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FINAL
SEMI-ANNUAL OPERATIONS, MAINTENANCE, AND MONITORING STATUS AND EVALUATION REPORT

OCTOBER 2008 THROUGH MARCH 2009

Prepared for

United States Environmental Protection Agency

Prepared by

Project Navigator, Ltd.
TRC
Terradex, Inc.

On Behalf of

Waste Disposal, Inc. Group (WDIG)

Project No. 165269.0000.0000
December 2009

Michael J. Skinner Consulting, LLC

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December 21, 2009

Project No. 1566626.0000.0000

Mr. Russell Mechem
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75 Hawthorne Street
San Francisco, CA 94105-3901

Transmittal
Semi-Annual, Maintenance, and Monitoring Status Evaluation Report
October 2008 through March 2009
Waste Disposal Inc. Superfund Site
Santa Fe Springs, California

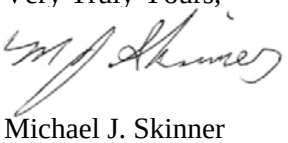
Dear Russell:

Enclosed please find one copy and an electronic version (2 sets of CDs) of the Semi-Annual Operations, Maintenance, and Monitoring Status (OM&M) Report for the period of October 2008 through March 2009 for the Waste Disposal, Inc. (WDI) Superfund Site in Santa Fe Springs, California. This document satisfies the requirement for reporting of the Final Operations, Maintenance, and Monitoring Plan (OMMP) and the Institutional Controls Monitoring and Enforcement Work plan.

The results of monitoring demonstrate that the remedy is performing as intended in controlling risks associated with the Site as discussed in detail throughout the report.

If you have any questions or comments, please call me at (856) 429-5336

Very Truly Yours,



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EXECUTIVE SUMMARY

This Semi-Annual Report has been jointly prepared for the Waste Disposal Inc, Superfund Site ("the Site"), located in Santa Fe Springs, CA, by Project Navigator, LTD. (PNL) and TRC Solutions on the behalf of the Waste Disposal Inc, Group (WDIG). This report documents that operations and maintenance are being performed in accordance to the OMMP, the remedial action is functioning as designed, and the remedial actions remain protective of public health and the environment. This report discusses the gas, in-business air, sentinel biovent, leachate, soil gas, surface emission, groundwater and storm water remedial activities performed at the WDI Superfund Site.

Operations:

Based on the OMMP criteria the gas migration control system was converted to passive mode in December 2007 since minimal levels of organic vapor were being extracted from the reservoir when it was active. Current results demonstrate that methane and Total Gaseous Non-Methane Organics (TGNMO) concentrations continue to decrease and are below active mode criteria. Based on the current results, the reservoir gas collection system will continue to operate in the passive mode. The sentinel biovent well system is a secondary Gas Migration Control System for the WDI Site. Vapor samples were not collected from the biovent wells as their purpose is to allow air infiltration for natural biodegradation.. Therefore, unless migration of contaminants is confirmed in future monitoring data, it is recommended that the Biovent Well baroball valves remain open.

Based on the results presented liquids management strategy implemented during the first 30 months of OM&M was successful in reducing and/or maintaining the liquid levels. The results indicate that liquids in LC-1 and LC-3 have steadily decreased during this reporting period, but, this well will continue to be monitored and bailed weekly.

Monitoring:

Compliance vapor results from this reporting period continued to indicate minimal to no gas migration from the remaining waste. In addition, the only constituents that have been detected above SGPS in the compliance wells since remedy completion are benzene, chloroform and TCE and are historically consistent with background levels. Therefore, based on the Decision Matrix Criteria for Soil Gas Monitoring Data, it is recommended that the monitoring frequency of Compliance Vapor Wells be reduced from semi-annual to annual, and the number of constituents tested for be reduced to those three noted

above. While non-compliance vapor wells results show methane concentrations have decreased significantly from concentrations detected prior to remedy implementation. VOC levels for COC ranged from non-detect to concentrations similar to maximum historical levels. Overall the data shows that soil gas monitored by the vapor wells has generally shown little change in VOC concentrations of SGPS constituents after remedy implementation. Results from this report support consideration of a reduction in the number of VOCs being tested for as well as a further reduction in the frequency of sampling. Therefore, it is recommended the sampling frequency for Compliance and Non-Compliance Vapor Wells be reduced from semi-annual to annual and the collected samples be analyzed for only benzene, chloroform and TCE.

In-business air monitoring results indicate that gas migration to in-business air locations is not occurring. The results indicate that most of the constituents analyzed were below the IATLs. However benzene, TCE, PCE and toluene were detected above their IATLs but are likely associated with tenants' activities. These results demonstrate a reduced monitoring frequency from quarterly semi-annually is justified since there have been no indications of IATL exceedance over four consecutive quarters that are due to site conditions. Therefore, it is also recommended that the in-business air samples and background samples only be tested for these four constituents. Surface emissions are monitored at two monitoring locations. Ambient air monitoring continues to provide valuable information to assist in the interpretation of in-business air monitoring results. The frequency of monitoring should continue to match that of in-business air monitoring.

Ground water monitoring results from this reporting period indicate, and consistent with the EPA's earlier findings, that remaining WDI waste contaminants are not migrating into the ground water. Based on the results, there are no indications that site constituents have impacted ground water. This same assessment has been documented since monitoring began in 1999. Therefore, pursuant to the Decision Matrix Criteria for Ground Water Monitoring, it is recommended that monitoring frequency be revised to bi-annual. During this reporting period no storm water sampling was conducted since their was no significant rain fall event.

