0	5.0	13.7	81.3
	16-Dec-08	1442	S	5.5-8.5	0.0	0.0	1.6	18.1	80.3
			M	17-20	0.0	0.0	5.2	15.3	79.5
			D	27-30	0.0	0.0	1.2	18.8	80.0

LANDFILL GAS MONITORING RESULTS
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-14	2-Jun-03	1531	S	6-9	0.0	0.0	1.2	18.7	80.1
			M	17-20	0.0	0.0	1.6	18.2	80.2
			D	27-30	0.0	0.0	1.4	18.6	80.0
	5-Aug-03	1402	S	6-9	0.0	0.0	1.2	19.2	79.6
			M	17-20	0.0	0.0	2.7	17.5	79.8
			D	27-30	0.0	0.0	4.0	16.3	79.7
	5-Nov-03	1318	S	6-9	0.0	0.0	1.5	18.5	80.0
			M	17-20	0.0	0.0	3.2	17.2	79.6
			D	27-30	0.0	0.0	4.8	15.7	79.5
	3-Feb-04	1352	S	6-9	0.0	0.0	1.8	18.0	80.2
			M	17-20	0.0	0.0	2.6	17.2	80.2
			D	27-30	0.0	0.0	4.1	16.0	79.9
	5-May-04	1400	S	6-9	0.0	0.0	0.4	18.3	81.3
			M	17-20	0.0	0.0	1.9	16.9	81.2
			D	27-30	0.0	0.0	3.1	15.6	81.3
	8-Sep-04	1505	S	6-9	0.0	0.0	1.7	18.1	80.2
			M	17-20	0.0	0.0	2.7	17.1	80.2
			D	27-30	0.0	0.0	4.2	16.1	79.7
	22-Dec-04	1342	S	6-9	0.0	0.0	1.1	18.8	80.1
			M	17-20	0.0	0.0	2.7	17.2	80.1
			D	27-30	0.0	0.0	4.6	15.6	79.8
	22-Mar-05	1500	S	6-9	0.0	0.0	1.4	17.0	81.6
			M	17-20	0.0	0.0	2.6	16.1	81.3
			D	27-30	0.0	0.0	1.0	18.1	80.9
	16-Jun-05	1506	S	6-9	0.0	0.0	1.8	16.6	81.6
			M	17-20	0.0	0.0	2.5	15.8	81.7
			D	27-30	0.0	0.0	0.7	18.2	81.1
	7-Sep-05	1424	S	6-9	0.0	0.0	1.2	17.8	81.0
			M	17-20	0.0	0.0	2.8	16.0	81.2
			D	27-30	0.0	0.0	0.5	18.4	81.1
	20-Dec-05	1315	S	6-9	0.0	0.0	1.0	18.1	80.9
			M	17-20	0.0	0.0	2.6	16.6	80.8
			D	27-30	0.0	0.0	0.2	19.2	80.6
	17-Apr-06	1700	S	6-9	**2.0**	**0.1**	1.0	16.9	82.0
			M	17-20	0.0	0.0	2.0	16.0	82.0
			D	27-30	**2.0**	**0.1**	1.1	16.9	81.9
	6-Jul-06	1557	S	6-9	0.0	0.0	1.5	18.5	80.0
			M	17-20	0.0	0.0	3.1	17.1	79.8
			D	27-30	0.0	0.0	0.8	18.9	80.3
	3-Oct-06	1547	S	6-9	0.0	0.0	1.9	19.0	79.1
			M	17-20	**2.0**	**0.1**	3.6	17.1	79.2
			D	27-30	**4.0**	**0.2**	1.4	19.4	79.0
	13-Feb-07	1508	S	6-9	0.0	0.0	1.1	18.8	80.1
			M	17-20	0.0	0.0	3.0	17.5	79.5
			D	27-30	0.0	0.0	1.5	18.5	80.0
	8-May-07	1454	S	6-9	0.0	0.0	0.2	20.1	79.7
			M	17-20	0.0	0.0	2.6	17.2	80.2
			D	27-30	0.0	0.0	0.3	19.8	79.9
	19-Sep-07	1654	S	6-9	0.0	0.0	2.2	18.1	79.7
			M	17-20	0.0	0.0	3.6	16.7	79.7
			D	27-30	0.0	0.0	2.1	18.1	79.8
	18-Dec-07	1448	S	6-9	0.0	0.0	1.4	19.2	79.4
			M	17-20	0.0	0.0	2.6	18.0	79.4
			D	27-30	0.0	0.0	2.2	18.3	79.5
	24-Mar-08	1510	S	6-9	0.0	0.0	1.2	19.6	79.2
			M	17-20	0.0	0.0	2.5	18.1	79.4
			D	27-30	0.0	0.0	1.0	19.7	79.3
	3-Jun-08	1433	S	6-9	0.0	0.0	1.1	18.6	80.3
			M	17-20	0.0	0.0	2.0	17.7	80.3
			D	27-30	0.0	0.0	0.9	18.9	80.2
	24-Sep-08	1611	S	6-9	0.0	0.0	0.9	17.8	81.3
			M	17-20	0.0	0.0	2.7	16.2	81.1
			D	27-30	0.0	0.0	4.0	14.9	81.1
	16-Dec-08	1435	S	6-9	0.0	0.0	1.8	18.5	79.7
			M	17-20	0.0	0.0	2.3	17.9	79.8
			D	27-30	0.0	0.0	1.4	18.7	79.9

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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-15	2-Jun-03	1540	S	6-9	0.0	0.0	1.3	19.0	79.7
			M	17-20	0.0	0.0	2.0	18.1	79.9
			D	27-30	0.0	0.0	1.6	18.4	80.0
	5-Aug-03	1407	S	6-9	0.0	0.0	0.9	19.7	79.4
			M	17-20	0.0	0.0	2.3	18.0	79.7
			D	27-30	0.0	0.0	2.9	17.7	79.4
	5-Nov-03	1325	S	6-9	0.0	0.0	0.9	18.8	80.3
			M	17-20	0.0	0.0	2.8	17.6	79.6
			D	27-30	0.0	0.0	3.4	17.0	79.6
	3-Feb-04	1359	S	6-9	0.0	0.0	1.6	18.5	79.9
			M	17-20	0.0	0.0	2.4	17.6	80.0
			D	27-30	0.0	0.0	2.9	17.2	79.9
	5-May-04	1405	S	6-9	0.0	0.0	0.4	19.0	80.6
			M	17-20	0.0	0.0	1.6	17.4	81.0
			D	27-30	0.0	0.0	2.2	16.7	81.1
	8-Sep-04	1515	S	6-9	0.0	0.0	1.3	18.5	80.2
			M	17-20	0.0	0.0	2.5	17.5	80.0
			D	27-30	0.0	0.0	2.9	16.9	80.2
	22-Dec-04	1349	S	6-9	0.0	0.0	1.1	19.3	79.6
			M	17-20	0.0	0.0	2.3	17.8	79.9
			D	27-30	0.0	0.0	3.4	16.9	79.7
	22-Mar-05	1513	S	6-9	0.0	0.0	1.2	17.2	81.6
			M	17-20	0.0	0.0	1.1	17.9	81.0
			D	27-30	0.0	0.0	2.1	16.7	81.2
	16-Jun-05	1519	S	6-9	0.0	0.0	1.2	16.8	82.0
			M	17-20	0.0	0.0	1.0	17.8	81.2
			D	27-30	0.0	0.0	1.2	17.1	81.7
	7-Sep-05	1433	S	6-9	0.0	0.0	1.5	17.4	81.1
			M	17-20	0.0	0.0	0.9	18.1	81.0
			D	27-30	0.0	0.0	1.6	17.2	81.2
	20-Dec-05	1330	S	6-9	0.0	0.0	1.0	18.4	80.6
			M	17-20	0.0	0.0	0.3	19.0	80.7
			D	27-30	0.0	0.0	2.6	16.5	80.9
	17-Apr-06	1654	S	6-9	0.0	0.0	1.2	17.0	81.8
			M	17-20	0.0	0.0	0.9	17.3	81.8
			D	27-30	**2.0**	**0.1**	1.4	16.4	82.1
	6-Jul-06	1550	S	6-9	0.0	0.0	1.7	18.5	79.8
			M	17-20	0.0	0.0	2.3	17.9	79.8
			D	27-30	0.0	0.0	2.1	18.0	79.9
	3-Oct-06	1539	S	6-9	**4.0**	**0.2**	2.4	18.6	78.8
			M	17-20	0.0	0.0	2.7	18.1	79.2
			D	27-30	**2.0**	**0.1**	3.1	17.5	79.3
	13-Feb-07	1502	S	6-9	0.0	0.0	1.1	19.0	79.9
			M	17-20	0.0	0.0	1.3	18.8	79.9
			D	27-30	0.0	0.0	3.2	17.6	79.2
	8-May-07	1448	S	6-9	0.0	0.0	0.5	20.0	79.5
			M	17-20	0.0	0.0	0.6	19.3	80.1
			D	27-30	0.0	0.0	2.9	17.1	80.0
	19-Sep-07	1702	S	6-9	0.0	0.0	3.1	17.3	79.6
			M	17-20	0.0	0.0	1.7	18.7	79.6
			D	27-30	0.0	0.0	3.1	17.3	79.6
	18-Dec-07	1441	S	6-9	0.0	0.0	1.8	19.0	79.2
			M	17-20	0.0	0.0	2.3	18.2	79.5
			D	27-30	0.0	0.0	3.6	17.2	79.2
	24-Mar-08	1503	S	6-9	0.0	0.0	1.2	19.7	79.1
			M	17-20	0.0	0.0	1.1	19.7	79.2
			D	27-30	0.0	0.0	2.8	18.0	79.2
	3-Jun-08	1425	S	6-9	0.0	0.0	1.2	18.8	80.0
			M	17-20	0.0	0.0	0.5	19.3	80.2
			D	27-30	0.0	0.0	1.6	18.1	80.3
	24-Sep-08	1605	S	6-9	0.0	0.0	1.0	18.0	81.0
			M	17-20	0.0	0.0	2.3	16.7	81.0
			D	27-30	0.0	0.0	2.9	16.1	81.0
	16-Dec-08	1425	S	6-9	0.0	0.0	2.1	18.1	79.8
			M	17-20	0.0	0.0	2.3	18.0	79.7
			D	27-30	0.0	0.0	2.4	17.9	79.7

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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-16	2-Jun-03	1548	S	6-9	0.0	0.0	1.3	18.7	80.0
			M	17-20	0.0	0.0	1.4	18.7	79.9
			D	27-30	0.0	0.0	3.4	16.5	80.1
	5-Aug-03	1415	S	6-9	0.0	0.0	1.2	18.7	80.1
			M	17-20	0.0	0.0	2.5	17.4	80.1
			D	27-30	0.0	0.0	3.2	16.8	80.0
	5-Nov-03	1331	S	6-9	0.0	0.0	1.2	18.3	80.5
			M	17-20	0.0	0.0	3.0	17.3	79.7
			D	27-30	0.0	0.0	3.8	16.6	79.6
	3-Feb-04	1404	S	6-9	0.0	0.0	2.4	17.5	80.1
			M	17-20	0.0	0.0	2.8	17.2	80.0
			D	27-30	0.0	0.0	3.1	16.8	80.1
	5-May-04	1411	S	6-9	0.0	0.0	0.4	18.6	81.0
			M	17-20	0.0	0.0	1.7	17.1	81.2
			D	27-30	0.0	0.0	2.5	16.2	81.3
	8-Sep-04	1520	S	6-9	0.0	0.0	1.5	17.7	80.8
			M	17-20	0.0	0.0	2.7	17.1	80.2
			D	27-30	0.0	0.0	3.3	16.5	80.2
	22-Dec-04	1355	S	6-9	0.0	0.0	1.7	18.4	79.9
			M	17-20	0.0	0.0	2.1	17.9	80.0
			D	27-30	0.0	0.0	3.3	16.8	79.9
	22-Mar-05	1525	S	6-9	0.0	0.0	1.2	16.9	81.9
			M	17-20	0.0	0.0	1.3	17.6	81.1
			D	27-30	0.0	0.0	3.4	15.5	81.1
	16-Jun-05	1529	S	6-9	0.0	0.0	1.5	16.1	82.4
			M	17-20	0.0	0.0	0.7	17.8	81.5
			D	27-30	0.0	0.0	2.8	15.3	81.9
	7-Sep-05	1442	S	6-9	0.0	0.0	1.1	17.4	81.5
			M	17-20	0.0	0.0	1.3	17.6	81.1
			D	27-30	0.0	0.0	1.3	17.6	81.1
	20-Dec-05	1340	S	6-9	0.0	0.0	0.8	18.0	81.2
			M	17-20	0.0	0.0	1.4	17.9	80.7
			D	27-30	0.0	0.0	3.7	15.6	80.7
	17-Apr-06	1647	S	6-9	0.0	0.0	1.2	16.8	82.0
			M	17-20	**2.0**	**0.1**	1.3	16.8	81.8
			D	27-30	**2.0**	**0.1**	3.4	14.8	81.7
	6-Jul-06	1544	S	6-9	0.0	0.0	1.6	18.6	79.8
			M	17-20	0.0	0.0	1.4	18.5	80.1
			D	27-30	0.0	0.0	2.2	17.8	80.0
	3-Oct-06	1530	S	6-9	0.0	0.0	1.7	19.1	79.2
			M	17-20	0.0	0.0	0.9	19.7	79.4
			D	27-30	0.0	0.0	2.7	18.0	79.3
	13-Feb-07	1453	S	6-9	0.0	0.0	1.3	18.8	79.9
			M	17-20	0.0	0.0	1.5	18.6	79.9
			D	27-30	0.0	0.0	3.7	17.0	79.3
	8-May-07	1443	S	6-9	0.0	0.0	0.6	19.6	79.8
			M	17-20	0.0	0.0	0.1	20.4	79.5
			D	27-30	0.0	0.0	3.0	16.7	80.3
	19-Sep-07	1709	S	6-9	0.0	0.0	2.4	18.1	79.5
			M	17-20	0.0	0.0	1.8	18.6	79.6
			D	27-30	0.0	0.0	4.2	16.1	79.7
	18-Dec-07	1434	S	6-9	0.0	0.0	1.8	18.7	79.5
			M	17-20	0.0	0.0	3.0	17.7	79.3
			D	27-30	0.0	0.0	4.0	16.6	79.4
	24-Mar-08	1457	S	6-9	0.0	0.0	1.2	19.5	79.3
			M	17-20	0.0	0.0	0.6	20.1	79.3
			D	27-30	0.0	0.0	1.5	19.1	79.4
	3-Jun-08	1416	S	6-9	0.0	0.0	1.3	18.6	80.1
			M	17-20	0.0	0.0	0.9	18.9	80.2
			D	27-30	0.0	0.0	2.2	17.5	80.3
	24-Sep-08	1559	S	6-9	0.0	0.0	1.1	17.9	81.0
			M	17-20	0.0	0.0	2.3	16.6	81.1
			D	27-30	0.0	0.0	3.5	15.5	81.0
	16-Dec-08	1419	S	6-9	0.0	0.0	2.4	18.0	79.6
			M	17-20	0.0	0.0	2.9	17.5	79.6
			D	27-30	0.0	0.0	4.3	16.3	79.4