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ABBREVIATIONS/ACRONYMS

AO	Administrative Order
AAO	Amended Administrative Order
ARARs	Applicable or Relevant and Appropriate Requirements
AROD	Amended Record of Decision
BMP's	Best Management Practices
BTEX	benzene, toluene, ethylbenzene and xylenes
°C	Celsius
CD	Consent Decree
CERCLA	Comprehensive Environmental Response, Compensation and Liability
CIWMBs	California Integrated Waste Management Board's
CTP	Compliance Testing Plan
COCs	Chemicals of Concern
CRQL	Contract Report Quantitation Limit
CTR	Compliance Testing Report
DNAPL	dense nonaqueous phase liquids
DTSC	Department of Toxic Substances Control
DTW	depth to water
EPA	U.S. Environmental Protection Agency
ERC	Environmental Restriction Covenant
fbg	feet below grade
FID	flame ionization detector
FSBOs	For Sale by Owners
gpd	gallons per day
HASP	Health and Safety Plan
IATLs	indoor air threshold levels
IC	Institutional Controls
ICMEWP	Institutional Controls Monitoring and Enforcement Workplan
ITLs	Interim Threshold Levels
LC	Leachate Collection
LNAPL	light nonaqueous phase liquids
MCLs	maximum contaminant levels
MDLs	method detection limits
µg/L	micrograms per liter

ABBREVIATIONS/ACRONYMS
(Continued)

mg/L	milligrams per liter
MLS	multiple listing services
NMOC	non-methane organic carbon
NPL	National Priorities List
O&M	Operation and Maintenance
OM&M	Operations, Maintenance, and Monitoring
OMMP	Operations Maintenance and Monitoring Plan
PCBs	Polychlorinated biphenyls
PCE	tetrachloroethene
PELs	Permissible Exposure Limits
PID	photoionization detector
POC	Point of Compliance
ppbv	parts per billion by volume
PPE	personal protective equipment
ppm	parts per million
ppmv	parts per million by volume
PRP's	potentially responsible parties
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RAWP	Remedial Action Workplan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RV	recreational vehicle
SAP	Sampling and Analysis Plan
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic foot per minute
SFS	Supplemental Feasibility Study
SGPSs	soil gas performance levels
Site	Waste Disposal, Inc. Superfund Site
SOP	Standard Operating Procedures
SOW	Statement of Work
SVOCs	semi-volatile organic compounds
SWPPP	stormwater pollution prevention plan
TCE	trichloroethene
TDS	total dissolved solids

ABBREVIATIONS/ACRONYMS
(Continued)

TEM	Technical Exchange Meeting
TGNMO	Total Gaseous Non-Methane Organics
TSS	total suspended solids
USA South	Underground Service Alert for Southern California
VOA	Volatile organic analysis
VOCs	volatile organic compounds
WDI	Waste Disposal, Inc.
WDIG	Waste Disposal, Inc. Group

1.0 INTRODUCTION

1.1 INTRODUCTION AND PURPOSE

1. This Semi-Annual Operations, Maintenance, and Monitoring (OM&M) Report provides:
   - A summary of operation and maintenance activities and monitoring results of the soil gas, in-business air, ambient air, reservoir gas collection system, leachate collection, and stormwater monitoring data collected by the Waste Disposal, Inc. Group (WDIG) during the First and Second Quarters of FY 2008-2009 (the reporting period) at the Waste Disposal, Inc. (WDI) Superfund Site (Site) in Santa Fe Springs, California.
   - An evaluation of the monitoring and compliance/performance programs and results, including identification of specific contaminant exceedances and locations, discussions of ground water conditions and offsite sources, presentation of statistical analysis and trends, summary of Quality Assurance/Quality Control (QA/QC) activities, Institutional Controls Monitoring and Enforcement activities, discussion of current programs and proposed changes, and schedules and frequency of monitoring and compliance testing.
   - A monitoring and inspection report in accordance with the Institutional Controls Monitoring and Enforcement Workplan, Revision 2 (ICMEWP) dated June 10, 2008.

2. The annual OM&M period spans from October 1 of each year to September 30 of the following year since the Final Combined Construction As-Built, Construction Completion and Remedial Action Completion Report was approved by U.S. Environmental Protection Agency (EPA) on September 14, 2006. This report is required under the Amended Statement of Work (SOW) of the Amended Administrative Order, Docket No. 97-09, for the Soil and Subsurface Gas Operable Unit at the Site (Environmental Protection Agency [EPA], 1997a). The OM&M activities were performed pursuant to the Final Operations Maintenance and Monitoring Plan (OMMP) by TRC dated August 2006 (TRC, 2006a). The OM&M Report has been prepared to meet the following objectives:
   - Summarize operation and maintenance activities for the remedial systems performed during the First and Second Quarters of FY 2008-2009 by WDIG.
   - Summarize the soil gas, in-business air, ambient air, reservoir gas collection system, leachate collection, ground water and stormwater monitoring data collected during the First and Second Quarters of FY 2008-2009 by WDIG.
   - Evaluate the data as to trends or other observations.
   - Provide a formal transmittal of laboratory and QA/QC data to the EPA.

1.2 REPORT ORGANIZATION

1. The remaining sections of this OM&M Status Report are organized as follows:

    - Chapter 2.0 - Project Background
    - Chapter 3.0 - Summary of Operation and Maintenance Activities and Deviations from Long-Term Operation and Maintenance Plans
    - Chapter 4.0 - Summary of Monitoring and Sampling Activities
    - Chapter 5.0 - Monitoring Results
    - Chapter 6.0 - Quality Assurance/Quality Control
    - Chapter 7.0 - Institutional Controls Monitoring and Enforcement Report
    - Chapter 8.0 - Conclusions and Recommendations
    - Chapter 9.0 - References

2.0 PROJECT BACKGROUND

2.1 SITE DESCRIPTION

1. The Site is located in Santa Fe Springs, Los Angeles County, California on an approximately 38-acre parcel of land. It is bordered on the northwest by Santa Fe Springs Road, on the northeast by the former Fedco Distribution Center and a private high school, on the southwest by Los Nietos Road, and on the southeast by Greenleaf Avenue (Figure 2-1).

2. The Site is comprised of 22 parcels. Various businesses are currently operating on 19 of the parcels; two of the parcels are currently vacant. Figure 2-2 shows the parcel numbers and names of the owners of the parcels. A summary of the existing parcel owners and tenants/businesses onsite is presented in Table 2-1.

3. The Site was conceptually divided into eight areas (Area 1 through 8) based on previous uses and conditions during the initial Remedial Investigation/Feasibility Study (RI/FS) period as shown in Figure 2-2. A 42-million-gallon-capacity crude oil reservoir is buried in the central portion of Area 2. The north corner of Area 2 is used for recreational vehicle (RV) and other storage. The remaining portion of Area 2 is undeveloped. Area 1 (located along Santa Fe Springs Road) and Area 8 (located along Los Nietos Road) contain most of the light industrial complexes and small commercial businesses that are present on the Site. Areas 3 through 7 extend along Greenleaf Avenue. Areas 3 and 4 are undeveloped and are the closest property boundary to nearby residential areas (approximately 50 feet). The building located in Area 5 is used for a light industrial business. Areas 6 and 7 are unoccupied and generally vacant, although there are a couple of concrete foundations that remain from previous structures.

2.2 GENERAL SITE HISTORY

1. The reservoir was used for crude oil storage during the Santa Fe Springs oil field development from 1924 to some undetermined time, probably in the 1930's. During this period, various activities were being performed outside the reservoir, including the storage and mixing of drilling muds. It is inconclusive from aerial photograph review whether waste disposal activities were being systematically carried out during this period.

2. Beginning in the late 1940's to early 1950's, the Site was used for disposal of a range of waste and solid fill materials. After 1949, waste disposal activities were regulated under permit from Los Angeles County, Department of Sanitation until facility closure in 1964.

Reliable documentation on disposal was not maintained. As a result, a comprehensive history of Site disposal practices or accepted waste is not available. However, permitted waste included the following: rotary drilling muds; clean earth, rock, sand and gravel; paving fragments; concrete; brick; plaster; steel mill slag; dry mud cake from oil field sumps and acetylene sludge. Investigations have shown that disposed material also included organic wastes, oil refinery waste, solvents, and waste chemicals. Wastes were disposed primarily within the reservoir boundary and in bermed areas surrounding the reservoir. However, field investigations and aerial photograph analyses indicates occurrence of wastes throughout most of the Site.

3. In 1953, the Site began receiving fill material to cover the Site including the reservoir area and unlined bermed disposal pits. The filling of the reservoir area continued until approximately 1966 when grading of the Site was completed.

4. The WDI Site was placed on the National Priorities List (NPL) in July of 1987. In 1988, the EPA initiated a removal action program. During the years 1988 to 1993, EPA performed a RI/FS (EPA, 1993a) which led to a selected remedy for the Site presented in the Record of Decision (ROD) (EPA, 1993b).

5. The Settling Defendants for the Site (a Group of Potentially Responsible Parties who carry out the requirements of the ROD under the Site orders and decrees) organized the WDIG. The WDIG conducted a series of predesign field investigations and treatability studies during 1995 through 2001 under Administrative Order (AO) 94-17 and Amended Administrative Order (AAO) 97-09. The results of these activities were reported in the Remedial Design Investigative Activities Summary Report (Revision 2.0) (TRC, 2001a). After incorporating comments from the EPA and California Department of Toxic Substances Control (DTSC), the report was approved in June 2001.

6. The predesign field investigations changed the conceptual model for the Site and identified additional conditions to those considered for selection of the remedy incorporated in the ROD. Therefore, a Supplemental Feasibility Study (Revision 4.0) (SFS) (TRC, 2001b) was prepared in 2001. Based on results of the SFS, the EPA selected a revised remedy, which was incorporated in the Amended Record of Decision ([AROD], EPA, 2002). A Remedial Design was prepared to construct the remedy presented in the AROD, and the Final (100%) Remedial Design Report (TRC, 2003) was approved by the EPA in June 2003.

7. During development of the AROD, the EPA and WDIG negotiated a Consent Decree (CD) for the implementation of the remedial design. The CD was filed in the United States District Court, Central District of California in 2003 (EPA, 2003). A Compliance Testing Plan (CTP; TRC, 2005) and Compliance Testing Report (CTR) were additional deliverables required under the CD.

8. The implementation of the remedial design at the Site was initiated in March 2004 and the remedial design construction work was performed according to the Final (100%) Remedial Design Report (TRC, 2003), Final Remedial Action Workplan (RAWP) (TRC, 2004) and associated management plans. The remedial construction work has been completed and all construction activities performed onsite were documented in the Construction As-Built Drawings in the Combined Construction Completion Report (TRC, 2006b). The major Site remedial and monitoring systems include:

   - Resource Conservation and Recovery Act (RCRA) Subtitle C-Equivalent Cover
   - RCRA Subtitle D-Equivalent Cover
   - Surface Drainage Control System
   - Gas Migration Control Systems
     - Reservoir Gas Collection System
     - Building Modifications
     - Sentinel Biovent System
   - Leachate Monitoring/Control System
   - Soil Gas Monitoring System
     - Vapor Monitoring Wells
     - Surface Emissions Monitoring
   - Ground Water Monitoring System
   - Stormwater Monitoring System

   The major remedy components are shown in Figure 2-3.

9. The Compliance Testing Plan (TRC, 2005a) described the monitoring and testing requirements and procedures followed for sampling and monitoring during the compliance testing period. The compliance testing period was conducted from December 17, 2005 to January 17, 2006. The Final Compliance Testing Report (TRC, 2006c) was submitted in June 2006 and approved by EPA on July 27, 2006.

10. Formal OM&M activities began on September 15, 2006. This Semi-Annual OM&M Report provides a summary of the operations and maintenance activities and evaluation of the soil

gas, in-business air, ambient air, reservoir gas collection system, leachate collection, ground water and storm water monitoring data collected during the First and Second Quarters at the Site. This report is required under the SOW of the Amended Administrative Order, Docket No. 97-09, for the Soil and Subsurface Gas Operable Unit at the Site (EPA, 1997a).

11. This chapter summarizes the site's history prior to remedy implementation. Post-remedy O&M activities and monitoring results are discussed in Chapters 3.0, 4.0, 5.0, and 8.0.

2.3 SITE CONDITIONS PRIOR TO REMEDY

1. Soil borings were drilled at the WDI Site for geologic logging and chemical characterization during three primary periods of investigation: the 1988 Remedial Investigation (RI) conducted by EPA and the 1997 and 2002 Remedial Design Investigations conducted by both EPA and WDIG. Constituents detected in waste included volatile organic compounds (VOCs), primarily benzene, toluene, ethylbenzene, and xylenes (BTEX); semi-volatile organic compounds (SVOCs); and heavy metals such as arsenic, chromium, copper, and lead. Waste and contaminated soils were identified throughout Area 2, which contains the buried reservoir, and in portions of Areas 1, 4, 5, 6, 7, and 8 where other buried wastes were found.

2. The Remedial Design Report provides a delineation of the buried waste extent. Figure 2-2 shows the locations of the various parcels, what businesses are located on them, and the limits of the waste. Site investigations have shown that 11 of the 22 parcels have structures located over buried waste; 8 other parcels have structures, but waste was not identified underlying the structures. The three unoccupied parcels have underlying waste, but no structures. The buried waste and impacted soil ranges in thickness from an average of approximately 5 to 10 feet to a maximum of 20 feet.