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-17	2-Jun-03	1557	S	6-9	0.0	0.0	1.0	19.0	80.0
			M	17-20	0.0	0.0	1.4	18.7	79.9
			D	27-30	0.0	0.0	2.4	17.5	80.1
	5-Aug-03	1423	S	6-9	0.0	0.0	0.5	19.3	80.2
			M	17-20	0.0	0.0	1.7	18.2	80.1
			D	27-30	0.0	0.0	2.7	17.4	79.9
	5-Nov-03	1338	S	6-9	0.0	0.0	0.4	20.0	79.6
			M	17-20	0.0	0.0	0.7	19.7	79.6
			D	27-30	0.0	0.0	3.3	17.1	79.6
	3-Feb-04	1412	S	6-9	0.0	0.0	2.4	17.5	80.1
			M	17-20	0.0	0.0	2.7	17.3	80.0
			D	27-30	0.0	0.0	2.9	17.2	79.9
	5-May-04	1416	S	6-9	0.0	0.0	0.4	18.5	81.1
			M	17-20	0.0	0.0	1.5	17.4	81.1
			D	27-30	0.0	0.0	2.2	16.9	80.9
	8-Sep-04	1535	S	6-9	0.0	0.0	0.8	17.8	81.4
			M	17-20	0.0	0.0	2.2	17.4	80.4
			D	27-30	0.0	0.0	2.8	17.1	80.1
	22-Dec-04	1400	S	6-9	0.0	0.0	1.3	19.1	79.6
			M	17-20	0.0	0.0	1.0	19.3	79.7
			D	27-30	0.0	0.0	2.9	17.4	79.7
	22-Mar-05	1535	S	6-9	0.0	0.0	0.4	17.6	82.0
			M	17-20	0.0	0.0	0.2	19.1	80.7
			D	27-30	0.0	0.0	1.0	18.1	80.9
	16-Jun-05	1539	S	6-9	0.0	0.0	0.8	16.6	82.6
			M	17-20	0.0	0.0	0.3	18.7	81.0
			D	27-30	0.0	0.0	0.5	18.1	81.4
	7-Sep-05	1452	S	6-9	0.0	0.0	0.3	18.3	81.4
			M	17-20	0.0	0.0	0.3	18.8	80.9
			D	27-30	0.0	0.0	0.7	18.4	80.9
	20-Dec-05	1349	S	6-9	0.0	0.0	0.2	18.7	81.1
			M	17-20	0.0	0.0	0.0	19.3	80.7
			D	27-30	0.0	0.0	0.2	19.2	80.6
	17-Apr-06	1640	S	6-9	0.0	0.0	0.9	17.0	82.1
			M	17-20	0.0	0.0	1.2	17.2	81.6
			D	27-30	0.0	0.0	0.7	17.4	81.9
	6-Jul-06	1536	S	6-9	0.0	0.0	0.7	19.2	80.1
			M	17-20	0.0	0.0	0.6	19.3	80.1
			D	27-30	0.0	0.0	0.6	19.3	80.1
	3-Oct-06	1514	S	6-9	**4.0**	**0.2**	0.8	19.8	79.2
			M	17-20	0.0	0.0	0.6	20.3	79.1
			D	27-30	0.0	0.0	0.6	19.9	79.5
	13-Feb-07	1446	S	6-9	0.0	0.0	1.3	19.3	79.4
			M	17-20	0.0	0.0	2.1	18.3	79.6
			D	27-30	0.0	0.0	2.4	18.1	79.5
	8-May-07	1436	S	6-9	0.0	0.0	0.1	20.5	79.4
			M	17-20	0.0	0.0	0.0	20.6	79.4
			D	27-30	0.0	0.0	0.0	20.6	79.4
	19-Sep-07	1715	S	6-9	0.0	0.0	1.6	18.7	79.7
			M	17-20	0.0	0.0	1.1	19.3	79.6
			D	27-30	0.0	0.0	0.8	19.4	79.8
	18-Dec-07	1429	S	6-9	0.0	0.0	1.2	19.2	79.6
			M	17-20	0.0	0.0	0.4	19.8	79.8
			D	27-30	0.0	0.0	0.4	20.0	79.6
	24-Mar-08	1451	S	6-9	0.0	0.0	0.3	20.3	79.4
			M	17-20	0.0	0.0	0.1	20.6	79.3
			D	27-30	0.0	0.0	0.1	20.8	79.1
	3-Jun-08	1410	S	6-9	0.0	0.0	1.9	17.3	80.8
			M	17-20	0.0	0.0	0.8	18.9	80.3
			D	27-30	0.0	0.0	0.7	19.1	80.2
	24-Sep-08	1552	S	6-9	0.0	0.0	0.3	18.6	81.1
			M	17-20	0.0	0.0	0.7	18.2	81.1
			D	27-30	0.0	0.0	1.5	17.5	81.0
	16-Dec-08	1413	S	6-9	0.0	0.0	1.8	18.1	80.1
			M	17-20	0.0	0.0	0.8	19.1	80.1
			D	27-30	0.0	0.0	0.5	19.6	79.9

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-18	2-Jun-03	1605	S	7-10	0.0	0.0	1.0	19.3	79.7
			M	17-20	0.0	0.0	1.5	18.7	79.8
			D	27-30	0.0	0.0	1.3	18.6	80.1
	5-Aug-03	1432	S	7-10	0.0	0.0	1.1	19.3	79.6
			M	17-20	0.0	0.0	1.4	19.1	79.5
			D	27-30	0.0	0.0	1.8	18.4	79.8
	5-Nov-03	1345	S	7-10	0.0	0.0	1.3	19.1	79.6
			M	17-20	0.0	0.0	1.7	18.8	79.5
			D	27-30	0.0	0.0	2.2	18.2	79.6
	3-Feb-04	1418	S	7-10	0.0	0.0	1.1	19.2	79.7
			M	17-20	0.0	0.0	1.3	18.9	79.8
			D	27-30	0.0	0.0	1.7	18.5	79.8
	5-May-04	1425	S	7-10	0.0	0.0	0.3	19.2	80.5
			M	17-20	0.0	0.0	0.8	18.9	80.3
			D	27-30	0.0	0.0	1.3	18.1	80.6
	8-Sep-04	1545	S	7-10	0.0	0.0	1.2	18.9	79.9
			M	17-20	0.0	0.0	1.4	18.6	80.0
			D	27-30	0.0	0.0	1.8	18.2	80.0
	22-Dec-04	1407	S	7-10	0.0	0.0	0.4	19.7	79.9
			M	17-20	0.0	0.0	1.3	18.8	79.9
			D	27-30	0.0	0.0	2.0	18.3	79.7
	22-Mar-05	1546	S	7-10	0.0	0.0	1.0	18.1	80.9
			M	17-20	0.0	0.0	1.3	17.8	80.9
			D	27-30	0.0	0.0	0.3	19.1	80.6
	16-Jun-05	1550	S	7-10	0.0	0.0	1.1	17.6	81.3
			M	17-20	0.0	0.0	1.2	17.5	81.3
			D	27-30	0.0	0.0	0.2	18.5	81.3
	7-Sep-05	1502	S	7-10	0.0	0.0	0.8	18.3	80.9
			M	17-20	0.0	0.0	1.4	17.6	81.0
			D	27-30	0.0	0.0	0.2	18.8	81.0
	20-Dec-05	1400	Sample Ports Inoperable, Could Not Read						
	17-Apr-06	1633	S	7-10	0.0	0.0	1.1	17.3	81.6
			M	17-20	0.0	0.0	0.7	17.5	81.8
			D	27-30	0.0	0.0	1.4	16.8	81.8
	6-Jul-06	1528	S	7-10	0.0	0.0	1.4	19.0	79.6
			M	17-20	0.0	0.0	0.5	19.4	80.1
			D	27-30	0.0	0.0	0.3	19.4	80.3
	3-Oct-06	1522	S	7-10	0.0	0.0	1.9	19.1	79.0
			M	17-20	**4.0**	**0.2**	0.7	20.1	79.0
			D	27-30	0.0	0.0	0.2	20.3	79.5
	13-Feb-07	1440	S	7-10	0.0	0.0	1.1	19.2	79.7
			M	17-20	0.0	0.0	0.8	19.5	79.7
			D	27-30	0.0	0.0	1.6	18.8	79.6
	8-May-07	1430	S	7-10	0.0	0.0	0.5	19.6	79.9
			M	17-20	0.0	0.0	0.0	20.8	79.2
			D	27-30	0.0	0.0	0.2	20.1	79.7
	19-Sep-07	1721	S	7-10	0.0	0.0	2.4	18.4	79.2
			M	17-20	0.0	0.0	2.7	18.0	79.3
			D	27-30	0.0	0.0	0.5	19.8	79.7
	18-Dec-07	1422	S	7-10	0.0	0.0	1.0	19.4	79.6
			M	17-20	0.0	0.0	0.4	19.8	79.8
			D	27-30	0.0	0.0	0.2	20.2	79.6
	24-Mar-08	1445	S	7-10	0.0	0.0	1.2	19.9	78.9
			M	17-20	0.0	0.0	0.2	20.7	79.1
			D	27-30	0.0	0.0	0.0	20.9	79.1
	3-Jun-08	1402	S	7-10	0.0	0.0	1.3	18.7	80.0
			M	17-20	0.0	0.0	0.4	19.5	80.1
			D	27-30	0.0	0.0	1.2	18.6	80.2
	24-Sep-08	1545	S	7-10	0.0	0.0	1.0	18.0	81.0
			M	17-20	0.0	0.0	1.5	17.6	80.9
			D	27-30	0.0	0.0	1.9	17.1	81.0
	16-Dec-08	1407	S	7-10	0.0	0.0	1.9	18.5	79.6
			M	17-20	0.0	0.0	0.5	19.4	80.1
			D	27-30	0.0	0.0	0.6	19.5	79.9

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-19	2-Jun-03	1614	S	7-10	0.0	0.0	0.2	19.9	79.9
			M	16-19	0.0	0.0	0.3	19.3	80.4
			D	23-26	0.0	0.0	0.2	19.6	80.2
	5-Aug-03	1443	S	7-10	0.0	0.0	0.3	19.7	80.0
			M	16-19	0.0	0.0	0.2	19.4	80.4
			D	23-26	0.0	0.0	0.4	19.3	80.3
	5-Nov-03	1352	S	7-10	0.0	0.0	0.4	19.9	79.7
			M	16-19	0.0	0.0	0.4	19.9	79.7
			D	23-26	0.0	0.0	0.6	19.4	80.0
	3-Feb-04	1424	S	7-10	0.0	0.0	0.1	19.7	80.2
			M	16-19	0.0	0.0	0.2	19.7	80.1
			D	23-26	0.0	0.0	0.3	19.7	80.0
	5-May-04	1433	S	7-10	0.0	0.0	0.0	19.6	80.4
			M	16-19	0.0	0.0	0.0	19.4	80.6
			D	23-26	0.0	0.0	0.1	19.2	80.7
	8-Sep-04	1550	S	7-10	0.0	0.0	0.4	19.6	80.0
			M	16-19	0.0	0.0	0.4	19.1	80.5
			D	23-26	0.0	0.0	0.4	19.5	80.1
	22-Dec-04	1416	S	7-10	0.0	0.0	0.2	20.2	79.6
			M	16-19	0.0	0.0	0.4	20.1	79.5
			D	23-26	0.0	0.0	0.3	20.2	79.5
	22-Mar-05	1557	S	7-10	0.0	0.0	0.2	18.9	80.9
			M	16-19	0.0	0.0	0.1	19.1	80.8
			D	23-26	0.0	0.0	0.1	19.2	80.7
	16-Jun-05	1601	S	7-10	0.0	0.0	0.3	18.5	81.2
			M	16-19	0.0	0.0	0.1	18.4	81.5
			D	23-26	0.0	0.0	0.0	19.2	80.8
	7-Sep-05	1511	S	7-10	0.0	0.0	0.4	18.5	81.1
			M	16-19	0.0	0.0	0.2	18.7	81.1
			D	23-26	0.0	0.0	0.1	19.0	80.9
	20-Dec-05	1404	S	7-10	0.0	0.0	0.3	18.9	80.8
			M	16-19	0.0	0.0	0.1	19.3	80.6
			D	23-26	0.0	0.0	0.0	19.3	80.7
	17-Apr-06	1623	S	7-10	0.0	0.0	0.3	17.8	81.9
			M	16-19	0.0	0.0	0.3	17.8	81.9
			D	23-26	0.0	0.0	0.3	17.9	81.8
	6-Jul-06	1520	S	7-10	0.0	0.0	0.7	19.4	79.9
			M	16-19	0.0	0.0	0.3	19.5	80.2
			D	23-26	0.0	0.0	0.2	19.7	80.1
	3-Oct-06	1503	S	7-10	0.0	0.0	0.8	19.8	79.4
			M	16-19	0.0	0.0	0.6	19.8	79.6
			D	23-26	0.0	0.0	0.3	20.3	79.4
	13-Feb-07	1433	S	7-10	0.0	0.0	0.3	20.1	79.6
			M	16-19	0.0	0.0	0.3	19.8	79.9
			D	23-26	0.0	0.0	0.4	19.8	79.8
	8-May-07	1424	S	7-10	0.0	0.0	0.1	20.3	79.6
			M	16-19	0.0	0.0	0.0	20.5	79.5
			D	23-26	0.0	0.0	0.0	20.8	79.2
	19-Sep-07	1728	S	7-10	0.0	0.0	1.1	19.3	79.6
			M	16-19	0.0	0.0	0.8	19.3	79.9
			D	23-26	0.0	0.0	0.6	19.5	79.9
	18-Dec-07	1415	S	7-10	0.0	0.0	0.6	19.8	79.6
			M	16-19	0.0	0.0	1.1	19.3	79.6
			D	23-26	0.0	0.0	0.3	20.0	79.7
	24-Mar-08	1439	S	7-10	0.0	0.0	0.4	20.4	79.2
			M	16-19	0.0	0.0	0.8	20.0	79.2
			D	23-26	0.0	0.0	0.9	19.8	79.3
	3-Jun-08	1352	S	7-10	0.0	0.0	0.4	19.5	80.1
			M	16-19	0.0	0.0	0.3	19.5	80.2
			D	23-26	0.0	0.0	0.1	19.6	80.3
	24-Sep-08	1540	S	7-10	0.0	0.0	0.4	18.5	81.1
			M	16-19	0.0	0.0	0.4	18.3	81.3
			D	23-26	0.0	0.0	0.8	18.0	81.2
	16-Dec-08	1402	S	7-10	0.0	0.0	0.8	19.2	80.0
			M	16-19	0.0	0.0	0.9	19.3	79.8
			D	23-26	0.0	0.0	0.5	19.5	80.0

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-20	2-Jun-03	1622	S	7-10	0.0	0.0	0.1	19.7	80.2
			M	17-20	0.0	0.0	0.0	19.7	80.3
			D	27-30	0.0	0.0	0.1	19.4	80.5
	5-Aug-03	1448	S	7-10	0.0	0.0	0.2	19.3	80.5
			M	17-20	0.0	0.0	0.2	19.4	80.4
			D	27-30	0.0	0.0	0.1	19.5	80.4
	5-Nov-03	1359	S	7-10	0.0	0.0	0.3	19.9	79.8
			M	17-20	0.0	0.0	0.4	19.8	79.8
			D	27-30	0.0	0.0	0.4	19.6	80.0
	3-Feb-04	1430	S	7-10	0.0	0.0	0.0	20.2	79.8
			M	17-20	0.0	0.0	0.0	20.2	79.8
			D	27-30	0.0	0.0	0.1	19.9	80.0
	5-May-04	1440	S	7-10	0.0	0.0	0.0	20.0	80.0
			M	17-20	0.0	0.0	0.0	19.7	80.3
			D	27-30	0.0	0.0	0.0	19.6	80.4
	8-Sep-04	1557	S	7-10	0.0	0.0	0.2	19.6	80.2
			M	17-20	0.0	0.0	0.3	19.5	80.2
			D	27-30	0.0	0.0	0.2	19.6	80.2
	22-Dec-04	1421	S	7-10	0.0	0.0	0.1	20.2	79.7
			M	17-20	0.0	0.0	0.3	20.0	79.7
			D	27-30	0.0	0.0	0.3	19.7	80.0
	22-Mar-05	1607	S	7-10	0.0	0.0	0.2	18.9	80.9
			M	17-20	0.0	0.0	0.1	19.1	80.8
			D	27-30	0.0	0.0	0.0	19.2	80.8
	16-Jun-05	1613	S	7-10	0.0	0.0	0.2	18.4	81.4
			M	17-20	0.0	0.0	0.1	18.5	81.4
			D	27-30	0.0	0.0	0.0	18.8	81.2
	7-Sep-05	1520	S	7-10	0.0	0.0	0.3	18.5	81.2
			M	17-20	0.0	0.0	0.2	18.6	81.2
			D	27-30	0.0	0.0	0.2	18.3	81.5
	20-Dec-05	1415	S	7-10	0.0	0.0	0.2	19.1	80.7
			M	17-20	0.0	0.0	0.1	19.1	80.8
			D	27-30	0.0	0.0	0.1	18.9	81.0
	17-Apr-06	1616	S	7-10	0.0	0.0	0.1	18.0	81.9
			M	17-20	0.0	0.0	0.1	18.1	81.8
			D	27-30	0.0	0.0	0.2	17.7	82.1
	6-Jul-06	1514	S	7-10	0.0	0.0	0.5	19.3	80.2
			M	17-20	0.0	0.0	0.3	19.4	80.3
			D	27-30	0.0	0.0	0.2	19.4	80.4
	3-Oct-06	1455	S	7-10	0.0	0.0	0.7	19.8	79.5
			M	17-20	0.0	0.0	0.4	19.9	79.7
			D	27-30	0.0	0.0	0.7	19.3	80.0
	13-Feb-07	1422	S	7-10	0.0	0.0	0.2	20.1	79.7
			M	17-20	0.0	0.0	0.2	20.0	79.8
			D	27-30	0.0	0.0	0.2	19.6	80.2
	8-May-07	1417	S	7-10	0.0	0.0	0.1	20.3	79.6
			M	17-20	0.0	0.0	0.0	20.8	79.2
			D	27-30	0.0	0.0	0.1	20.3	79.6
	19-Sep-07	1734	S	7-10	0.0	0.0	0.9	19.3	79.8
			M	17-20	0.0	0.0	0.8	19.3	79.9
			D	27-30	0.0	0.0	0.6	19.3	80.1
	18-Dec-07	1408	S	7-10	**2.0**	**0.1**	0.5	19.8	79.6
			M	17-20	0.0	0.0	0.3	20.1	79.6
			D	27-30	**2.0**	**0.1**	0.6	19.6	79.7
	24-Mar-08	1433	S	7-10	0.0	0.0	0.3	20.7	79.0
			M	17-20	0.0	0.0	0.1	20.8	79.1
			D	27-30	0.0	0.0	0.0	21.0	79.0
	3-Jun-08	1346	S	7-10	0.0	0.0	0.2	19.4	80.4
			M	17-20	0.0	0.0	0.1	19.7	80.2
			D	27-30	0.0	0.0	0.1	19.6	80.3
	24-Sep-08	1533	S	7-10	0.0	0.0	0.2	18.6	81.2
			M	17-20	0.0	0.0	0.4	18.2	81.4
			D	27-30	0.0	0.0	0.4	18.1	81.5
	16-Dec-08	1356	S	7-10	0.0	0.0	0.5	19.3	80.2
			M	17-20	0.0	0.0	0.4	19.4	80.2
			D	27-30	0.0	0.0	0.5	19.4	80.1