3. Soil gas "hot spots" were present in the subsurface (vadose zone) within and outside the reservoir (i.e., Area 2) in several locations on the Site, including shallow fill soils, buried waste material, and deeper native soils. The "hot spots" were characterized by elevated levels (e.g., exceeding EPA preliminary remediation screening levels) of BTEX, methane, petroleum hydrocarbons, and chlorinated VOCs in soil gas. The primary VOC constituents detected were methane, benzene, vinyl chloride, trichloroethene (TCE), and tetrachloroethene (PCE).

4. The prior multiple investigations indicated the presence of perched liquids and/or leachate within the reservoir. Liquids were encountered within the reservoir at depths ranging between 4 and 12 feet below grade (fbg). The liquids/leachate were found to contain Comprehensive Environmental Response, Compensation and Liability (CERCLA) hazardous substances, including but not limited to VOCs, such as benzene, toluene, ethylbenzene, and vinyl chloride; SVOCs; polychlorinated biphenyls (PCBs); and metals such as arsenic, chromium, and lead.

5. A description of the regional ground water conditions and hydrogeology prior to remedy implementation is included in the AROD. Evaluation of the Site ground water data indicated that the primary VOCs detected were PCE and TCE at concentrations less than 20 micrograms per liter (µg/L). These VOCs were detected only in the western portion of the Site. Based on ground water flow conditions, the distribution of detections and information on offsite ground water contamination sites, the sources of the PCE and TCE detected in the monitoring wells in the western portion of the WDI Site appeared to be from solvent releases associated with up gradient industrial sites and/or other sources. Elevated concentrations of aluminum, iron, manganese, and selenium were also detected in ground water samples; in some cases above primary or secondary drinking water standards. The fact that these metals were detected uniformly across the Site suggested that the concentrations reflect regional water quality conditions and were not related to onsite sources.

2.4 SUMMARY OF SITE MEDIA CHARACTERIZATION

2.4.1 SOIL GAS CHARACTERIZATION

1. Initial soil gas characterization work was performed by EPA in 1988 during Remedial Investigation Activities (EBASCO, 1989).

2. Supplemental soil gas investigative activities were conducted by WDIG and the EPA during 1997 and 1998, under the Remedial Design Investigative Activities Workplan (TRC, 1997) and the Subsurface Gas Contingency Plan (EPA, 1997b). Activities included geoprobe soil gas screening, two soil gas monitoring events, in-business air monitoring, the installation of 32 vapor wells by WDIG and the EPA in 1998 and completion of 24 soil gas monitoring rounds from 1998 to 2003. Figures 2-3 and 2-4 show the existing vapor well locations after completion of remedial construction activities.

3. Primary objectives of the post-remedy soil gas monitoring activities are:

   - Determine current soil gas conditions in the following areas:
     - Site perimeter (Compliance Vapor Wells).
     - Adjacent to onsite structures (Non-Compliance Vapor Wells).
     - Site interior (Non-Compliance Vapor Wells).
   - Determine trends in the historical and post-remedy data.

4. Interim Threshold Levels (ITLs) for benzene and vinyl chloride, which were established as part of the Subsurface Gas Contingency Plan (EPA, 1997b) and the Amended Administration Order Docket 97-09 (EPA, 1997a), are based on the potential migration of subsurface gas into onsite businesses. A more detailed description of the rationale for these ITLs is provided in the Amended Administrative Order and the Subsurface Gas Contingency Plan (EPA, 1997a and 1997b).

5. To address the risks from methane, EPA used the California Integrated Waste Management Board's (CIWMBs) methane action level in buildings as their criteria:

   - Methane levels in buildings will be below 1.25 percent (i.e., 25 percent of the methane lower explosion limit of 5 percent).
   - Subsurface methane levels at the Site boundary must be below 5 percent based on CIWMB requirements. An ITL of 1.25 percent was used by EPA in evaluating the results of the Subsurface Gas Contingency Plan Investigations Report (CDM Federal, 1999a).

6. As part of the Subsurface Gas Contingency Plan work, referenced in paragraphs 2 and 4 of this section, EPA developed ITLs for the chemicals determined to present potential health risks based on chemical toxicity and relative concentrations at the Site. Subsequent to establishing the ITLs, EPA adopted standards for soil gas as part of development of the AROD. The soil gas standards are for comparison with gas concentrations in the subsurface. Table 2-2 provides a summary of the updated soil gas performance standards (SGPSs). Table 2-2 also provides a summary of the updated indoor air threshold levels (IATLs) for the Site Chemicals of Concern (COCs). The IATLs are for comparison with concentrations of gas constituents measured in Site buildings (i.e., in-business air) and ambient air, as described in Section 2.4.2.

2.4.2 IN-BUSINESS AND AMBIENT AIR CHARACTERIZATION

1. The objective of in-business air monitoring is to assure that soil gas from the Site is not infiltrating into onsite buildings. Figure 2-4 shows the existing in-business and ambient air locations after completion of remedial construction activities.

2. The in-business air sampling was initiated in February 1998. Results from the first 3 months of monitoring indicated that soil gas infiltration was not occurring. Based on those results, monitoring was reduced to quarterly, concurrent with the vapor well monitoring program, which continued through 2000. With EPA's concurrence, semi-annual monitoring began in 2001. Semi-annual monitoring was discontinued prior to the remedial construction activities. Routine quarterly monitoring was initiated with the post-remedy OM&M activities.

2.4.3 RESERVOIR GAS CHARACTERIZATION

1. The Reservoir Gas Collection System, which is the treatment component of the gas migration control system, collects and treats gas from the reservoir area underneath the RCRA C-equivalent cover. The engineering details of the Reservoir Gas Collection System are available in the Final (100%) Remedial Design Report (TRC, 2003a) and Final RAWP (TRC, 2004a). Figures 2-3 and 2-4 show the location of the Reservoir Gas Collection System.

2. Performance requirements for the Reservoir Gas Collection System are mainly developed to meet the emission standards established by the South Coast Air Quality Management District (SCAQMD) as well as the Applicable or Relevant and Appropriate Requirements (ARARs) for COCs in subsurface soil gas.