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-21	2-Jun-03	1630	S	8-11	0.0	0.0	0.0	20.1	79.9
			M	17-20	0.0	0.0	0.0	20.2	79.8
			D	27-30	0.0	0.0	0.0	20.3	79.7
	5-Aug-03	1505	S	8-11	0.0	0.0	0.0	20.1	79.9
			M	17-20	0.0	0.0	0.0	20.2	79.8
			D	27-30	0.0	0.0	0.1	20.2	79.7
	5-Nov-03	1410	S	8-11	0.0	0.0	0.1	20.3	79.6
			M	17-20	0.0	0.0	0.2	20.1	79.7
			D	27-30	0.0	0.0	0.3	19.9	79.8
	3-Feb-04	1436	S	8-11	0.0	0.0	0.0	20.3	79.7
			M	17-20	0.0	0.0	0.0	20.3	79.7
			D	27-30	0.0	0.0	0.0	20.2	79.8
	5-May-04	1448	S	8-11	0.0	0.0	0.0	20.1	79.9
			M	17-20	0.0	0.0	0.0	20.1	79.9
			D	27-30	0.0	0.0	0.0	20.1	79.9
	8-Sep-04	1605	S	8-11	0.0	0.0	0.2	19.9	79.9
			M	17-20	0.0	0.0	0.1	19.8	80.1
			D	27-30	0.0	0.0	0.1	19.7	80.2
	22-Dec-04	1429	S	8-11	0.0	0.0	0.1	20.0	79.9
			M	17-20	0.0	0.0	0.1	20.1	79.8
			D	27-30	0.0	0.0	0.1	20.0	79.9
	22-Mar-05	1618	S	8-11	0.0	0.0	0.1	19.0	80.9
			M	17-20	0.0	0.0	0.1	19.2	80.7
			D	27-30	0.0	0.0	0.0	19.2	80.8
	16-Jun-05	1625	S	8-11	0.0	0.0	0.1	18.8	81.1
			M	17-20	0.0	0.0	0.1	18.9	81.0
			D	27-30	0.0	0.0	0.0	19.0	81.0
	7-Sep-05	1532	S	8-11	0.0	0.0	0.2	18.6	81.2
			M	17-20	0.0	0.0	0.1	18.9	81.0
			D	27-30	0.0	0.0	0.0	19.0	81.0
	20-Dec-05	1423	S	8-11	0.0	0.0	0.1	19.1	80.8
			M	17-20	0.0	0.0	0.0	19.1	80.9
			D	27-30	0.0	0.0	0.0	19.1	80.9
	17-Apr-06	1555	S	8-11	0.0	0.0	0.1	18.2	81.7
			M	17-20	0.0	0.0	0.0	18.2	81.8
			D	27-30	0.0	0.0	0.0	18.2	81.8
	6-Jul-06	1507	S	8-11	0.0	0.0	0.4	19.4	80.2
			M	17-20	0.0	0.0	0.2	19.7	80.1
			D	27-30	0.0	0.0	0.2	19.7	80.1
	3-Oct-06	1447	S	8-11	0.0	0.0	0.7	20.1	79.2
			M	17-20	0.0	0.0	0.3	20.3	79.4
			D	27-30	0.0	0.0	0.2	20.3	79.5
	13-Feb-07	1414	S	8-11	0.0	0.0	0.2	20.0	79.8
			M	17-20	0.0	0.0	0.2	20.2	79.6
			D	27-30	0.0	0.0	0.1	20.2	79.7
	8-May-07	1411	S	8-11	0.0	0.0	0.0	20.6	79.4
			M	17-20	0.0	0.0	0.0	20.8	79.2
			D	27-30	0.0	0.0	0.0	20.6	79.4
	19-Sep-07	1740	S	8-11	0.0	0.0	0.7	19.3	80.0
			M	17-20	0.0	0.0	0.3	18.7	81.0
			D	27-30	0.0	0.0	0.3	18.7	81.0
	18-Dec-07	1402	S	8-11	0.0	0.0	0.3	20.0	79.7
			M	17-20	0.0	0.0	0.5	19.8	79.7
			D	27-30	0.0	0.0	0.4	19.7	79.9
	24-Mar-08	1426	S	8-11	0.0	0.0	0.2	20.4	79.4
			M	17-20	0.0	0.0	0.0	20.8	79.2
			D	27-30	0.0	0.0	0.0	20.7	79.3
	3-Jun-08	1341	S	8-11	0.0	0.0	0.1	19.5	80.4
			M	17-20	0.0	0.0	0.0	19.7	80.3
			D	27-30	0.0	0.0	0.0	19.8	80.2
	24-Sep-08	1527	S	8-11	0.0	0.0	0.2	18.8	81.0
			M	17-20	0.0	0.0	0.1	18.9	81.0
			D	27-30	0.0	0.0	0.2	18.5	81.3
	16-Dec-08	1351	S	8-11	0.0	0.0	0.4	19.4	80.2
			M	17-20	0.0	0.0	0.4	19.4	80.2
			D	27-30	0.0	0.0	0.3	19.6	80.1

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-22	16-Jul-03	1410	S	6.5-9.5	0.0	0.0	0.5	19.5	80.0
			M	16.5-19.5	0.0	0.0	0.6	19.3	80.1
			D	27-30	0.0	0.0	0.5	18.9	80.6
	5-Aug-03	1528	S	6.5-9.5	0.0	0.0	0.5	19.2	80.3
			M	16.5-19.5	0.0	0.0	0.4	19.2	80.4
			D	27-30	0.0	0.0	0.3	19.1	80.6
	5-Nov-03	1423	S	6.5-9.5	0.0	0.0	0.7	19.0	80.3
			M	16.5-19.5	0.0	0.0	0.6	19.3	80.1
			D	27-30	0.0	0.0	0.5	19.3	80.2
	3-Feb-04	1458	S	6.5-9.5	0.0	0.0	0.0	20.2	79.8
			M	16.5-19.5	0.0	0.0	0.1	19.9	80.0
			D	27-30	0.0	0.0	0.2	19.7	80.1
	5-May-04	1509	S	6.5-9.5	0.0	0.0	0.0	19.6	80.4
			M	16.5-19.5	0.0	0.0	0.0	19.6	80.4
			D	27-30	0.0	0.0	0.0	19.5	80.5
	8-Sep-04	1615	S	6.5-9.5	0.0	0.0	1.0	18.3	80.7
			M	16.5-19.5	0.0	0.0	0.4	19.1	80.5
			D	27-30	0.0	0.0	0.3	19.0	80.7
	22-Dec-04	1435	S	6.5-9.5	0.0	0.0	0.2	19.9	79.9
			M	16.5-19.5	0.0	0.0	0.3	19.7	80.0
			D	27-30	0.0	0.0	0.3	19.6	80.1
	22-Mar-05	1634	S	6.5-9.5	0.0	0.0	0.2	19.0	80.8
			M	16.5-19.5	0.0	0.0	0.1	19.0	80.9
			D	27-30	0.0	0.0	0.3	18.6	81.1
	16-Jun-05	1640	S	6.5-9.5	0.0	0.0	0.6	17.5	81.9
			M	16.5-19.5	0.0	0.0	0.2	18.0	81.8
			D	27-30	0.0	0.0	0.2	18.0	81.8
	7-Sep-05	1543	S	6.5-9.5	0.0	0.0	1.3	17.1	81.6
			M	16.5-19.5	0.0	0.0	0.4	18.0	81.6
			D	27-30	0.0	0.0	0.3	18.0	81.7
	20-Dec-05	1440	S	6.5-9.5	0.0	0.0	0.3	18.9	80.8
			M	16.5-19.5	0.0	0.0	0.1	19.0	80.9
			D	27-30	0.0	0.0	0.1	19.0	80.9
	17-Apr-06	1532	S	6.5-9.5	0.0	0.0	0.3	18.2	81.5
			M	16.5-19.5	0.0	0.0	0.2	18.2	81.6
			D	27-30	0.0	0.0	0.1	18.2	81.7
	6-Jul-06	1459	S	6.5-9.5	0.0	0.0	1.6	18.4	80.0
			M	16.5-19.5	0.0	0.0	0.8	19.0	80.2
			D	27-30	0.0	0.0	0.7	19.0	80.3
	3-Oct-06	1428	S	6.5-9.5	0.0	0.0	1.5	18.9	79.6
			M	16.5-19.5	0.0	0.0	0.8	19.3	79.9
			D	27-30	0.0	0.0	0.7	19.3	80.0
	13-Feb-07	1300	S	6.5-9.5	0.0	0.0	0.2	20.2	79.6
			M	16.5-19.5	0.0	0.0	0.2	20.0	79.8
			D	27-30	0.0	0.0	0.3	19.7	80.0
	8-May-07	1353	S	6.5-9.5	0.0	0.0	0.2	19.9	79.9
			M	16.5-19.5	0.0	0.0	0.2	20.1	79.7
			D	27-30	0.0	0.0	0.2	19.9	79.9
	19-Sep-07	1750	S	6.5-9.5	0.0	0.0	1.9	18.1	80.0
			M	16.5-19.5	0.0	0.0	1.0	18.9	80.1
			D	27-30	0.0	0.0	0.8	18.8	80.4
	18-Dec-07	1355	S	6.5-9.5	0.0	0.0	0.9	19.8	79.3
			M	16.5-19.5	0.0	0.0	0.9	19.5	79.6
			D	27-30	0.0	0.0	0.8	19.2	80.0
	24-Mar-08	1418	S	6.5-9.5	0.0	0.0	0.4	20.3	79.3
			M	16.5-19.5	0.0	0.0	0.4	20.1	79.5
			D	27-30	0.0	0.0	0.4	19.8	79.8
	3-Jun-08	1331	S	6.5-9.5	0.0	0.0	0.5	19.2	80.3
			M	16.5-19.5	0.0	0.0	0.3	19.2	80.5
			D	27-30	0.0	0.0	0.3	19.1	80.6
	24-Sep-08	1515	S	6.5-9.5	0.0	0.0	1.1	17.6	81.3
			M	16.5-19.5	0.0	0.0	0.5	18.1	81.4
			D	27-30	0.0	0.0	0.4	18.0	81.6
	16-Dec-08	1344	S	6.5-9.5	0.0	0.0	0.9	19.3	79.8
			M	16.5-19.5	0.0	0.0	0.9	19.1	80.0
			D	27-30	0.0	0.0	0.9	18.8	80.3

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-23	16-Jul-03	1416	S	6.5-9.5	0.0	0.0	0.5	18.8	80.7
			M	16.5-19.5	0.0	0.0	0.6	18.4	81.0
			D	27-30	0.0	0.0	0.1	18.4	81.5
	5-Aug-03	1536	S	6.5-9.5	0.0	0.0	0.8	18.7	80.5
			M	16.5-19.5	0.0	0.0	0.4	18.9	80.7
			D	27-30	0.0	0.0	0.3	19.1	80.6
	5-Nov-03	1428	S	6.5-9.5	0.0	0.0	0.7	19.1	80.2
			M	16.5-19.5	0.0	0.0	0.6	19.0	80.4
			D	27-30	0.0	0.0	0.6	18.9	80.5
	3-Feb-04	1505	S	6.5-9.5	0.0	0.0	0.0	20.0	80.0
			M	16.5-19.5	0.0	0.0	0.2	19.7	80.1
			D	27-30	0.0	0.0	0.2	19.3	80.5
	5-May-04	1515	S	6.5-9.5	0.0	0.0	0.0	19.4	80.6
			M	16.5-19.5	0.0	0.0	0.0	19.2	80.8
			D	27-30	0.0	0.0	0.0	18.9	81.1
	8-Sep-04	1620	S	6.5-9.5	0.0	0.0	0.7	18.6	80.7
			M	16.5-19.5	0.0	0.0	0.4	18.5	81.1
			D	27-30	0.0	0.0	0.3	18.5	81.2
	22-Dec-04	1441	S	6.5-9.5	0.0	0.0	0.3	19.6	80.1
			M	16.5-19.5	0.0	0.0	0.3	19.4	80.3
			D	27-30	0.0	0.0	0.4	19.0	80.6
	22-Mar-05	1645	S	6.5-9.5	0.0	0.0	0.2	18.7	81.1
			M	16.5-19.5	0.0	0.0	0.2	18.8	81.0
			D	27-30	0.0	0.0	0.2	18.7	81.1
	16-Jun-05	1650	S	6.5-9.5	0.0	0.0	0.4	17.8	81.8
			M	16.5-19.5	0.0	0.0	0.3	17.6	82.1
			D	27-30	0.0	0.0	0.1	18.1	81.8
	7-Sep-05	1552	S	6.5-9.5	0.0	0.0	0.8	17.7	81.5
			M	16.5-19.5	0.0	0.0	0.4	17.7	81.9
			D	27-30	0.0	0.0	0.3	18.2	81.5
	20-Dec-05	1449	S	6.5-9.5	0.0	0.0	0.3	18.6	81.1
			M	16.5-19.5	0.0	0.0	0.2	18.8	81.0
			D	27-30	0.0	0.0	0.1	19.0	80.9
	17-Apr-06	1523	S	6.5-9.5	0.0	0.0	0.3	18.1	81.6
			M	16.5-19.5	0.0	0.0	0.2	18.2	81.6
			D	27-30	0.0	0.0	0.2	18.0	81.8
	6-Jul-06	1450	S	6.5-9.5	0.0	0.0	1.0	18.6	80.4
			M	16.5-19.5	0.0	0.0	0.8	18.5	80.7
			D	27-30	0.0	0.0	0.6	19.0	80.4
	3-Oct-06	1421	S	6.5-9.5	0.0	0.0	1.0	19.2	79.8
			M	16.5-19.5	0.0	0.0	0.9	18.8	80.3
			D	27-30	0.0	0.0	0.8	19.1	80.1
	13-Feb-07	1307	S	6.5-9.5	0.0	0.0	0.2	20.1	79.7
			M	16.5-19.5	0.0	0.0	0.2	19.9	79.9
			D	27-30	0.0	0.0	0.3	19.6	80.1
	8-May-07	1347	S	6.5-9.5	0.0	0.0	0.2	19.9	79.9
			M	16.5-19.5	0.0	0.0	0.2	19.6	80.2
			D	27-30	0.0	0.0	0.2	19.4	80.4
	19-Sep-07	1757	S	6.5-9.5	0.0	0.0	1.4	18.5	80.1
			M	16.5-19.5	0.0	0.0	1.1	18.4	80.5
			D	27-30	0.0	0.0	0.8	18.5	80.7
	18-Dec-07	1349	S	6.5-9.5	0.0	0.0	0.6	19.8	79.6
			M	16.5-19.5	0.0	0.0	1.0	19.2	79.8
			D	27-30	0.0	0.0	0.8	19.2	80.0
	24-Mar-08	1412	S	6.5-9.5	0.0	0.0	0.4	20.2	79.4
			M	16.5-19.5	0.0	0.0	0.5	19.7	79.8
			D	27-30	0.0	0.0	0.3	20.0	79.7
	3-Jun-08	1326	S	6.5-9.5	0.0	0.0	0.3	19.2	80.5
			M	16.5-19.5	0.0	0.0	0.4	18.9	80.7
			D	27-30	0.0	0.0	0.3	18.9	80.8
	24-Sep-08	1509	S	6.5-9.5	0.0	0.0	0.6	18.1	81.3
			M	16.5-19.5	0.0	0.0	0.7	17.6	81.7
			D	27-30	0.0	0.0	0.5	17.6	81.9
	16-Dec-08	1338	S	6.5-9.5	0.0	0.0	0.7	19.2	80.1
			M	16.5-19.5	0.0	0.0	1.1	18.8	80.1
			D	27-30	0.0	0.0	0.8	18.8	80.4

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-24	3-Jun-03	1324	S	7-10	0.0	0.0	1.1	18.7	80.2
			M	17-20	0.0	0.0	1.6	18.1	80.3
			D	27-30	0.0	0.0	1.2	18.3	80.5
	5-Aug-03	1545	S	7-10	0.0	0.0	0.9	19.2	79.9
			M	17-20	0.0	0.0	1.3	18.8	79.9
			D	27-30	0.0	0.0	1.8	18.6	79.6
	5-Nov-03	1435	S	7-10	0.0	0.0	0.0	20.5	79.5
			M	17-20	0.0	0.0	0.0	20.6	79.4
			D	27-30	0.0	0.0	0.0	20.7	79.3
	3-Feb-04	1518	S	7-10	0.0	0.0	0.3	19.6	80.1
			M	17-20	0.0	0.0	0.9	19.1	80.0
			D	27-30	0.0	0.0	1.9	18.0	80.1
	5-May-04	1520	S	7-10	0.0	0.0	0.3	19.1	80.6
			M	17-20	0.0	0.0	0.4	18.5	81.1
			D	27-30	0.0	0.0	1.4	17.5	81.1
	8-Sep-04	1630	S	7-10	0.0	0.0	1.0	18.5	80.5
			M	17-20	0.0	0.0	0.9	18.6	80.5
			D	27-30	0.0	0.0	1.9	17.7	80.4
	22-Dec-04	1446	S	7-10	0.0	0.0	0.7	19.1	80.2
			M	17-20	0.0	0.0	1.2	18.8	80.0
			D	27-30	0.0	0.0	2.2	17.5	80.3
	22-Mar-05	1657	S	7-10	0.0	0.0	0.7	18.6	80.7
			M	17-20	0.0	0.0	1.0	18.1	80.9
			D	27-30	0.0	0.0	1.1	18.0	80.9
	16-Jun-05	1701	S	7-10	0.0	0.0	0.9	17.9	81.2
			M	17-20	0.0	0.0	0.4	18.4	81.2
			D	27-30	0.0	0.0	0.4	18.0	81.6
	7-Sep-05	1601	S	7-10	0.0	0.0	1.2	17.6	81.2
			M	17-20	0.0	0.0	0.7	18.2	81.1
			D	27-30	0.0	0.0	0.7	18.2	81.1
	20-Dec-05	1459	S	7-10	0.0	0.0	0.7	18.4	80.9
			M	17-20	0.0	0.0	0.8	18.3	80.9
			D	27-30	0.0	0.0	0.9	18.2	80.9
	17-Apr-06	1516	S	7-10	0.0	0.0	0.8	17.8	81.4
			M	17-20	0.0	0.0	0.4	18.1	81.5
			D	27-30	0.0	0.0	0.7	17.7	81.6
	6-Jul-06	1444	S	7-10	0.0	0.0	1.7	18.5	79.8
			M	17-20	0.0	0.0	0.9	19.0	80.1
			D	27-30	0.0	0.0	0.8	19.1	80.1
	3-Oct-06	1413	S	7-10	0.0	0.0	1.7	18.8	79.5
			M	17-20	0.0	0.0	1.1	19.3	79.6
			D	27-30	0.0	0.0	1.4	19.1	79.5
	13-Feb-07	1314	S	7-10	0.0	0.0	0.6	19.6	79.8
			M	17-20	0.0	0.0	0.9	19.1	80.0
			D	27-30	0.0	0.0	2.0	18.2	79.8
	8-May-07	1341	S	7-10	0.0	0.0	0.5	19.5	80.0
			M	17-20	0.0	0.0	0.4	19.6	80.0
			D	27-30	0.0	0.0	0.5	19.4	80.1
	19-Sep-07	1803	S	7-10	0.0	0.0	2.1	18.2	79.7
			M	17-20	0.0	0.0	1.4	18.8	79.8
			D	27-30	0.0	0.0	1.6	18.6	79.8
	18-Dec-07	1342	S	7-10	0.0	0.0	1.3	19.1	79.6
			M	17-20	0.0	0.0	2.0	18.5	79.5
			D	27-30	0.0	0.0	2.6	17.9	79.5
	24-Mar-08	1406	S	7-10	0.0	0.0	1.0	19.8	79.2
			M	17-20	0.0	0.0	1.2	19.6	79.2
			D	27-30	0.0	0.0	2.6	18.2	79.2
	3-Jun-08	1321	S	7-10	0.0	0.0	1.0	18.9	80.1
			M	17-20	0.0	0.0	0.4	19.3	80.3
			D	27-30	0.0	0.0	0.6	19.0	80.4
	24-Sep-08	1502	S	7-10	0.0	0.0	1.2	17.5	81.3
			M	17-20	0.0	0.0	1.0	17.9	81.1
			D	27-30	0.0	0.0	2.1	16.7	81.2
	16-Dec-08	1333	S	7-10	0.0	0.0	1.4	18.7	79.9
			M	17-20	0.0	0.0	1.8	18.5	79.7
			D	27-30	0.0	0.0	1.7	18.5	79.8

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-25	3-Jun-03	1333	S	7-10	0.0	0.0	2.9	16.8	80.3
			M	17-20	0.0	0.0	3.2	16.1	80.7
			D	27-30	0.0	0.0	5.9	13.2	80.9
	5-Aug-03	1555	S	7-10	0.0	0.0	3.3	16.6	80.1
			M	17-20	0.0	0.0	3.4	16.6	80.0
			D	27-30	0.0	0.0	7.7	12.5	79.8
	5-Nov-03	1445	S	7-10	0.0	0.0	2.8	17.3	79.9
			M	17-20	0.0	0.0	5.9	14.6	79.5
			D	27-30	0.0	0.0	9.4	11.9	78.7
	3-Feb-04	1524	S	7-10	0.0	0.0	2.0	17.8	80.2
			M	17-20	0.0	0.0	1.8	17.9	80.3
			D	27-30	0.0	0.0	7.8	12.7	79.5
	5-May-04	1526	S	7-10	0.0	0.0	1.8	17.1	81.1
			M	17-20	0.0	0.0	1.4	17.1	81.5
			D	27-30	0.0	0.0	6.1	12.9	81.0
	8-Sep-04	1635	S	7-10	0.0	0.0	3.4	16.1	80.5
			M	17-20	0.0	0.0	3.4	15.8	80.8
			D	27-30	0.0	0.0	8.5	11.9	79.6
	22-Dec-04	1451	S	7-10	0.0	0.0	2.5	17.1	80.4
			M	17-20	0.0	0.0	7.7	13.0	79.3
			D	27-30	0.0	0.0	4.8	15.3	79.9
	22-Mar-05	1708	S	7-10	0.0	0.0	2.2	16.7	81.1
			M	17-20	0.0	0.0	3.9	15.2	80.9
			D	27-30	0.0	0.0	7.7	12.5	79.8
	16-Jun-05	1711	S	7-10	0.0	0.0	2.5	15.9	81.6
			M	17-20	0.0	0.0	3.0	15.1	81.9
			D	27-30	0.0	0.0	6.8	12.2	81.0
	7-Sep-05	1609	S	7-10	0.0	0.0	2.5	16.3	81.2
			M	17-20	0.0	0.0	3.7	15.2	81.1
			D	27-30	0.0	0.0	6.3	13.0	80.7
	20-Dec-05	1508	S	7-10	0.0	0.0	2.3	17.0	80.7
			M	17-20	0.0	0.0	3.7	15.6	80.7
			D	27-30	0.0	0.0	8.2	12.1	79.7
	17-Apr-06	1509	S	7-10	0.0	0.0	1.9	16.5	81.6
			M	17-20	0.0	0.0	2.7	15.8	81.5
			D	27-30	0.0	0.0	4.8	14.2	81.0
	6-Jul-06	1438	S	7-10	0.0	0.0	3.6	16.6	79.8
			M	17-20	0.0	0.0	4.0	16.1	79.9
			D	27-30	0.0	0.0	4.5	15.4	80.1
	3-Oct-06	14.6	S	7-10	0.0	0.0	4.2	16.4	79.4
			M	17-20	0.0	0.0	4.6	15.7	79.7
			D	27-30	0.0	0.0	8.1	12.4	79.5
	13-Feb-07	1320	S	7-10	0.0	0.0	2.8	17.8	79.4
			M	17-20	0.0	0.0	4.6	16.5	78.9
			D	27-30	0.0	0.0	8.9	13.1	78.0
	8-May-07	1336	S	7-10	0.0	0.0	2.7	18.0	79.3
			M	17-20	0.0	0.0	1.8	18.0	80.2
			D	27-30	0.0	0.0	7.5	13.7	78.8
	19-Sep-07	1811	S	7-10	0.0	0.0	4.7	15.8	79.5
			M	17-20	0.0	0.0	4.9	15.3	79.8
			D	27-30	0.0	0.0	8.3	12.1	79.6
	18-Dec-07	1337	S	7-10	0.0	0.0	3.8	17.3	78.9
			M	17-20	0.0	0.0	5.5	15.6	78.9
			D	27-30	0.0	0.0	9.1	12.8	78.1
	24-Mar-08	1400	S	7-10	0.0	0.0	2.9	18.5	78.6
			M	17-20	0.0	0.0	3.4	17.3	79.3
			D	27-30	0.0	0.0	7.7	13.4	78.9
	3-Jun-08	1316	S	7-10	0.0	0.0	3.0	16.9	80.1
			M	17-20	0.0	0.0	4.5	15.1	80.4
			D	27-30	0.0	0.0	6.7	13.2	80.1
	24-Sep-08	1457	S	7-10	0.0	0.0	2.7	16.0	81.3
			M	17-20	0.0	0.0	2.3	16.4	81.3
			D	27-30	0.0	0.0	6.9	12.4	80.7
	16-Dec-08	1326	S	7-10	0.0	0.0	3.8	16.7	79.5
			M	17-20	0.0	0.0	4.0	16.6	79.4
			D	27-30	0.0	0.0	7.3	13.8	78.9

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-26	3-Jun-03	1341	S	7-10	0.0	0.0	3.8	16.2	80.0
			M	17-20	0.0	0.0	4.5	15.5	80.0
			D	27-30	0.0	0.0	3.4	16.3	80.3
	5-Aug-03	1605	S	7-10	0.0	0.0	4.7	15.5	79.8
			M	17-20	0.0	0.0	5.5	14.3	80.2
			D	27-30	0.0	0.0	5.9	14.2	79.9
	5-Nov-03	1451	S	7-10	0.0	0.0	5.0	15.0	80.0
			M	17-20	0.0	0.0	7.0	13.7	79.3
			D	27-30	0.0	0.0	7.8	12.8	79.4
	3-Feb-04	1530	S	7-10	0.0	0.0	3.0	16.6	80.4
			M	17-20	0.0	0.0	4.9	15.2	79.9
			D	27-30	0.0	0.0	6.2	14.3	79.5
	5-May-04	1531	S	7-10	0.0	0.0	2.9	16.3	80.8
			M	17-20	0.0	0.0	3.7	15.2	81.1
			D	27-30	0.0	0.0	4.6	14.5	80.9
	8-Sep-04	1645	S	7-10	0.0	0.0	5.0	14.3	80.7
			M	17-20	0.0	0.0	6.4	13.4	80.2
			D	27-30	0.0	0.0	6.8	12.7	80.5
	22-Dec-04	1457	S	7-10	0.0	0.0	2.8	16.9	80.3
			M	17-20	0.0	0.0	5.2	15.1	79.7
			D	27-30	0.0	0.0	7.6	13.3	79.1
	22-Mar-05	1719	S	7-10	0.0	0.0	3.8	15.3	80.9
			M	17-20	0.0	0.0	4.9	14.4	80.7
			D	27-30	0.0	0.0	3.4	15.9	80.7
	16-Jun-05	1722	S	7-10	0.0	0.0	4.5	14.2	81.3
			M	17-20	0.0	0.0	3.8	14.5	81.7
			D	27-30	0.0	0.0	3.5	14.7	81.8
	7-Sep-05	1617	S	7-10	0.0	0.0	5.9	13.4	80.7
			M	17-20	0.0	0.0	4.2	14.8	81.0
			D	27-30	0.0	0.0	4.2	14.2	81.6
	20-Dec-05	1518	S	7-10	0.0	0.0	4.2	15.2	80.6
			M	17-20	0.0	0.0	4.1	15.4	80.5
			D	27-30	0.0	0.0	5.9	13.7	80.4
	17-Apr-06	1501	S	7-10	0.0	0.0	3.3	15.7	81.0
			M	17-20	0.0	0.0	2.5	16.0	81.5
			D	27-30	0.0	0.0	3.5	15.3	81.2
	6-Jul-06	1419	S	7-10	0.0	0.0	3.6	16.6	79.8
			M	17-20	0.0	0.0	4.0	16.2	79.8
			D	27-30	0.0	0.0	4.4	16.0	79.6
	3-Oct-06	1358	S	7-10	0.0	0.0	2.6	17.7	79.7
			M	17-20	0.0	0.0	5.2	14.5	80.3
			D	27-30	0.0	0.0	4.7	15.2	80.1
	13-Feb-07	1327	S	7-10	0.0	0.0	4.0	17.1	78.9
			M	17-20	0.0	0.0	4.4	16.8	78.8
			D	27-30	0.0	0.0	5.2	16.1	78.7
	8-May-07	1331	S	7-10	0.0	0.0	0.2	19.6	80.2
			M	17-20	0.0	0.0	2.6	17.6	79.8
			D	27-30	0.0	0.0	4.2	16.3	79.5
	19-Sep-07	1817	S	7-10	0.0	0.0	6.4	13.8	79.8
			M	17-20	0.0	0.0	4.9	15.2	79.9
			D	27-30	0.0	0.0	5.0	15.0	80.0
	18-Dec-07	1330	S	7-10	0.0	0.0	1.0	19.3	79.7
			M	17-20	0.0	0.0	6.4	15.1	78.5
			D	27-30	0.0	0.0	6.4	14.9	78.7
	24-Mar-08	1355	S	7-10	0.0	0.0	3.6	17.8	78.6
			M	17-20	0.0	0.0	4.5	16.9	78.6
			D	27-30	0.0	0.0	4.0	17.0	79.0
	3-Jun-08	1311	S	7-10	0.0	0.0	3.4	16.9	79.7
			M	17-20	0.0	0.0	3.6	16.3	80.1
			D	27-30	0.0	0.0	3.5	16.3	80.2
	24-Sep-08	1451	S	7-10	0.0	0.0	3.9	15.2	80.9
			M	17-20	0.0	0.0	5.3	13.8	80.9
			D	27-30	0.0	0.0	5.8	13.2	81.0
	16-Dec-08	1321	S	7-10	0.0	0.0	4.4	16.0	79.6
			M	17-20	0.0	0.0	6.3	14.5	79.2
			D	27-30	0.0	0.0	5.3	15.4	79.3

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-27	3-Jun-03	1348	S	7-10	0.0	0.0	3.1	17.2	79.7
			M	17-20	0.0	0.0	4.0	16.0	80.0
			D	27-30	0.0	0.0	6.0	14.3	79.7
	5-Aug-03	1615	S	7-10	0.0	0.0	3.6	16.0	80.4
			M	17-20	0.0	0.0	5.8	14.6	79.6
			D	27-30	0.0	0.0	6.5	14.2	79.3
	5-Nov-03	1458	S	7-10	0.0	0.0	3.3	15.7	81.0
			M	17-20	0.0	0.0	7.3	13.1	79.6
			D	27-30	0.0	0.0	8.2	12.3	79.5
	3-Feb-04	1535	S	7-10	0.0	0.0	3.0	16.5	80.5
			M	17-20	0.0	0.0	5.8	14.3	79.9
			D	27-30	0.0	0.0	6.6	13.5	79.9
	5-May-04	1537	S	7-10	0.0	0.0	1.5	17.1	81.4
			M	17-20	0.0	0.0	4.2	14.5	81.3
			D	27-30	0.0	0.0	5.0	13.8	81.2
	8-Sep-04	1650	S	7-10	0.0	0.0	2.3	16.4	81.3
			M	17-20	0.0	0.0	6.8	13.1	80.1
			D	27-30	0.0	0.0	7.3	12.6	80.1
	22-Dec-04	1505	S	7-10	0.0	0.0	3.2	16.7	80.1
			M	17-20	0.0	0.0	6.1	14.4	79.5
			D	27-30	0.0	0.0	8.0	12.7	79.3
	22-Mar-05	1730	S	7-10	0.0	0.0	2.9	15.3	81.8
			M	17-20	0.0	0.0	4.5	14.6	80.9
			D	27-30	0.0	0.0	6.8	13.1	80.1
	16-Jun-05	1734	S	7-10	0.0	0.0	3.6	14.6	81.8
			M	17-20	0.0	0.0	4.1	14.5	81.4
			D	27-30	0.0	0.0	4.3	14.1	81.6
	7-Sep-05	1625	S	7-10	0.0	0.0	4.0	14.5	81.5
			M	17-20	0.0	0.0	5.2	14.0	80.8
			D	27-30	0.0	0.0	6.2	12.9	80.9
	20-Dec-05	1528	S	7-10	0.0	0.0	2.7	15.6	81.7
			M	17-20	0.0	0.0	6.1	13.8	80.1
			D	27-30	0.0	0.0	7.4	12.3	80.3
	17-Apr-06	1455	S	7-10	0.0	0.0	1.8	16.8	81.4
			M	17-20	0.0	0.0	4.2	14.7	81.1
			D	27-30	0.0	0.0	5.1	13.9	81.0
	6-Jul-06	1413	S	7-10	0.0	0.0	2.2	18.2	79.6
			M	17-20	0.0	0.0	4.6	16.1	79.3
			D	27-30	0.0	0.0	5.2	15.3	79.5
	3-Oct-06	1351	S	7-10	0.0	0.0	3.5	17.4	79.1
			M	17-20	0.0	0.0	6.4	13.6	80.0
			D	27-30	0.0	0.0	6.9	12.8	80.3
	13-Feb-07	1333	S	7-10	0.0	0.0	4.3	16.6	79.1
			M	17-20	0.0	0.0	7.1	14.1	78.8
			D	27-30	0.0	0.0	8.2	13.1	78.7
	8-May-07	1326	S	7-10	0.0	0.0	1.1	19.3	79.6
			M	17-20	0.0	0.0	5.9	15.0	79.1
			D	27-30	0.0	0.0	7.5	13.4	79.1
	19-Sep-07	1822	S	7-10	0.0	0.0	4.8	15.3	79.9
			M	17-20	0.0	0.0	7.1	13.1	79.8
			D	27-30	0.0	0.0	8.0	12.1	79.9
	18-Dec-07	1324	S	7-10	0.0	0.0	3.5	17.6	78.9
			M	17-20	0.0	0.0	7.9	13.6	78.5
			D	27-30	0.0	0.0	9.5	12.0	78.5
	24-Mar-08	1348	S	7-10	0.0	0.0	3.2	18.0	78.8
			M	17-20	0.0	0.0	6.0	15.1	78.9
			D	27-30	0.0	0.0	8.0	13.2	78.8
	3-Jun-08	1306	S	7-10	0.0	0.0	2.8	17.7	79.5
			M	17-20	0.0	0.0	4.8	15.3	79.9
			D	27-30	0.0	0.0	4.9	15.0	80.1
	24-Sep-08	1445	S	7-10	0.0	0.0	1.7	17.5	80.8
			M	17-20	0.0	0.0	5.6	13.5	80.9
			D	27-30	0.0	0.0	7.9	11.3	80.8
	16-Dec-08	1317	S	7-10	0.0	0.0	3.7	16.6	79.7
			M	17-20	0.0	0.0	7.6	13.6	78.8
			D	27-30	0.0	0.0	9.2	12.0	78.8