3. During the compliance period, the system was monitored for compliance with the SCAQMD VOC emission rate standard of 1 pound per day, and the system performance requirement of reducing non-methane organic carbon (NMOC) by at least 98 percent by weight or reducing the NMOC concentration to less than 20 parts per million volume (ppmv) dry basis as hexane at 3 percent oxygen.

4. Long-term performance requirements are monitored during the post-remedy OM&M phase and include evaluation of the system function, which may be switched to passive treatment if an acceptable methane emission rate (i.e., methane emission rate less than 2.3 lb per day after 1 year) and quality requirements (Total Gaseous Non-Methane Organics [TGNMO] being less than 20 ppmv by hexane and a total VOC emission rate of less than 1 lb per day after 1 year) can be maintained at a passive treatment level.

2.4.4 LEACHATE CHARACTERIZAION

1. The performance requirements of the leachate monitoring/control system were determined from the monitoring requirements in the SOW (EPA, 1997a). The performance requirement for leachate accumulation in the control system wells is set at 12 inches, which means that the leachate accumulation in the wells shall not be greater than 12 inches in depth. If leachate accumulation exceeds 12 inches, it will be removed and disposed offsite. Monitoring of leachate level and procedures for removing excessive leachate are discussed in Section 3.5.

2. During the compliance period, the leachate accumulation in the leachate monitoring/control system was monitored weekly. During monitoring, liquid levels in the leachate collection wells were found to recover at a rate that required an increase in the monitoring frequency from weekly to bi-weekly. This monitoring frequency has continued through the first 12 months of post-remedy OM&M. In December 2007, an automatic recovery system was installed and operations were initiated for wells LC-2 and LC-4. Figure 2-3 shows the locations of the Leachate Collection Wells installed as part of the remedial construction activities.

2.4.5 GROUND WATER CHARACTERIZATION

1. As part of the RI/FS process, 27 ground water wells were installed at the Site, with the majority of the wells screened at 1988 water table elevations. Four wells extend to about 50 feet below the water table. Two additional wells (GW-32 and -33) were installed in January 2001. Several wells were subsequently closed to facilitate the remedial construction activities. Figures 2-3 and 2-4 show the ground water monitoring well locations remaining after completion of the remedial construction activities.

2. During monitoring events from November 1988 through September 1997, the following ground water conditions were observed (CDM Federal, 1999a):
   - TCE and PCE exceeding Maximum Contaminant Levels (MCLs) (5.0 µg/L) were found in wells located in the western portion of the Site.
   - Light nonaqueous phase liquids (LNAPL) and dense nonaqueous phase liquids (DNAPL) were not observed in the ground water samples.
   - Primary metals (i.e., arsenic, chromium and lead) were detected at low concentrations exceeding MCLs (0.05 milligrams per liter [mg/L] for arsenic, chromium, and lead) during isolated sampling events. These concentrations were observed in upgradient, cross-gradient and downgradient wells at the Site.
   - Elevated concentrations of aluminum, iron, manganese and selenium were detected but reflect a regional ground water condition, not a site-specific condition.

3. Subsequent monitoring events between 1997 and 2003 also reported similar findings.

4. The AROD (EPA, 2002) concludes that the Site has not contributed to the exceedances of ground water MCLs, based on extensive monitoring. Some contaminants were detected upgradient or laterally away from WDI waste sources and in relatively deep water bearing zones. Although several COCs (VOCs and metals) were detected above their respective State drinking water MCLs in ground water samples, these exceedances did not appear to be related to Site wastes based on their distribution in ground water.

5. Ground water is monitored annually as part of the post-remedy OM&M activities. The primary objectives of the Long-Term Ground Water Monitoring Plan are to establish a detection monitoring program for identifying changes in ground water elevation (to monitor changes in ground water velocity and flow direction) and potential releases, leaching, or migration of waste materials from onsite sources to the ground water. A further objective is to locate onsite background wells such that they can also be utilized to track the movement of contaminants from offsite sources.

2.4.6 STORMWATER CHARACTERIZATION

1. The stormwater pollution prevention plan (SWPPP) for WDI (TRC, 1998) has two major objectives. The first is to identify existing and potential sources of stormwater pollution at the Site, if any. The second is to propose and implement necessary practices that would reduce the introduction of potential pollutants into stormwater discharges associated with the Site if any are identified.

2. The SWPPP was designed to cover the undeveloped areas of the Site (Areas 2, 3, 4 and 7). The remaining areas (Areas 1, 5, 6 and 8) have existing or abandoned light industrial businesses, which are responsible for their own stormwater management practices.

3. Initially, a total of five stormwater monitoring points were designated. However, after completion of the remedial construction activities in 2006 and with EPA approval, the monitoring points were increased to six as shown in Figure 2-5. Stormwater was not monitored prior to remedy implementation and, therefore, historical data does not exist.

3.0 SUMMARY OF OPERATION AND MAINTENANCE ACTIVITIES AND DEVIATIONS FROM LONG-TERM OPERATION AND MAINTENANCE PLAN

1. This section presents a summary of the Operation and Maintenance (O&M) activities performed for the Site remedial systems during the First and Second Quarters of 2008-2009. This section also identifies deviations from the O&M Plan that were implemented during the period, if any. The O&M activities include:
   - Inspection of the RCRA Subtitle C-equivalent and Subtitle D-equivalent covers.
   - Reservoir gas collection, venting and treatment system operation, inspection and carbon change outs.
   - Ground water and soil vapor monitoring well inspections.
   - Biovent well inspections.
   - Stormwater drainage system inspections.
   - Monitoring of leachate levels and leachate removal.
   - Landscape maintenance.
   - Site security.
   - Reporting.

   The locations of major remedy components listed above are shown in Figure 2-3. Design and engineering details of the remedy components are available in the Final (100%) Remedial Design Report (TRC, 2003), Section 2.0 of the RAWP (TRC, 2004), and the Combined Construction Completion Report (TRC, 2006b).

2. The required O&M activities are described in the O&M Plan. The O&M Plan is a part of and described in the OMMP (TRC, 2006a). The OMMP identifies the inspection/monitoring frequency and includes the Inspection and Monitoring Data Sheets for the Site remedial systems identified above.

3. Tenants who may be affected by O&M or monitoring activities were notified at least one week in advance of the activities. The notifications were made by the WDIG Coordinator or the OM&M Supervising Contractor. The methods of notification included telephone, e-mail and/or direct contact. A list of current tenants is presented in Table 2-1, which has been updated as necessary to reflect changes in tenants and land owners that may have occurred since the last reporting period.