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-28	3-Jun-03	1400	S	7-10	0.0	0.0	4.9	14.6	80.5
			M	17-20	0.0	0.0	4.4	15.6	80.0
			D	27-30	0.0	0.0	6.4	13.9	79.7
	5-Aug-03	1625	S	7-10	0.0	0.0	5.6	14.3	80.1
			M	17-20	0.0	0.0	6.4	14.0	79.6
			D	27-30	0.0	0.0	7.3	13.4	79.3
	5-Nov-03	1504	S	7-10	0.0	0.0	5.3	14.0	80.7
			M	17-20	0.0	0.0	7.5	13.2	79.3
			D	27-30	0.0	0.0	8.7	12.2	79.1
	3-Feb-04	1539	S	7-10	0.0	0.0	5.2	14.6	80.2
			M	17-20	0.0	0.0	5.5	14.5	80.0
			D	27-30	0.0	0.0	6.7	13.4	79.9
	5-May-04	1543	S	7-10	0.0	0.0	3.7	14.6	81.7
			M	17-20	0.0	0.0	4.5	14.0	81.5
			D	27-30	0.0	0.0	5.3	13.3	81.4
	8-Sep-04	1700	S	7-10	0.0	0.0	5.8	13.5	80.7
			M	17-20	0.0	0.0	7.1	12.8	80.1
			D	27-30	0.0	0.0	8.1	12.1	79.8
	22-Dec-04	1510	S	7-10	0.0	0.0	1.0	18.3	80.7
			M	17-20	0.0	0.0	5.3	15.0	79.7
			D	27-30	0.0	0.0	0.2	19.3	80.5
	22-Mar-05	1742	S	7-10	0.0	0.0	4.8	13.8	81.4
			M	17-20	0.0	0.0	4.9	14.2	80.9
			D	27-30	0.0	0.0	5.9	13.7	80.4
	16-Jun-05	1745	S	7-10	0.0	0.0	6.0	12.8	81.2
			M	17-20	0.0	0.0	4.6	14.1	81.3
			D	27-30	0.0	0.0	4.7	14.0	81.3
	7-Sep-05	1635	S	7-10	0.0	0.0	5.9	12.9	81.2
			M	17-20	0.0	0.0	5.4	14.2	80.4
			D	27-30	0.0	0.0	8.6	11.4	80.0
	20-Dec-05	1540	S	7-10	0.0	0.0	3.8	14.8	81.4
			M	17-20	0.0	0.0	5.0	14.8	80.2
			D	27-30	0.0	0.0	0.1	19.1	80.8
	17-Apr-06	1447	S	7-10	0.0	0.0	4.2	14.3	81.5
			M	17-20	0.0	0.0	4.6	14.5	80.9
			D	27-30	0.0	0.0	1.9	16.6	81.5
	6-Jul-06	1407	S	7-10	0.0	0.0	2.5	17.7	79.8
			M	17-20	0.0	0.0	4.6	15.8	79.6
			D	27-30	0.0	0.0	0.2	19.6	80.2
	3-Oct-06	1344	S	7-10	0.0	0.0	2.0	18.2	79.8
			M	17-20	0.0	0.0	6.3	14.3	79.4
			D	27-30	0.0	0.0	0.2	20.2	79.6
	13-Feb-07	1339	S	7-10	0.0	0.0	5.6	15.0	79.4
			M	17-20	0.0	0.0	6.1	15.1	78.8
			D	27-30	0.0	0.0	5.2	16.2	78.6
	8-May-07	1320	S	7-10	0.0	0.0	0.2	19.8	80.0
			M	17-20	0.0	0.0	4.9	15.8	79.3
			D	27-30	0.0	0.0	0.0	20.6	79.4
	19-Sep-07	1829	S	7-10	0.0	0.0	8.1	12.1	79.8
			M	17-20	0.0	0.0	6.2	14.1	79.7
			D	27-30	0.0	0.0	3.6	16.4	80.0
	18-Dec-07	1318	S	7-10	0.0	0.0	1.3	19.1	79.6
			M	17-20	0.0	0.0	6.4	15.0	78.6
			D	27-30	0.0	0.0	0.4	20.1	79.5
	24-Mar-08	1342	S	7-10	**2.0**	**0.1**	4.7	15.7	79.5
			M	17-20	**2.0**	**0.1**	4.8	16.5	78.6
			D	27-30	0.0	0.0	1.2	19.4	79.4
	3-Jun-08	1302	S	7-10	0.0	0.0	3.2	16.9	79.9
			M	17-20	0.0	0.0	4.2	16.0	79.8
			D	27-30	0.0	0.0	1.9	17.8	80.3
	24-Sep-08	1439	S	7-10	0.0	0.0	1.1	17.6	81.3
			M	17-20	0.0	0.0	4.2	15.0	80.8
			D	27-30	0.0	0.0	0.1	18.8	81.1
	16-Dec-08	1310	S	7-10	0.0	0.0	5.7	15.4	78.9
			M	17-20	0.0	0.0	6.0	14.9	79.1
			D	27-30	0.0	0.0	4.5	16.3	79.2

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-29	3-Jun-03	1417	S	7-10	0.0	0.0	4.3	15.8	79.9
			M	17-20	0.0	0.0	5.4	14.5	80.1
			D	27-30	0.0	0.0	5.4	13.9	80.7
	5-Aug-03	1634	S	7-10	0.0	0.0	3.6	16.5	79.9
			M	17-20	0.0	0.0	5.8	14.1	80.1
			D	27-30	0.0	0.0	3.8	16.0	80.2
	5-Nov-03	1510	S	7-10	0.0	0.0	3.3	16.7	80.0
			M	17-20	0.0	0.0	7.2	13.5	79.3
			D	27-30	0.0	0.0	8.3	12.4	79.3
	3-Feb-04	1547	S	7-10	0.0	0.0	4.5	15.0	80.5
			M	17-20	0.0	0.0	5.1	14.7	80.2
			D	27-30	0.0	0.0	6.6	13.4	80.0
	5-May-04	1548	S	7-10	0.0	0.0	1.5	17.0	81.5
			M	17-20	0.0	0.0	4.3	14.2	81.5
			D	27-30	0.0	0.0	5.4	12.9	81.7
	8-Sep-04	1705	S	7-10	0.0	0.0	2.4	16.5	81.1
			M	17-20	0.0	0.0	6.6	13.3	80.1
			D	27-30	0.0	0.0	7.7	12.1	80.2
	22-Dec-04	1518	S	7-10	0.0	0.0	1.8	18.3	79.9
			M	17-20	0.0	0.0	5.9	14.8	79.3
			D	27-30	0.0	0.0	6.4	14.1	79.5
	22-Mar-05	1757	S	7-10	0.0	0.0	3.4	15.9	80.7
			M	17-20	0.0	0.0	5.1	14.0	80.9
			D	27-30	0.0	0.0	2.7	16.0	81.3
	16-Jun-05	1755	S	7-10	0.0	0.0	3.3	14.3	82.4
			M	17-20	0.0	0.0	2.5	15.7	81.8
			D	27-30	0.0	0.0	2.9	14.9	82.2
	7-Sep-05	1643	S	7-10	0.0	0.0	2.8	16.4	80.8
			M	17-20	0.0	0.0	3.3	15.7	81.0
			D	27-30	0.0	0.0	6.5	12.7	80.8
	20-Dec-05	1548	S	7-10	0.0	0.0	2.3	17.3	80.4
			M	17-20	0.0	0.0	3.6	15.9	80.5
			D	27-30	0.0	0.0	2.7	16.4	80.9
	17-Apr-06	1441	S	7-10	0.0	0.0	2.6	16.0	81.4
			M	17-20	0.0	0.0	2.9	15.5	81.6
			D	27-30	0.0	0.0	2.1	16.2	81.7
	6-Jul-06	1402	S	7-10	0.0	0.0	2.5	17.6	79.9
			M	17-20	0.0	0.0	4.2	16.1	79.7
			D	27-30	0.0	0.0	4.3	15.8	79.9
	3-Oct-06	1332	S	7-10	0.0	0.0	1.8	18.8	79.4
			M	17-20	0.0	0.0	5.0	15.6	79.4
			D	27-30	0.0	0.0	5.7	14.6	79.7
	13-Feb-07	1345	S	7-10	0.0	0.0	4.2	16.3	79.5
			M	17-20	0.0	0.0	5.7	15.8	78.5
			D	27-30	0.0	0.0	4.6	16.3	79.1
	8-May-07	1315	S	7-10	0.0	0.0	0.4	20.0	79.6
			M	17-20	0.0	0.0	2.2	17.8	80.0
			D	27-30	0.0	0.0	0.5	19.5	80.0
	19-Sep-07	1837	S	7-10	0.0	0.0	4.9	15.9	79.2
			M	17-20	0.0	0.0	4.5	15.9	79.6
			D	27-30	0.0	0.0	3.3	16.7	80.0
	18-Dec-07	1313	S	7-10	0.0	0.0	3.7	16.7	79.6
			M	17-20	0.0	0.0	5.8	15.5	78.7
			D	27-30	0.0	0.0	8.0	13.3	78.7
	24-Mar-08	1335	S	7-10	0.0	0.0	2.2	18.6	79.2
			M	17-20	0.0	0.0	2.9	17.9	79.2
			D	27-30	**2.0**	**0.1**	3.2	17.6	79.1
	3-Jun-08	1257	S	7-10	0.0	0.0	2.1	17.6	80.3
			M	17-20	0.0	0.0	3.1	16.9	80.0
			D	27-30	0.0	0.0	2.8	17.0	80.2
	24-Sep-08	1433	S	7-10	0.0	0.0	0.8	18.2	81.0
			M	17-20	0.0	0.0	2.3	16.5	81.2
			D	27-30	0.0	0.0	2.4	16.1	81.5
	16-Dec-08	1304	S	7-10	0.0	0.0	4.4	16.2	79.4
			M	17-20	0.0	0.0	7.1	14.2	78.7
			D	27-30	0.0	0.0	8.6	12.6	78.8

LANDFILL GAS MONITORING RESULTS
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Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-30	3-Jun-03	1435	S	7-10	0.0	0.0	4.7	15.4	79.9
			M	17-20	0.0	0.0	5.9	14.2	79.9
			D	25-28	0.0	0.0	6.8	13.3	79.9
	5-Aug-03	1645	S	7-10	0.0	0.0	5.3	14.9	79.8
			M	17-20	0.0	0.0	6.9	13.6	79.5
			D	25-28	0.0	0.0	7.9	12.5	79.6
	5-Nov-03	1520	S	7-10	0.0	0.0	5.3	14.7	80.0
			M	17-20	0.0	0.0	7.0	13.3	79.7
			D	25-28	0.0	0.0	9.3	11.2	79.5
	3-Feb-04	1556	S	7-10	0.0	0.0	3.3	15.9	80.8
			M	17-20	0.0	0.0	5.3	14.1	80.6
			D	25-28	0.0	0.0	7.3	12.3	80.4
	5-May-04	1554	S	7-10	0.0	0.0	2.5	16.2	81.3
			M	17-20	0.0	0.0	4.5	13.7	81.8
			D	25-28	0.0	0.0	6.0	12.3	81.7
	8-Sep-04	1710	S	7-10	0.0	0.0	5.7	14.1	80.2
			M	17-20	0.0	0.0	7.0	12.7	80.3
			D	25-28	0.0	0.0	8.7	11.5	79.8
	22-Dec-04	1529	S	7-10	0.0	0.0	2.3	17.0	80.7
			M	17-20	0.0	0.0	5.8	14.3	79.9
			D	25-28	0.0	0.0	9.0	11.6	79.4
	22-Mar-05	1806	S	7-10	0.0	0.0	4.0	14.6	81.4
			M	17-20	0.0	0.0	6.1	12.8	81.1
			D	25-28	0.0	0.0	1.3	16.7	82.0
	16-Jun-05	1805	S	7-10	0.0	0.0	5.3	13.6	81.1
			M	17-20	0.0	0.0	3.5	14.5	82.0
			D	25-28	0.0	0.0	0.1	18.4	81.5
	7-Sep-05	1651	S	7-10	0.0	0.0	6.0	13.6	80.4
			M	17-20	0.0	0.0	4.0	14.9	81.1
			D	25-28	0.0	0.0	7.8	11.3	80.9
	20-Dec-05	1559	S	7-10	0.0	0.0	4.6	14.8	80.6
			M	17-20	0.0	0.0	3.7	15.6	80.7
			D	25-28	0.0	0.0	9.0	11.6	79.4
	17-Apr-06	1434	S	7-10	0.0	0.0	3.7	15.0	81.3
			M	17-20	0.0	0.0	2.4	15.9	81.7
			D	25-28	0.0	0.0	1.8	16.4	81.8
	6-Jul-06	1356	S	7-10	0.0	0.0	4.1	16.2	79.7
			M	17-20	0.0	0.0	3.0	17.0	80.0
			D	25-28	0.0	0.0	3.1	16.6	80.3
	3-Oct-06	1323	S	7-10	0.0	0.0	3.2	17.1	79.7
			M	17-20	0.0	0.0	6.3	13.7	80.0
			D	25-28	0.0	0.0	2.2	18.2	79.6
	13-Feb-07	1352	S	7-10	0.0	0.0	3.4	17.0	79.6
			M	17-20	0.0	0.0	5.1	15.5	79.4
			D	25-28	0.0	0.0	7.5	13.4	79.1
	8-May-07	1310	S	7-10	0.0	0.0	1.4	18.2	80.4
			M	17-20	0.0	0.0	0.1	20.3	79.6
			D	25-28	0.0	0.0	7.1	13.3	79.6
	19-Sep-07	1842	S	7-10	0.0	0.0	5.6	14.7	79.7
			M	17-20	0.0	0.0	3.5	16.7	79.8
			D	25-28	0.0	0.0	1.1	18.8	80.1
	18-Dec-07	1308	S	7-10	0.0	0.0	2.4	18.0	79.6
			M	17-20	0.0	0.0	5.7	15.2	79.1
			D	25-28	0.0	0.0	5.8	14.9	79.3
	24-Mar-08	1329	S	7-10	0.0	0.0	3.7	17.2	79.1
			M	17-20	0.0	0.0	1.9	18.6	79.5
			D	25-28	0.0	0.0	7.3	13.5	79.2
	3-Jun-08	1252	S	7-10	0.0	0.0	2.9	17.2	79.9
			M	17-20	0.0	0.0	2.3	17.4	80.3
			D	25-28	0.0	0.0	0.4	19.2	80.4
	24-Sep-08	1427	S	7-10	0.0	0.0	2.0	16.5	81.5
			M	17-20	0.0	0.0	0.7	18.0	81.3
			D	25-28	0.0	0.0	0.1	18.7	81.2
	16-Dec-08	1257	S	7-10	0.0	0.0	5.4	15.1	79.5
			M	17-20	0.0	0.0	3.9	16.4	79.7
			D	25-28	0.0	0.0	9.3	12.0	78.7