3.1 INSPECTION OF RCRA EQUIVALENT COVERS

1. The performance requirements and frequency of O&M activities for the RCRA equivalent covers are summarized in Table 3-1.

2. The RCRA Subtitle C- and D-equivalent covers (Figure 2-3) were previously inspected during the Fourth Quarter of FY 2007-2008 (August 2008) for signs of erosion, settlement, vegetative growth, and cracks and fractures in asphalt/concrete surface areas by the OM&M Supervising Contractor. The condition of the slope along the northwest perimeter of Area 2 close to VW-46, BW-24 and BW-25 (see Figure 2-3) was also inspected for signs of erosion and/or settlement (e.g., cracking, slippage, etc.) during this inspection. Copies of the RCRA Subtitle C-equivalent cover and Subtitle D-equivalent cover O&M Inspection Sheets are included in Appendix A.1. The following are the key observations from this inspection of the RCRA covers:
   - Erosion: Erosion was not observed on the cover areas or on the northwest slope.
   - Settling: Settling was not observed on the cover areas or on the northwest slope.
   - Cracks: Cracks were not observed on the cover areas or on the northwest slope.
   - Vegetation Growth: Vegetation on the covers consisted of mostly dormant grasses and some weeds due to minimal rainfall in the months prior to the inspection.
   - Weed Control: Some weeds were observed on the cover areas but growth was limited due to minimal rainfall. Weed growth is under control by a landscape contractor.
   - Animal Burrows: Animal burrows were not observed on the cover areas or the northwest slope.
   - Vectors: Vectors (mice, rats, or mosquitoes) were not observed on the cover areas.
   - Anchor Trench: Settlement was not observed. The cleanouts for the French Drain collection piping were observed to be clear. At the time of inspection, water was not being discharged from the French Drain dewatering pipe.
   - Road Condition: Settlement, ruts, or potholes were not observed. The road is surfaced with aggregate base material and is in good condition.
   - Other: Other issues or conditions of concern were not noted.

3. Problems relating to the RCRA equivalent covers were not observed during this prior inspection and follow-up maintenance activities were not necessary. The current year inspection will be performed during the second half of the FY 2008-2009 period and reported in the annual report.

4. A formal inspection of the RCRA covers was performed in August 2008 (for FY 2007-2008) by an independent engineer per the requirements of Title 22, Section 66264.228(k), (p) and (r). Also, throughout this reporting period, the independent engineer conducted informal inspections of the Site and observed no settlement or erosion issues. Also, the O&M activities for the RCRA Subtitle C-equivalent cover were performed to meet the requirements of Title 22, Section 66264.310. The engineer's inspection is documented on inspection reports included in Appendix A.1.

5. An annual survey was conducted on October 16, 2008 (for FY 2008-2009) on the RCRA Subtitle C- and D- equivalent covers by a California State licensed land surveyor to determine the horizontal location and elevation (i.e., settlement) of the settlement monuments. The survey located the settlement monuments according to the state-plane coordinate system and elevation pursuant to the North American Vertical Datum (NAVD, 1988) system. Local benchmarks used throughout the project history were used for survey control points. The survey had an accuracy of ± 0.01 foot.

6. The survey results indicate settlements ranging from 0.14 to 0.20 feet since the initial survey in January 2005 and settlements/elevation changes ranging from -0.03 to 0.00 feet since the previous survey conducted in October 2007. One monument location, SM-01, could not be surveyed in October 2008 due to the presence of storage equipment over the area. A copy of the survey is included in Appendix A.1, and settlement monument survey elevations from both the initial survey in January 2005, after remedial construction activities, and the more recent surveys in October 2007 and October 2008 are listed on Figure 3-1.

7. The surface drainage control system at the Site was sized to accommodate the 100-year, 24-hour storm. The final surface grades were designed to average 2 to 3 percent to allow long-term drainage, radially away from the center of the Site. Surface grades were examined during the previous annual RCRA cover inspection at the Site in August 2008 (FY 2007-2008) and again during the annual survey in October 2008 (FY 2008-2009). Deviations from as-built grade will be visually observed and maintenance conducted, as necessary to mitigate potential for ponding. The inspections indicate that liquids do flow radially away from the center of the Site.

8. A single lane access road provided on the Site allows access from Greenleaf Avenue to the Reservoir Gas Collection System. A turnaround is provided at the Reservoir Gas Collection System. The access road cross-section consists of a 10-foot-wide, 6-inch-thick, crushed

aggregate base course that is integrated within the top cover of RCRA Subtitle C-equivalent and Subtitle D-equivalent cover areas. As noted in Item 2 above, the access road was inspected during inspection of RCRA covers in August 2008 (FY 2007-2008) and again during the annual survey in October 2008 (FY 2008-2009). Based on these inspections, repairs to the access road were not necessary. The concrete paved ramp on the west side of the RCRA cover areas for access onto Parcel 26 from Parcel 30 was also inspected. The paved access ramp was found to be in good condition.

3.2 SOIL GAS MIGRATION CONTROL SYSTEM

1. The soil gas migration control system includes:
   - Reservoir Gas Collection System
   - Building Modifications
   - Sentinel Biovent System

   Manufacturer manuals for O&M of equipment along with maintenance schedules related to these systems are provided in the OMMP (TRC, 2006a). Start-up/Shut down procedures for the soil gas migration control system can be found in the Soil Gas Collection, Venting and Treatment System Startup Protocol (TRC, 2005b).

2. The performance requirements and frequency of O&M activities for the soil gas migration control system are summarized in Table 3-1.

3.2.1 RESERVOIR GAS COLLECTION SYSTEM

1. The Reservoir Gas Collection System consists of a gas collection geocomposite layer incorporated in the RCRA C-equivalent cap and perforated collection piping in gravel filled trenches under the cap that is connected to an aboveground gas treatment system. The gas treatment system consists of a blower, granular activated carbon canisters for removal of organic vapors, vent stack, and an electrical control system. The gas treatment system also includes an auto dialer that will contact the designee of the O&M Supervising Contractor in case of system shutdown. If the auto dialer is activated by the system, a technician will be called to the Site to observe conditions, perform any necessary repairs and/or restart the system.

2. The Reservoir Gas Collection System can be operated in either an active or passive mode. The system was operated in an active mode (i.e., under suction provided by the blower in the gas treatment system) until December 2007. After the first year of O&M activities (end of Fourth Quarter of FY 2006-2007), the performance data was reviewed to determine

if a change to the passive mode (i.e., system no longer under vacuum using blower; only venting to atmosphere) was appropriate. The "trigger" for switching to the passive mode is based on the methane collection rate being below 2.3 lbs/day. Due to the rate of methane collection being generally below this threshold value (only exceedance of methane collection was in September 2007), it was determined that the Reservoir Gas Collection System could be switched to passive mode for the start of the second year of O&M activities in FY 2007-2008. The system was switched to passive mode on December 10, 2007.

3. O&M inspections were performed for the Reservoir Gas Collection System during this report period consistent with the system being in passive mode. The O&M field sheets for the Reservoir Gas Collection System are included in Appendix A.2. The following are the key observations and comments from the semi-annual inspections of the Reservoir Gas Collection System:
   - Gate, Lock and Fence: The gate, lock, and fence were found to be in good condition during this reporting period.
   - Electrical Meter and Controls: The electric meter and controls were found to be in good condition during this reporting period.
   - Auto-Dialer: The auto dialer was found to be in good condition during this reporting period.
   - Equipment (Vent Stack, Knockout Pot, Blower, Carbon Canisters, Hoses, Fittings, Piping, Instruments, Etc.): All equipment was found to be in good condition during this reporting period.

4. Problems relating to the Reservoir Gas Collection System O&M activities were not observed during the inspections and follow-up maintenance activities were not necessary.

3.2.2 BUILDING MODIFICATIONS

1. The O&M for the Building Modifications involve review of in-business air monitoring results. If site-related constituents are detected from in-business air monitoring above Indoor Air Threshold Levels (Table 2-2), the affected parcel(s) will be inspected more frequently than the annual inspection frequency. Changes in inspection frequency will be based on the Decision Matrix for In-Business and Ambient Air Monitoring (see Section 4.1.2). The parcel inspections involve inspecting building foundations and locations where filling or re-sealing of cracks have been performed, in addition to other areas covered with RCRA Subtitle D-equivalent covers.

2. Based on the in-business air monitoring results noted in Section 5.1.2 for this reporting period, the parcel inspection will remain annual. During the First and Second Quarters of FY 2008- 2009, seven of the ten parcels that are sampled for in-business air were inspected. The O&M Parcel Inspection Sheets from the First and Second Quarters of 2008-2009 are included in Appendix A.3. The following are the key observations and comments from the inspections of the parcels:
   - Cracks: No cracks were observed in the specified parcel areas.
   - Damage/Penetrations: Damaged areas and/or penetrations were not observed in the specified parcel areas.
   - Erosion: Erosion was not observed on the parcels.
   - Photoionization Detector (PID) Survey: A maximum reading of ~15 ppmv was detected in Parcel 37. Refer to Chapter 5.0 for analytical results of in-business air sampling.
   - Other: Other issues or conditions of concern were not noted.

3. Problems relating to the parcels were not observed during the inspections and follow-up maintenance activities were not necessary.

3.2.3 SENTINEL BIOVENT SYSTEM

1. The Sentinel Biovent System consists of 24 passive biovent wells at the perimeter of areas where waste is located as shown in Figure 2-3. A semi-annual inspection was performed for each well in March 2008 (FY 2007-2008) to verify the integrity of well head components. The O&M Inspection Sheets for the Sentinel Biovent Wells are included in Appendix A.4. The following are the key observations and comments from the semi-annual inspections of the Sentinel Biovent Wells:
   - Wellhead (Vented Steel Enclosure, Lock, Concrete Base, Baroball Valve): The wellhead components were found to be in good condition at the time of inspection. Baroball valves needed to be replaced on Biovent Wells BW-15, BW-18, BW-19, and BW-24.
   - Well Casing: The casings were found to be in good condition at the time of the inspection.
   - Erosion Around Wellhead: Erosion around the wellheads was not observed at the time of inspection.

2. Other than the baroball valves needing replacement in Biovent Wells BW-15, BW-18, BW-19, and BW-24, problems relating to the Sentinel Biovent Wells were not observed during the inspection and follow-up maintenance activities were not necessary. Baroball valves will be replaced in Biovent Wells BW-15, BW-18, BW-19, and BW-24 during the FY 2009-2010.

3.3 GROUND WATER AND SOIL VAPOR WELLS

1. The performance requirements and frequency of O&M activities for ground water and soil vapor monitoring wells are summarized in Table 3-1.

2. The ground water (annual monitoring) and soil vapor (semi-annual monitoring) monitoring wells were inspected during each monitoring event (First and Second Quarters) for well head integrity and surrounding area conditions (i.e., heavy vegetation, construction debris, equipment storage, etc.). The locations of the wells are shown in Figures 2-3 and 2-4. The O&M Inspection Sheets for the Ground Water Monitoring Wells and Soil Vapor Monitoring Wells are included in Appendices A.5 and A.6. The following are the key observations and comments for this period regarding inspections of the wells:
   - Wellhead (Well Box, Cover, Gasket and Concrete): The wellhead components of each well were found to be in good condition at the time of inspection.
   - Well Lock and Casing Cap/Plug: The locks, casings and cap/plugs were found to be in good condition at the time of the inspection.
   - Erosion Around Wellhead: Erosion around the wellheads was not observed at the time of inspection.

3. Problems relating to the ground water and soil vapor wells were not observed during the inspections and follow-up maintenance activities were not necessary.

3.4 STORMWATER DRAINAGE SYSTEM

1. The performance requirements and frequency of O&M activities for the stormwater drainage system are summarized in Table 3-1.

2. The stormwater drainage system consists of berms, swales, ditches, cleanouts and drainage piping from the french drain of RCRA Subtitle C-equivalent cap and a precast concrete catch basin near the northeast corner of the Site. Figure 3-2 shows the major drainage systems at the Site. The stormwater drainage system was inspected in March 2008 (FY 2007-2008) for excessive vegetation, sedimentation and debris in the channels and around the drains and catch basin inlet, and for soil erosion.