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-31	3-Jun-03	1455	S	7-10	0.0	0.0	4.9	14.7	80.4
			M	17-20	0.0	0.0	5.2	14.7	80.1
			D	27-30	0.0	0.0	7.6	12.1	80.3
	5-Aug-03	1655	S	7-10	0.0	0.0	5.8	13.5	80.7
			M	17-20	0.0	0.0	6.9	12.3	80.8
			D	27-30	0.0	0.0	8.6	11.1	80.3
	5-Nov-03	1535	S	7-10	0.0	0.0	6.6	13.2	80.2
			M	17-20	0.0	0.0	8.3	11.7	80.0
			D	27-30	0.0	0.0	10.8	9.8	79.4
	3-Feb-04	1606	S	7-10	0.0	0.0	5.6	13.9	80.5
			M	17-20	0.0	0.0	6.7	12.9	80.4
			D	27-30	0.0	0.0	8.7	11.4	79.9
	5-May-04	1559	S	7-10	0.0	0.0	3.4	15.5	81.1
			M	17-20	0.0	0.0	4.7	13.7	81.6
			D	27-30	0.0	0.0	6.5	12.0	81.5
	8-Sep-04	1720	S	7-10	0.0	0.0	6.9	12.4	80.7
			M	17-20	0.0	0.0	7.9	11.6	80.5
			D	27-30	0.0	0.0	9.8	10.2	80.0
	22-Dec-04	1540	S	7-10	0.0	0.0	4.8	14.9	80.3
			M	17-20	0.0	0.0	7.1	13.1	79.8
			D	27-30	0.0	0.0	10.5	10.8	78.7
	22-Mar-05	1815	S	7-10	0.0	0.0	4.7	14.1	81.2
			M	17-20	0.0	0.0	5.1	13.8	81.1
			D	27-30	0.0	0.0	1.7	16.8	81.5
	16-Jun-05	1816	S	7-10	0.0	0.0	6.1	12.8	81.1
			M	17-20	0.0	0.0	3.6	14.5	81.9
			D	27-30	0.0	0.0	1.7	16.4	81.9
	7-Sep-05	1659	S	7-10	0.0	0.0	6.5	12.9	80.6
			M	17-20	0.0	0.0	4.6	14.0	81.4
			D	27-30	0.0	0.0	1.8	16.7	81.5
	20-Dec-05	1610	S	7-10	0.0	0.0	5.2	14.7	80.1
			M	17-20	0.0	0.0	4.5	14.9	80.6
			D	27-30	0.0	0.0	2.0	17.0	81.0
	17-Apr-06	1428	S	7-10	0.0	0.0	2.5	15.9	81.6
			M	17-20	0.0	0.0	2.5	15.9	81.6
			D	27-30	0.0	0.0	1.4	16.7	81.9
	6-Jul-06	1350	S	7-10	0.0	0.0	5.0	15.4	79.6
			M	17-20	0.0	0.0	5.3	14.6	80.1
			D	27-30	0.0	0.0	1.4	18.5	80.1
	3-Oct-06	1316	S	7-10	0.0	0.0	3.3	16.9	79.8
			M	17-20	0.0	0.0	4.3	16.2	79.5
			D	27-30	0.0	0.0	2.5	17.8	79.7
	13-Feb-07	1358	S	7-10	0.0	0.0	4.4	16.5	79.1
			M	17-20	0.0	0.0	4.9	16.3	78.8
			D	27-30	0.0	0.0	3.0	17.4	79.6
	8-May-07	1305	S	7-10	0.0	0.0	3.7	16.8	79.5
			M	17-20	0.0	0.0	3.6	16.5	79.9
			D	27-30	0.0	0.0	0.2	19.9	79.9
	19-Sep-07	1848	S	7-10	0.0	0.0	5.9	14.1	80.0
			M	17-20	0.0	0.0	4.7	15.3	80.0
			D	27-30	0.0	0.0	3.3	16.5	80.2
	18-Dec-07	1303	S	7-10	0.0	0.0	6.2	15.2	78.6
			M	17-20	0.0	0.0	7.9	13.6	78.5
			D	27-30	0.0	0.0	3.9	16.6	79.5
	24-Mar-08	1323	S	7-10	0.0	0.0	4.2	17.2	78.6
			M	17-20	0.0	0.0	2.7	18.0	79.3
			D	27-30	0.0	0.0	1.1	19.5	79.4
	3-Jun-08	1246	S	7-10	0.0	0.0	2.7	17.2	80.1
			M	17-20	0.0	0.0	2.6	17.2	80.2
			D	27-30	0.0	0.0	1.3	18.3	80.4
	24-Sep-08	1421	S	7-10	0.0	0.0	3.5	15.0	81.5
			M	17-20	0.0	0.0	3.2	15.4	81.4
			D	27-30	0.0	0.0	1.7	16.9	81.4
	16-Dec-08	1252	S	7-10	0.0	0.0	6.0	14.9	79.1
			M	17-20	0.0	0.0	8.5	12.6	78.9
			D	27-30	0.0	0.0	6.4	14.4	79.2

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-32	3-Jun-03	1518	S	7-10	0.0	0.0	1.1	19.1	79.8
			M	17-20	0.0	0.0	2.3	17.9	79.8
			D	27-30	0.0	0.0	2.1	17.7	80.2
	5-Aug-03	1705	S	7-10	0.0	0.0	0.9	19.5	79.6
			M	17-20	0.0	0.0	2.2	17.9	79.9
			D	27-30	0.0	0.0	5.0	15.1	79.9
	5-Nov-03	1543	S	7-10	0.0	0.0	0.9	19.3	79.8
			M	17-20	0.0	0.0	1.2	19.0	79.8
			D	27-30	0.0	0.0	2.6	17.3	80.1
	3-Feb-04	1613	S	7-10	0.0	0.0	0.3	19.6	80.1
			M	17-20	0.0	0.0	1.6	18.5	79.9
			D	27-30	0.0	0.0	5.3	14.2	80.5
	5-May-04	1608	S	7-10	0.0	0.0	0.2	19.1	80.7
			M	17-20	0.0	0.0	0.4	18.5	81.1
			D	27-30	0.0	0.0	3.8	14.6	81.6
	8-Sep-04	1730	S	7-10	0.0	0.0	0.9	18.5	80.6
			M	17-20	0.0	0.0	1.5	17.6	80.9
			D	27-30	0.0	0.0	5.5	14.0	80.5
	22-Dec-04	1551	S	7-10	0.0	0.0	0.8	18.6	80.6
			M	17-20	0.0	0.0	1.8	17.8	80.4
			D	27-30	0.0	0.0	2.1	17.4	80.5
	22-Mar-05	1823	S	7-10	0.0	0.0	0.9	18.2	80.9
			M	17-20	0.0	0.0	2.1	16.7	81.2
			D	27-30	0.0	0.0	2.6	16.4	81.0
	16-Jun-05	1828	S	7-10	0.0	0.0	1.4	17.5	81.1
			M	17-20	0.0	0.0	1.3	17.3	81.4
			D	27-30	0.0	0.0	1.3	17.1	81.6
	7-Sep-05	1708	S	7-10	0.0	0.0	1.1	17.9	81.0
			M	17-20	0.0	0.0	1.0	17.8	81.2
			D	27-30	0.0	0.0	1.3	17.3	81.4
	20-Dec-05	1621	S	7-10	0.0	0.0	0.7	18.6	80.7
			M	17-20	0.0	0.0	1.6	17.8	80.6
			D	27-30	0.0	0.0	1.5	17.4	81.1
	17-Apr-06	1421	S	7-10	0.0	0.0	0.6	18.1	81.3
			M	17-20	0.0	0.0	0.8	17.8	81.4
			D	27-30	0.0	0.0	1.0	17.5	81.5
	6-Jul-06	1329	S	7-10	0.0	0.0	1.5	18.9	79.6
			M	17-20	0.0	0.0	2.2	18.2	79.6
			D	27-30	0.0	0.0	2.2	17.8	80.0
	3-Oct-06	1308	S	7-10	0.0	0.0	2.2	18.8	79.0
			M	17-20	0.0	0.0	2.6	18.1	79.3
			D	27-30	0.0	0.0	2.1	18.4	79.5
	13-Feb-07	1406	S	7-10	0.0	0.0	0.6	19.2	80.2
			M	17-20	0.0	0.0	2.2	18.1	79.7
			D	27-30	0.0	0.0	2.2	17.8	80.0
	8-May-07	1259	S	7-10	0.0	0.0	0.6	19.5	79.9
			M	17-20	0.0	0.0	1.7	18.1	80.2
			D	27-30	0.0	0.0	1.8	18.0	80.2
	2-Oct-07	1551	S	7-10	0.0	0.0	1.5	19.0	79.5
			M	17-20	0.0	0.0	2.9	17.6	79.5
			D	27-30	0.0	0.0	2.5	17.3	80.2
	18-Dec-07	1257	S	7-10	0.0	0.0	1.1	19.6	79.3
			M	17-20	0.0	0.0	4.0	17.5	78.5
			D	27-30	0.0	0.0	5.0	15.7	79.3
	24-Mar-08	1317	S	7-10	0.0	0.0	0.9	19.9	79.2
			M	17-20	0.0	0.0	1.5	19.4	79.1
			D	27-30	0.0	0.0	1.6	18.9	79.5
	3-Jun-08	1241	S	7-10	0.0	0.0	0.7	19.4	79.9
			M	17-20	0.0	0.0	1.2	18.7	80.1
			D	27-30	0.0	0.0	1.3	18.1	80.6
	24-Sep-08	1416	S	7-10	0.0	0.0	0.6	18.5	80.9
			M	17-20	0.0	0.0	0.9	18.1	81.0
			D	27-30	0.0	0.0	1.1	17.7	81.2
	16-Dec-08	1245	S	7-10	0.0	0.0	1.2	19.2	79.6
			M	17-20	0.0	0.0	2.8	18.0	79.2
			D	27-30	0.0	0.0	3.6	16.8	79.6

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-33	16-Jul-03	1434	S	6.5-9.5	0.0	0.0	2.6	16.7	80.7
			M	16.5-19.5	0.0	0.0	0.8	16.8	82.4
			D	27-30	0.0	0.0	7.7	11.2	81.1
	5-Aug-03	1716	S	6.5-9.5	0.0	0.0	3.0	16.2	80.8
			M	16.5-19.5	0.0	0.0	1.8	14.5	83.7
			D	27-30	0.0	0.0	7.3	11.5	81.2
	5-Nov-03	1559	S	6.5-9.5	0.0	0.0	3.1	15.3	81.6
			M	16.5-19.5	0.0	0.0	4.9	10.9	84.2
			D	27-30	0.0	0.0	7.8	10.9	81.3
	3-Feb-04	1619	S	6.5-9.5	0.0	0.0	1.7	17.2	81.1
			M	16.5-19.5	0.0	0.0	1.3	17.5	81.2
			D	27-30	0.0	0.0	7.8	10.7	81.5
	5-May-04	1615	S	6.5-9.5	0.0	0.0	1.6	17.3	81.1
			M	16.5-19.5	0.0	0.0	1.5	16.2	82.3
			D	27-30	0.0	0.0	6.2	11.3	82.5
	8-Sep-04	1735	S	6.5-9.5	0.0	0.0	2.8	15.8	81.4
			M	16.5-19.5	0.0	0.0	2.4	15.7	81.9
			D	27-30	0.0	0.0	7.6	10.8	81.6
	22-Dec-04	1600	S	6.5-9.5	0.0	0.0	2.3	16.1	81.6
			M	16.5-19.5	0.0	0.0	2.5	15.9	81.6
			D	27-30	0.0	0.0	5.8	13.3	80.9
	22-Mar-05	1837	S	6.5-9.5	0.0	0.0	2.3	15.9	81.8
			M	16.5-19.5	0.0	0.0	1.1	17.5	81.4
			D	27-30	0.0	0.0	1.2	17.6	81.2
	16-Jun-05	1853	S	6.5-9.5	0.0	0.0	2.6	15.4	82.0
			M	16.5-19.5	0.0	0.0	1.7	16.2	82.1
			D	27-30	0.0	0.0	1.8	16.1	82.1
	7-Sep-05	1725	S	6.5-9.5	0.0	0.0	3.2	14.8	82.0
			M	16.5-19.5	0.0	0.0	4.3	13.1	82.6
			D	27-30	0.0	0.0	1.7	16.5	81.8
	20-Dec-05	1645	S	6.5-9.5	0.0	0.0	1.4	17.2	81.4
			M	16.5-19.5	0.0	0.0	0.8	17.9	81.3
			D	27-30	0.0	0.0	1.0	17.8	81.2
	17-Apr-06	1320	S	6.5-9.5	0.0	0.0	0.9	17.0	82.1
			M	16.5-19.5	0.0	0.0	0.9	17.3	81.8
			D	27-30	0.0	0.0	0.8	17.4	81.8
	6-Jul-06	1237	S	6.5-9.5	0.0	0.0	3.4	16.1	80.5
			M	16.5-19.5	0.0	0.0	2.5	17.0	80.5
			D	27-30	0.0	0.0	1.0	18.5	80.5
	3-Oct-06	1207	S	6.5-9.5	0.0	0.0	3.7	16.2	80.1
			M	16.5-19.5	**6.0**	**0.3**	2.1	18.1	79.5
			D	27-30	**6.0**	**0.3**	1.1	19.2	79.4
	13-Feb-07	1207	S	6.5-9.5	0.0	0.0	0.7	18.7	80.6
			M	16.5-19.5	0.0	0.0	1.0	18.8	80.2
			D	27-30	0.0	0.0	0.6	19.2	80.2
	8-May-07	1211	S	6.5-9.5	0.0	0.0	2.1	17.5	80.4
			M	16.5-19.5	0.0	0.0	0.6	19.1	80.3
			D	27-30	0.0	0.0	0.2	20.0	79.8
	19-Sep-07	1906	S	6.5-9.5	0.0	0.0	3.7	15.5	80.8
			M	16.5-19.5	0.0	0.0	2.7	16.8	80.5
			D	27-30	0.0	0.0	3.1	16.5	80.4
	18-Dec-07	1210	S	6.5-9.5	0.0	0.0	0.4	20.1	79.5
			M	16.5-19.5	0.0	0.0	0.5	19.9	79.6
			D	27-30	0.0	0.0	0.5	20.2	79.3
	24-Mar-08	1231	S	6.5-9.5	0.0	0.0	2.0	18.5	79.5
			M	16.5-19.5	0.0	0.0	1.0	19.5	79.5
			D	27-30	0.0	0.0	0.8	19.6	79.6
	3-Jun-08	1201	S	6.5-9.5	0.0	0.0	1.3	18.2	80.5
			M	16.5-19.5	0.0	0.0	1.2	18.3	80.5
			D	27-30	0.0	0.0	0.3	19.4	80.3
	24-Sep-08	1315	S	6.5-9.5	0.0	0.0	0.8	17.9	81.3
			M	16.5-19.5	0.0	0.0	0.7	18.1	81.2
			D	27-30	0.0	0.0	0.1	19.2	80.7
	16-Dec-08	1203	S	6.5-9.5	0.0	0.0	2.2	17.0	80.8
			M	16.5-19.5	0.0	0.0	1.2	18.5	80.3
			D	27-30	0.0	0.0	3.8	16.0	80.2

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
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Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-34	16-Jul-03	1426	S	6.5-9.5	0.0	0.0	1.6	16.6	81.8
			M	16.5-19.5	0.0	0.0	5.8	13.7	80.5
			D	27-30	0.0	0.0	8.5	11.3	80.2
	5-Aug-03	1725	S	6.5-9.5	0.0	0.0	2.0	16.5	81.5
			M	16.5-19.5	0.0	0.0	5.3	13.8	80.9
			D	27-30	0.0	0.0	7.7	11.3	81.0
	5-Nov-03	1553	S	6.5-9.5	0.0	0.0	2.9	16.4	80.7
			M	16.5-19.5	0.0	0.0	7.1	12.9	80.0
			D	27-30	0.0	0.0	8.8	11.0	80.2
	3-Feb-04	1625	S	6.5-9.5	0.0	0.0	1.7	17.3	81.0
			M	16.5-19.5	0.0	0.0	5.4	14.0	80.6
			D	27-30	0.0	0.0	8.4	11.4	80.2
	5-May-04	1620	S	6.5-9.5	0.0	0.0	1.9	16.6	81.5
			M	16.5-19.5	0.0	0.0	3.9	14.4	81.7
			D	27-30	0.0	0.0	6.7	11.5	81.8
	8-Sep-04	1745	S	6.5-9.5	0.0	0.0	3.6	15.1	81.3
			M	16.5-19.5	0.0	0.0	4.8	14.1	81.1
			D	27-30	0.0	0.0	8.8	10.9	80.3
	22-Dec-04	1609	S	6.5-9.5	0.0	0.0	2.6	16.5	80.9
			M	16.5-19.5	0.0	0.0	6.6	13.5	79.9
			D	27-30	0.0	0.0	0.0	19.5	80.5
	22-Mar-05	1849	S	6.5-9.5	0.0	0.0	2.6	16.1	81.3
			M	16.5-19.5	0.0	0.0	6.2	13.2	80.6
			D	27-30	0.0	0.0	8.0	11.4	80.6
	16-Jun-05	1843	S	6.5-9.5	0.0	0.0	3.6	14.7	81.7
			M	16.5-19.5	0.0	0.0	5.0	13.1	81.9
			D	27-30	0.0	0.0	7.8	10.8	81.4
	7-Sep-05	1719	S	6.5-9.5	0.0	0.0	4.2	14.4	81.4
			M	16.5-19.5	0.0	0.0	6.3	12.5	81.2
			D	27-30	0.0	0.0	8.5	10.7	80.8
	20-Dec-05	1635	S	6.5-9.5	0.0	0.0	2.6	16.3	81.1
			M	16.5-19.5	0.0	0.0	6.5	13.3	80.2
			D	27-30	0.0	0.0	9.3	10.7	80.0
	17-Apr-06	1311	S	6.5-9.5	0.0	0.0	2.8	15.8	81.4
			M	16.5-19.5	**2.0**	**0.1**	5.4	13.6	80.9
			D	27-30	0.0	0.0	8.6	11.0	80.4
	6-Jul-06	1222	S	6.5-9.5	0.0	0.0	4.6	15.3	80.1
			M	16.5-19.5	0.0	0.0	4.9	14.2	80.9
			D	27-30	0.0	0.0	4.5	14.0	81.5
	3-Oct-06	1200	S	6.5-9.5	0.0	0.0	4.8	15.4	79.8
			M	16.5-19.5	0.0	0.0	6.9	13.2	79.9
			D	27-30	0.0	0.0	8.9	11.1	80.0
	13-Feb-07	1200	S	6.5-9.5	0.0	0.0	2.9	17.0	80.1
			M	16.5-19.5	0.0	0.0	6.7	14.2	79.1
			D	27-30	0.0	0.0	9.1	11.8	79.1
	8-May-07	1204	S	6.5-9.5	0.0	0.0	3.8	16.5	79.7
			M	16.5-19.5	0.0	0.0	6.8	13.8	79.4
			D	27-30	0.0	0.0	8.8	12.0	79.2
	19-Sep-07	1900	S	6.5-9.5	0.0	0.0	5.3	14.4	80.3
			M	16.5-19.5	0.0	0.0	7.5	12.1	80.4
			D	27-30	0.0	0.0	8.9	10.7	80.4
	18-Dec-07	1202	S	6.5-9.5	0.0	0.0	4.3	16.1	79.6
			M	16.5-19.5	0.0	0.0	5.7	14.6	79.7
			D	27-30	0.0	0.0	10.2	11.1	78.7
	24-Mar-08	1225	S	6.5-9.5	0.0	0.0	3.8	17.1	79.1
			M	16.5-19.5	0.0	0.0	6.8	14.0	79.2
			D	27-30	0.0	0.0	9.0	11.9	79.1
	3-Jun-08	1156	S	6.5-9.5	0.0	0.0	2.6	17.4	80.0
			M	16.5-19.5	0.0	0.0	3.5	16.1	80.4
			D	27-30	0.0	0.0	7.6	11.7	80.7
	24-Sep-08	1310	S	6.5-9.5	0.0	0.0	4.8	14.1	81.1
			M	16.5-19.5	0.0	0.0	6.8	11.8	81.4
			D	27-30	0.0	0.0	8.2	10.4	81.4
	16-Dec-08	1157	S	6.5-9.5	0.0	0.0	4.0	15.8	80.2
			M	16.5-19.5	0.0	0.0	7.6	12.8	79.6
			D	27-30	0.0	0.0	9.3	10.8	79.9

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-35	16-Jul-03	1440	S	6.5-9.5	0.0	0.0	0.0	19.2	80.8
			M	16.5-19.5	0.0	0.0	2.6	14.5	82.9
			D	27-30	0.0	0.0	9.7	10.1	80.2
	5-Aug-03	1736	S	6.5-9.5	0.0	0.0	1.3	14.9	83.8
			M	16.5-19.5	0.0	0.0	4.8	13.5	81.7
			D	27-30	0.0	0.0	8.8	10.0	81.2
	5-Nov-03	1606	S	6.5-9.5	0.0	0.0	1.9	16.9	81.2
			M	16.5-19.5	0.0	0.0	7.1	12.1	80.8
			D	27-30	0.0	0.0	9.7	9.4	80.9
	3-Feb-04	1631	S	6.5-9.5	0.0	0.0	2.2	17.4	80.4
			M	16.5-19.5	0.0	0.0	5.6	13.0	81.4
			D	27-30	0.0	0.0	9.7	9.2	81.1
	5-May-04	1626	S	6.5-9.5	0.0	0.0	1.2	18.5	80.3
			M	16.5-19.5	0.0	0.0	4.3	13.6	82.1
			D	27-30	0.0	0.0	7.9	10.0	82.1
	8-Sep-04	1750	S	6.5-9.5	0.0	0.0	5.1	13.6	81.3
			M	16.5-19.5	0.0	0.0	6.7	12.2	81.1
			D	27-30	0.0	0.0	9.5	9.8	80.7
	22-Dec-04	1621	S	6.5-9.5	0.0	0.0	2.9	10.2	86.9
			M	16.5-19.5	0.0	0.0	3.1	9.4	87.5
			D	27-30	0.0	0.0	4.8	6.9	88.3
	22-Mar-05	1911	S	6.5-9.5	0.0	0.0	3.9	14.1	82.0
			M	16.5-19.5	0.0	0.0	6.1	12.6	81.3
			D	27-30	0.0	0.0	9.9	9.3	80.8
	16-Jun-05	1908	S	6.5-9.5	0.0	0.0	4.6	13.2	82.2
			M	16.5-19.5	0.0	0.0	5.7	12.3	82.0
			D	27-30	0.0	0.0	8.5	9.6	81.9
	7-Sep-05	1734	S	6.5-9.5	0.0	0.0	5.0	13.5	81.5
			M	16.5-19.5	0.0	0.0	0.7	18.1	81.2
			D	27-30	0.0	0.0	8.7	9.9	81.4
	20-Dec-05	1656	S	6.5-9.5	0.0	0.0	4.4	13.0	82.6
			M	16.5-19.5	0.0	0.0	6.8	11.7	81.5
			D	27-30	0.0	0.0	10.1	9.0	80.9
	17-Apr-06	1330	S	6.5-9.5	0.0	0.0	2.3	16.6	81.1
			M	16.5-19.5	0.0	0.0	5.1	12.8	82.1
			D	27-30	0.0	0.0	0.7	17.4	81.9
	6-Jul-06	1245	S	6.5-9.5	0.0	0.0	4.8	16.2	79.0
			M	16.5-19.5	0.0	0.0	5.4	13.0	81.6
			D	27-30	0.0	0.0	4.5	18.0	77.5
	3-Oct-06	1222	S	6.5-9.5	0.0	0.0	5.9	14.2	79.9
			M	16.5-19.5	0.0	0.0	7.2	12.2	80.6
			D	27-30	0.0	0.0	8.2	10.1	81.7
	13-Feb-07	1215	S	6.5-9.5	0.0	0.0	4.5	14.9	80.6
			M	16.5-19.5	0.0	0.0	6.4	13.1	80.5
			D	27-30	0.0	0.0	10.1	10.0	79.9
	8-May-07	1219	S	6.5-9.5	0.0	0.0	1.7	18.5	79.8
			M	16.5-19.5	0.0	0.0	6.3	13.2	80.5
			D	27-30	0.0	0.0	0.2	19.6	80.2
	19-Sep-07	1912	S	6.5-9.5	0.0	0.0	6.0	14.9	79.1
			M	16.5-19.5	0.0	0.0	7.1	11.9	81.0
			D	27-30	0.0	0.0	8.3	9.7	82.0
	18-Dec-07	1220	S	6.5-9.5	0.0	0.0	5.8	14.0	80.2
			M	16.5-19.5	0.0	0.0	7.9	12.2	79.9
			D	27-30	0.0	0.0	10.2	9.9	79.9
	24-Mar-08	1238	S	6.5-9.5	0.0	0.0	1.2	19.4	79.4
			M	16.5-19.5	0.0	0.0	6.7	13.0	80.3
			D	27-30	0.0	0.0	1.0	19.4	79.6
	3-Jun-08	1209	S	6.5-9.5	0.0	0.0	2.9	17.8	79.3
			M	16.5-19.5	0.0	0.0	5.9	13.0	81.1
			D	27-30	0.0	0.0	2.3	17.0	80.7
	24-Sep-08	1335	S	6.5-9.5	0.0	0.0	4.9	13.6	81.5
			M	16.5-19.5	0.0	0.0	6.2	11.7	82.1
			D	27-30	0.0	0.0	7.9	9.6	82.5
	16-Dec-08	1211	S	6.5-9.5	0.0	0.0	5.5	13.8	80.7
			M	16.5-19.5	0.0	0.0	7.5	12.1	80.4
			D	27-30	0.0	0.0	9.8	9.6	80.6

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-36	16-Jul-03	1446	S	6.5-9.5	0.0	0.0	5.3	15.2	79.5
			M	16.5-19.5	0.0	0.0	5.9	14.7	79.4
			D	27-30	0.0	0.0	6.9	13.7	79.4
	5-Aug-03	1745	S	6.5-9.5	0.0	0.0	3.8	16.2	80.0
			M	16.5-19.5	0.0	0.0	4.8	15.6	79.6
			D	27-30	0.0	0.0	6.3	14.1	79.6
	5-Nov-03	1613	S	6.5-9.5	0.0	0.0	3.0	17.0	80.0
			M	16.5-19.5	0.0	0.0	0.0	20.4	79.6
			D	27-30	0.0	0.0	0.0	20.4	79.6
	3-Feb-04	1640	S	6.5-9.5	0.0	0.0	3.2	16.3	80.5
			M	16.5-19.5	0.0	0.0	4.8	14.9	80.3
			D	27-30	0.0	0.0	6.8	13.2	80.0
	5-May-04	1634	S	6.5-9.5	0.0	0.0	3.1	15.8	81.1
			M	16.5-19.5	0.0	0.0	1.4	17.8	80.8
			D	27-30	0.0	0.0	5.1	13.8	81.1
	8-Sep-04	1755	S	6.5-9.5	0.0	0.0	4.5	15.4	80.1
			M	16.5-19.5	0.0	0.0	5.6	14.7	79.7
			D	27-30	0.0	0.0	7.0	13.4	79.6
	22-Dec-04	1631	S	6.5-9.5	0.0	0.0	1.9	18.0	80.1
			M	16.5-19.5	0.0	0.0	0.5	19.3	80.2
			D	27-30	0.0	0.0	0.3	19.6	80.1
	22-Mar-05	1900	S	6.5-9.5	0.0	0.0	2.6	16.3	81.1
			M	16.5-19.5	0.0	0.0	1.0	18.2	80.8
			D	27-30	0.0	0.0	6.7	13.1	80.2
	16-Jun-05	1920	S	6.5-9.5	**2.0**	**0.1**	4.7	14.6	80.6
			M	16.5-19.5	0.0	0.0	4.1	15.1	80.8
			D	27-30	0.0	0.0	6.6	12.9	80.5
	7-Sep-05	1743	S	6.5-9.5	0.0	0.0	3.3	15.9	80.8
			M	16.5-19.5	0.0	0.0	1.3	17.6	81.1
			D	27-30	0.0	0.0	0.4	18.6	81.0
	20-Dec-05	1706	S	6.5-9.5	0.0	0.0	2.7	16.4	80.9
			M	16.5-19.5	0.0	0.0	0.5	18.6	80.9
			D	27-30	0.0	0.0	0.2	18.9	80.9
	17-Apr-06	1347	S	6.5-9.5	0.0	0.0	2.5	16.2	81.3
			M	16.5-19.5	0.0	0.0	1.1	17.4	81.5
			D	27-30	0.0	0.0	0.4	18.3	81.3
	6-Jul-06	1253	S	6.5-9.5	0.0	0.0	1.5	18.6	79.9
			M	16.5-19.5	0.0	0.0	0.3	19.3	80.4
			D	27-30	0.0	0.0	0.3	19.4	80.3
	3-Oct-06	1232	S	6.5-9.5	0.0	0.0	2.6	18.1	79.3
			M	16.5-19.5	0.0	0.0	0.7	19.7	79.6
			D	27-30	0.0	0.0	0.4	20.1	79.5
	13-Feb-07	1249	S	6.5-9.5	0.0	0.0	3.2	17.3	79.5
			M	16.5-19.5	0.0	0.0	3.0	17.6	79.4
			D	27-30	0.0	0.0	1.9	18.5	79.6
	8-May-07	1235	S	6.5-9.5	0.0	0.0	0.9	18.7	80.4
			M	16.5-19.5	0.0	0.0	0.1	20.3	79.6
			D	27-30	0.0	0.0	0.1	20.6	79.3
	19-Sep-07	1921	S	6.5-9.5	0.0	0.0	4.4	16.1	79.5
			M	16.5-19.5	0.0	0.0	4.0	16.3	79.7
			D	27-30	0.0	0.0	6.9	13.4	79.7
	18-Dec-07	1230	S	6.5-9.5	0.0	0.0	2.9	18.2	78.9
			M	16.5-19.5	0.0	0.0	1.0	19.5	79.5
			D	27-30	0.0	0.0	0.6	20.0	79.4
	24-Mar-08	1245	S	6.5-9.5	0.0	0.0	4.2	17.0	78.8
			M	16.5-19.5	0.0	0.0	1.9	19.0	79.1
			D	27-30	0.0	0.0	1.1	19.5	79.4
	3-Jun-08	1216	S	6.5-9.5	0.0	0.0	3.0	17.4	79.6
			M	16.5-19.5	0.0	0.0	1.8	18.1	80.1
			D	27-30	0.0	0.0	0.7	19.2	80.1
	24-Sep-08	1347	S	6.5-9.5	0.0	0.0	1.6	17.4	81.0
			M	16.5-19.5	0.0	0.0	0.3	18.7	81.0
			D	27-30	0.0	0.0	0.1	19.1	80.8
	16-Dec-08	1217	S	6.5-9.5	0.0	0.0	3.8	16.8	79.4
			M	16.5-19.5	0.0	0.0	2.3	18.0	79.7
			D	27-30	0.0	0.0	6.5	14.4	79.1

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-37	16-Jul-03	1453	S	6.5-9.5	0.0	0.0	1.2	18.9	79.9
			M	16.5-19.5	0.0	0.0	2.5	17.8	79.7
			D	27-30	0.0	0.0	4.7	15.6	79.7
	5-Aug-03	1755	S	6.5-9.5	0.0	0.0	0.9	19.7	79.4
			M	16.5-19.5	0.0	0.0	2.2	18.5	79.3
			D	27-30	0.0	0.0	4.1	16.2	79.7
	5-Nov-03	1620	S	6.5-9.5	0.0	0.0	0.6	19.7	79.7
			M	16.5-19.5	0.0	0.0	0.0	20.5	79.5
			D	27-30	0.0	0.0	0.0	20.5	79.5
	3-Feb-04	1646	S	6.5-9.5	0.0	0.0	1.1	18.8	80.1
			M	16.5-19.5	0.0	0.0	3.1	16.6	80.3
			D	27-30	0.0	0.0	4.7	15.0	80.3
	5-May-04	1643	S	6.5-9.5	0.0	0.0	0.4	18.7	80.9
			M	16.5-19.5	0.0	0.0	0.4	18.7	80.9
			D	27-30	0.0	0.0	3.4	15.4	81.2
	8-Sep-04	1800	S	6.5-9.5	0.0	0.0	1.1	18.6	80.3
			M	16.5-19.5	0.0	0.0	3.3	16.6	80.1
			D	27-30	0.0	0.0	0.8	18.7	80.5
	22-Dec-04	1640	S	6.5-9.5	0.0	0.0	1.1	18.7	80.2
			M	16.5-19.5	0.0	0.0	0.0	20.1	79.9
			D	27-30	0.0	0.0	0.0	20.1	79.9
	22-Mar-05	1923	S	6.5-9.5	0.0	0.0	1.4	17.6	81.0
			M	16.5-19.5	0.0	0.0	1.4	17.6	81.0
			D	27-30	0.0	0.0	1.5	17.6	80.9
	16-Jun-05	1933	S	6.5-9.5	0.0	0.0	2.1	17.0	80.9
			M	16.5-19.5	**2.0**	**0.1**	1.4	17.5	81.0
			D	27-30	**2.0**	**0.1**	1.3	17.3	81.3
	7-Sep-05	1750	S	6.5-9.5	0.0	0.0	0.7	18.5	80.8
			M	16.5-19.5	0.0	0.0	0.7	18.3	81.0
			D	27-30	0.0	0.0	0.9	18.2	80.9
	20-Dec-05	1714	S	6.5-9.5	0.0	0.0	0.7	18.6	80.7
			M	16.5-19.5	0.0	0.0	0.7	18.3	81.0
			D	27-30	0.0	0.0	0.8	18.3	80.9
	17-Apr-06	1356	S	6.5-9.5	0.0	0.0	1.1	17.6	81.3
			M	16.5-19.5	0.0	0.0	1.9	16.6	81.5
			D	27-30	0.0	0.0	1.1	17.3	81.6
	6-Jul-06	1300	S	6.5-9.5	0.0	0.0	1.0	19.2	79.8
			M	16.5-19.5	0.0	0.0	0.8	19.2	80.0
			D	27-30	0.0	0.0	1.1	19.1	79.8
	3-Oct-06	1240	S	6.5-9.5	0.0	0.0	1.4	19.2	79.4
			M	16.5-19.5	0.0	0.0	1.4	19.4	79.2
			D	27-30	0.0	0.0	1.5	19.0	79.5
	13-Feb-07	1241	S	6.5-9.5	0.0	0.0	1.2	18.8	80.0
			M	16.5-19.5	0.0	0.0	2.2	18.1	79.7
			D	27-30	0.0	0.0	1.5	18.6	79.9
	8-May-07	1240	S	6.5-9.5	0.0	0.0	1.0	19.2	79.8
			M	16.5-19.5	0.0	0.0	2.6	17.4	80.0
			D	27-30	0.0	0.0	1.4	18.1	80.5
	19-Sep-07	1929	S	6.5-9.5	0.0	0.0	1.6	18.6	79.8
			M	16.5-19.5	0.0	0.0	2.0	18.3	79.7
			D	27-30	0.0	0.0	1.9	18.3	79.8
	18-Dec-07	1237	S	6.5-9.5	0.0	0.0	1.3	19.3	79.4
			M	16.5-19.5	0.0	0.0	1.7	19.0	79.3
			D	27-30	0.0	0.0	1.6	19.1	79.3
	24-Mar-08	1254	S	6.5-9.5	0.0	0.0	1.7	19.2	79.1
			M	16.5-19.5	0.0	0.0	1.4	19.4	79.2
			D	27-30	0.0	0.0	1.8	19.0	79.2
	3-Jun-08	1222	S	6.5-9.5	0.0	0.0	1.1	19.0	79.9
			M	16.5-19.5	0.0	0.0	1.2	18.9	79.9
			D	27-30	0.0	0.0	1.9	18.0	80.1
	24-Sep-08	1352	S	6.5-9.5	0.0	0.0	0.6	18.6	80.8
			M	16.5-19.5	0.0	0.0	0.5	18.4	81.1
			D	27-30	0.0	0.0	0.8	18.2	81.0
	16-Dec-08	1224	S	6.5-9.5	0.0	0.0	1.8	18.5	79.7
			M	16.5-19.5	0.0	0.0	1.8	18.4	79.8
			D	27-30	0.0	0.0	2.0	18.2	79.8

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-38	16-Jul-03	1458	S	6.5-9.5	0.0	0.0	1.6	18.4	80.0
			M	16.5-19.5	0.0	0.0	2.1	17.8	80.1
			D	27-30	0.0	0.0	2.9	16.8	80.3
	5-Aug-03	1805	S	6.5-9.5	0.0	0.0	1.4	19.0	79.6
			M	16.5-19.5	0.0	0.0	1.7	18.5	79.8
			D	27-30	0.0	0.0	2.4	17.4	80.2
	5-Nov-03	1628	S	6.5-9.5	0.0	0.0	1.1	19.2	79.7
			M	16.5-19.5	0.0	0.0	0.0	20.5	79.5
			D	27-30	0.0	0.0	0.0	20.5	79.5
	3-Feb-04	1654	S	6.5-9.5	0.0	0.0	0.9	19.0	80.1
			M	16.5-19.5	0.0	0.0	1.5	18.2	80.3
			D	27-30	0.0	0.0	2.6	17.2	80.2
	5-May-04	1649	S	6.5-9.5	0.0	0.0	0.4	18.7	80.9
			M	16.5-19.5	0.0	0.0	1.1	18.1	80.8
			D	27-30	0.0	0.0	1.8	17.0	81.2
	8-Sep-04	1810	S	6.5-9.5	0.0	0.0	1.2	18.6	80.2
			M	16.5-19.5	0.0	0.0	2.0	17.7	80.3
			D	27-30	0.0	0.0	2.6	16.7	80.7
	22-Dec-04	1655	S	6.5-9.5	0.0	0.0	0.4	19.4	80.2
			M	16.5-19.5	0.0	0.0	0.0	20.0	80.0
			D	27-30	0.0	0.0	0.0	20.1	79.9
	22-Mar-05	1935	S	6.5-9.5	0.0	0.0	1.2	17.8	81.0
			M	16.5-19.5	0.0	0.0	0.4	18.8	80.8
			D	27-30	0.0	0.0	0.5	18.5	81.0
	16-Jun-05	1944	S	6.5-9.5	**4.0**	**0.2**	1.8	17.2	80.8
			M	16.5-19.5	**2.0**	**0.1**	1.3	17.6	81.0
			D	27-30	**2.0**	**0.1**	2.6	15.8	81.5
	7-Sep-05	1757	S	6.5-9.5	0.0	0.0	1.3	17.8	80.9
			M	16.5-19.5	0.0	0.0	2.1	16.9	81.0
			D	27-30	0.0	0.0	0.4	18.6	81.0
	20-Dec-05	1719	S	6.5-9.5	0.0	0.0	0.8	18.5	80.7
			M	16.5-19.5	0.0	0.0	0.7	18.6	80.7
			D	27-30	0.0	0.0	0.1	19.1	80.8
	17-Apr-06	1402	S	6.5-9.5	0.0	0.0	0.8	17.9	81.3
			M	16.5-19.5	0.0	0.0	0.4	18.1	81.5
			D	27-30	0.0	0.0	0.2	18.4	81.4
	6-Jul-06	1306	S	6.5-9.5	0.0	0.0	1.0	19.2	79.8
			M	16.5-19.5	0.0	0.0	1.7	18.5	79.8
			D	27-30	0.0	0.0	0.1	19.6	80.3
	3-Oct-06	1255	S	6.5-9.5	0.0	0.0	1.3	19.3	79.4
			M	16.5-19.5	0.0	0.0	1.1	19.3	79.6
			D	27-30	0.0	0.0	0.2	20.1	79.7
	13-Feb-07	1233	S	6.5-9.5	0.0	0.0	0.5	19.5	80.0
			M	16.5-19.5	0.0	0.0	0.7	19.4	79.9
			D	27-30	0.0	0.0	0.4	19.9	79.7
	8-May-07	1246	S	6.5-9.5	0.0	0.0	0.3	20.1	79.6
			M	16.5-19.5	0.0	0.0	0.3	20.0	79.7
			D	27-30	0.0	0.0	0.1	20.5	79.4
	19-Sep-07	1938	S	6.5-9.5	0.0	0.0	2.0	18.3	79.7
			M	16.5-19.5	0.0	0.0	1.9	18.4	79.7
			D	27-30	0.0	0.0	1.2	18.8	80.0
	18-Dec-07	1244	S	6.5-9.5	0.0	0.0	0.9	19.8	79.3
			M	16.5-19.5	0.0	0.0	0.8	19.7	79.5
			D	27-30	0.0	0.0	0.3	20.3	79.4
	24-Mar-08	1301	S	6.5-9.5	0.0	0.0	1.2	19.8	79.0
			M	16.5-19.5	0.0	0.0	1.1	19.5	79.4
			D	27-30	0.0	0.0	2.0	18.8	79.2
	3-Jun-08	1228	S	6.5-9.5	0.0	0.0	0.7	19.3	80.0
			M	16.5-19.5	0.0	0.0	1.2	18.9	79.9
			D	27-30	0.0	0.0	0.8	19.1	80.1
	24-Sep-08	1400	S	6.5-9.5	0.0	0.0	0.5	18.5	81.0
			M	16.5-19.5	0.0	0.0	0.4	18.4	81.2
			D	27-30	0.0	0.0	0.0	19.0	81.0
	16-Dec-08	1230	S	6.5-9.5	0.0	0.0	1.3	18.8	79.9
			M	16.5-19.5	0.0	0.0	1.3	18.9	79.8
			D	27-30	0.0	0.0	3.2	17.4	79.4

LANDFILL GAS MONITORING RESULTS
San Antonio Landfill
Table 2
Albuquerque, New Mexico

Well ID	Date	Time	Probe	Screened Interval (FT)	% LEL	% Methane	% Carbon Dioxide	% Oxygen	% Nitrogen
SAMW-39	16-Jul-03	1505	S	6.5-9.5	0.0	0.0	0.4	19.5	80.1
			M	16.5-19.5	0.0	0.0	0.0	20.0	80.0
			D	27-30	0.0	0.0	1.0	18.6	80.4
	5-Aug-03	1815	S	6.5-9.5	0.0	0.0	0.3	20.5	79.2
			M	16.5-19.5	0.0	0.0	0.0	20.7	79.3
			D	27-30	0.0	0.0	0.8	19.6	79.6
	5-Nov-03	1635	S	6.5-9.5	0.0	0.0	0.1	20.1	79.8
			M	16.5-19.5	0.0	0.0	0.0	20.3	79.7
			D	27-30	0.0	0.0	0.0	20.5	79.5
	3-Feb-04	1659	S	6.5-9.5	0.0	0.0	0.1	19.8	80.1
			M	16.5-19.5	0.0	0.0	0.2	19.7	80.1
			D	27-30	0.0	0.0	0.8	18.9	80.3
	5-May-04	1654	S	6.5-9.5	0.0	0.0	0.0	19.8	80.2
			M	16.5-19.5	0.0	0.0	0.1	19.5	80.4
			D	27-30	0.0	0.0	0.3	18.7	81.0
	8-Sep-04	1820	S	6.5-9.5	0.0	0.0	0.3	19.4	80.3
			M	16.5-19.5	0.0	0.0	0.4	19.4	80.2
			D	27-30	0.0	0.0	0.7	18.7	80.6
	22-Dec-04	1705	S	6.5-9.5	0.0	0.0	0.1	19.7	80.2
			M	16.5-19.5	0.0	0.0	0.0	20.1	79.9
			D	27-30	0.0	0.0	0.1	20.0	79.9
	22-Mar-05	1945	S	6.5-9.5	0.0	0.0	0.3	18.9	80.8
			M	16.5-19.5	0.0	0.0	0.1	19.4	80.5
			D	27-30	0.0	0.0	0.0	19.5	80.5
	16-Jun-05	1956	S	6.5-9.5	0.0	0.0	0.4	18.6	81.0
			M	16.5-19.5	0.0	0.0	0.5	18.5	81.0
			D	27-30	0.0	0.0	0.5	18.4	81.1
	7-Sep-05	1805	S	6.5-9.5	0.0	0.0	0.3	18.8	80.9
			M	16.5-19.5	0.0	0.0	0.2	19.1	80.7
			D	27-30	0.0	0.0	0.1	19.1	80.8
	20-Dec-05	1726	S	6.5-9.5	0.0	0.0	0.2	19.2	80.6
			M	16.5-19.5	0.0	0.0	0.1	19.2	80.7
			D	27-30	0.0	0.0	0.0	19.1	80.9
	17-Apr-06	1407	S	6.5-9.5	0.0	0.0	0.1	18.7	81.2
			M	16.5-19.5	0.0	0.0	0.1	18.7	81.2
			D	27-30	0.0	0.0	0.0	18.9	81.1
	6-Jul-06	1312	S	6.5-9.5	0.0	0.0	0.1	19.9	80.0
			M	16.5-19.5	0.0	0.0	0.0	20.0	80.0
			D	27-30	0.0	0.0	0.0	20.0	80.0
	3-Oct-06	1249	S	6.5-9.5	0.0	0.0	0.8	19.0	80.2
			M	16.5-19.5	0.0	0.0	1.1	18.6	80.3
			D	27-30	0.0	0.0	0.3	20.0	79.7
	13-Feb-07	1227	S	6.5-9.5	0.0	0.0	0.4	19.6	80.0
			M	16.5-19.5	0.0	0.0	0.4	19.7	79.9
			D	27-30	0.0	0.0	0.3	20.0	79.7
	8-May-07	1251	S	6.5-9.5	0.0	0.0	0.1	20.4	79.5
			M	16.5-19.5	0.0	0.0	0.0	20.8	79.2
			D	27-30	0.0	0.0	0.0	20.6	79.4
	19-Sep-07	1949	S	6.5-9.5	0.0	0.0	2.1	17.7	80.2
			M	16.5-19.5	0.0	0.0	1.2	18.7	80.1
			D	27-30	0.0	0.0	2.1	17.2	80.7
	18-Dec-07	1249	S	6.5-9.5	0.0	0.0	0.8	19.9	79.3
			M	16.5-19.5	0.0	0.0	0.7	19.8	79.5
			D	27-30	0.0	0.0	0.4	20.2	79.4
	24-Mar-08	1307	S	6.5-9.5	0.0	0.0	0.7	20.1	79.2
			M	16.5-19.5	0.0	0.0	0.3	20.5	79.2
			D	27-30	0.0	0.0	1.3	19.1	79.6
	3-Jun-08	1233	S	6.5-9.5	0.0	0.0	0.3	19.7	80.0
			M	16.5-19.5	0.0	0.0	0.3	19.8	79.9
			D	27-30	0.0	0.0	0.0	19.9	80.1
	24-Sep-08	1406	S	6.5-9.5	0.0	0.0	0.3	18.8	80.9
			M	16.5-19.5	0.0	0.0	0.2	18.8	81.0
			D	27-30	0.0	0.0	0.0	19.2	80.8
	16-Dec-08	1235	S	6.5-9.5	0.0	0.0	0.9	19.4	79.7
			M	16.5-19.5	0.0	0.0	0.6	19.6	79.8
			D	27-30	0.0	0.0	2.1	17.8	80.1

Notes: Measurements taken using a Landtec GEM-500 Analyzer
Measured amounts of Methane and % Lower Explosive Limits (LEL) in BOLD
* = Measurement observed then returned to 0.0 reading

Table 3
Most Recent Data – Private LFG Monitoring Wells
Former San Antonio Landfill
Albuquerque, New Mexico

Location (Date)	LFG MW		VOCs (meter units)	H_2S (ppm)	LEL (%)	O_2 (%)	CH_4 (%)	CO (ppm)	CO_2 (%)	CO_2 Avg. (ppm)	CO_2 Peak (ppm)	Balance (%)
	Well	Depth										
Homewood Suites (12/03/2008)	LFG-1	6' – 11'	0	0	0	17.3	0	0	NA	>10,000		NA
	LFG-1	16' – 36'	0	0	0	20.4	0	0	NA	400	410	NA
	LFG-2	3' – 6'	0	0	0	20.0	0	0	NA	790	6,250	NA
	LFG-2	10' – 20'	0	0	0	20.5	0	0	NA	330	340	NA
Hilton Garden (07/21/2006)	LFGMW-1	NA	0	0	0	17.2	0	1	NA	>10,000		NA
	LFGMW-2	NA	0	0	0	14.8	0	1	NA	>10,000		NA
	LFGMW-3	NA	0	0	0	15.2	0	1	NA	>10,000		NA
	LFGMW-4	NA	0	0	0	13.5	0	0	NA	>10,000		NA
NMED Building (02/13/2009)	MMW-1	NA	NA	NA	0	NA	0.0	NA	6.6	NA	NA	NA
	MMW-2	NA	NA	NA	0	NA	0.0	NA	9.0	NA	NA	NA
	MMW-3	NA	NA	NA	34	NA	1.7	NA	21.4	NA	NA	NA
	MMW-4	NA	NA	NA	36	NA	1.8	NA	21.6	NA	NA	NA
	MMW-5	NA	NA	NA	2	NA	0.1	NA	13.1	NA	NA	NA
	MMW-6	NA	NA	NA	24	NA	1.2	NA	23.7	NA	NA	NA
	MMW-7	NA	NA	NA	34	NA	1.7	NA	16.6	NA	NA	NA
	MMW-8	NA	NA	NA	0	NA	0.0	NA	19.8	NA	NA	NA
	MMW-9	NA	NA	NA	0	NA	0.0	NA	6.0	NA	NA	NA

Notes: NA = Information not available

Table 4
LFG Monitoring Criteria
Former San Antonio Landfill
Albuquerque, New Mexico

Criteria	Outcome
If landfill gas monitoring results are <1% of the LEL over four quarters	AEHD will consider decreasing the monitoring frequency to twice per year (semiannually).
If landfill gas monitoring results in all wells remain < 1% of the LEL	AEHD will consider reducing the number of landfill gas wells monitored semiannually.
If landfill gas monitoring results remain <1% of the LEL	AEHD will consider reducing the landfill buffer zone from 1000 feet to 500 feet.
If landfill gas monitoring results are >1% of the LEL	AEHD will consider installing additional landfill gas monitoring wells.
Conduct landfill gas modeling	AEHD will evaluate the need for continued landfill gas monitoring by applying the landfill gas model results.
Increased development on or near landfill	AEHD will evaluate landfill gas monitoring frequency.
Increased moisture/ponding on landfill	AEHD will watch for increased landfill gas concentrations during landfill gas monitoring. Such an increase in landfill gas may be caused by increased moisture.