3. Control of stormwater runoff is provided by the stormwater drainage system. Stormwater runoff at the Site is also conveyed through sheet flow and concentrated areas of surface flow. Berms (either soil, sandbags, asphalt, or concrete) concentrate the sheet and surface

flows and direct it towards historical stormwater discharge points along the perimeter of the RCRA covers and onto the perimeter parcels or into storm drains. Natural and planted vegetation is used at the Site to reduce surface erosion and help control surface water flow. During the establishment of cover vegetation, Best Management Practices (BMPs) were implemented to minimize silt and debris from leaving the Site. BMPs include the installation of straw wattles, hay bales, sand bags, silt fencing, detention basins and/or a combination of these sediment control measures prior to the beginning of the wet season and during/after significant storm events, if necessary.

4. The implemented BMPs were examined during the inspection of the stormwater drainage system. The stormwater drainage system was last inspected in March 2008. Unscheduled inspections of the stormwater drainage system were not performed since significant storm events with accumulated precipitation greater than 2 inches over a 24-hour period did not occur during this monitoring period (e.g., October 1, 2008 through March 31, 2009).

5. For the inspection of the Stormwater Drainage System (berms, swales, ditches, cleanouts and drainage piping from French Drain of RCRA Subtitle C-equivalent cap and precast concrete catch basin near the northeast corner of the Site), an O&M Inspection Sheet was completed. The O&M Inspection Sheet from March 2008 (FY 2007-2008) for the Stormwater Drainage System is included in Appendix A.7. The following are the key observations and comments from the inspection of the system:
   - Catch Basin (near northeast corner): A minor amount of sediment was observed in the catch basin. The sediment did not require removal.
   - Drain Pipe from French Drain: The drain pipe from the French drain initially could not be observed due to vegetation overgrowth. This overgrowth was cleared from around the drain pipe and blockage within the drain pipe outlet was not observed.
   - Cleanouts for French Drain: The cleanouts were opened and appeared to be clear of liquid and/or foreign material. Also, the ring and cover of each cleanout was in good condition.
   - Sediment Buildup: Sediment buildup was not observed in the drainage system.
   - Vegetation Growth: Vegetation growth was minimal in the drainage system components due to lack of rainfall. Vegetation growth above the soil layer of the RCRA-C and –D covers is well established as show in Figure 3-3.
   - Erosion: Erosion was not observed.
   - Settlement: Settlement was not observed near the stormwater drainage features.
   - Cracks: Cracks were not observed in the stormwater drainage features.

- Other: Some sand bags were partially torn along the perimeter fence line. These sand bags are no longer needed for sediment control and do not require replacement.

6. Problems relating to the Stormwater Drainage System were not observed during the inspection from March 2008 and follow-up maintenance and/or repair activities were not necessary.

3.5 LEACHATE MONITORING/CONTROL SYSTEM

1. The performance requirements and frequencies of O&M activities for the leachate monitoring/control system are summarized in Table 3-1.

2. The leachate monitoring/control system consists of four Leachate Collection (LC) Wells. The locations of LC Wells are shown in Figure 2-3. The O&M of the four LC Wells consists of monitoring and recovery of leachate that accumulates in the wells, inspections, as well as monitoring of the automatic recovery systems that were installed for LC-2 and LC-4 in November 2007 and started in December 2007. During construction of the automatic recovery systems for LC-2 and LC-4, no leachate recovery or inspections were conducted. When automatic recovery operations were started on LC-2 and LC-4 in December 2007, operation and maintenance activities were conducted weekly on all four wells. During this reporting period from October 2008 through March 2009, the inspections were performed weekly.

3. Based on the LC Well monitoring and bailing results discussed in the Final Compliance Testing Report (TRC, 2006c), a management strategy was developed to reduce and maintain the leachate levels in the LC Wells at or below 12 inches above the bottom of the well. The strategy is intended to maintain liquid levels in the LC Wells throughout the OM&M period in accordance with the ARARs and performance criteria. Specifically, if the liquid level in an LC Well reaches 12 inches or more, the liquid was removed from the well and stored onsite pending transportation/disposal to an approved facility.

4. Prior to November 2007, the liquids management strategy consisted of monitoring and bailing (if necessary) twice each week based on the measured liquid level in each well. In general, the strategy for determining whether to bail consisted of the following:
   - **Liquid Level <12 inches prior to liquids removal:** Monitor Liquid Level Monthly. Bail liquids to below 12 inches if the liquid level is >12

inches and increase monitoring frequency if the liquid level remains above 12 inches for 2 consecutive monthly monitoring periods.

- **Liquids Level 12 to 36 inches prior to liquids removal:** Weekly monitoring and bailing or limited duration pumping to below 12 inches.
- **Liquid Level 36 to 72 inches prior to liquids removal:** Twice weekly monitoring and bailing or limited duration pumping to below 12 inches.
- **Liquid level >72 inches:** Limited duration pumping. A recharge test will be conducted prior to discontinuing pumping.

5. From September 2007 through October 2007, LC-1, LC-2 and LC-4 were monitored and bailed twice weekly. LC-3 was monitored once per week and bailed, if necessary. The liquid levels in LC-2 and LC-4 exceeded 72 inches prior to liquids removal and, therefore, a temporary pumping system was designed and installation activities were conducted in November and December 2007. During construction of the automatic recovery systems for LC-2 and LC-4, no leachate recovery was conducted. When automatic recovery operations were started on LC-2 and LC-4 in December 2007, manual bailing was conducted weekly at LC-1 and LC-3 along with weekly maintenance of the automatic recovery systems.

6. Reporting on LC Wells monitoring and bailing is provided periodically to the WDIG Coordinator. A summary of the monitoring and bailing results is presented in Section 5.2. The O&M Inspection Sheets for the Leachate Monitoring/Control System are included in Appendix A.8. The following are the key observations and comments regarding the wells during this monitoring period:
   - Wellhead (Well Box, Cover, Gasket and Concrete): The wellhead components were found to be in good condition at the time of inspection. Some well box gaskets were replaced as necessary during the reporting period.
   - Well Lock and Casing Cap/Plug: The locks, casings and cap/plugs were found to be in good condition at the time of the inspection.
   - Liquid Present in Well Box: Liquids present inside of well boxes from bailing activities were removed during O&M visits, as necessary. During bailing, care is exercised to minimize releases of liquids both inside and outside of the well boxes.
   - Erosion Around Wellhead: Erosion was not observed during the reporting period.

7. Problems relating to the Leachate Monitoring/Control System O&M were not observed during the inspections and follow-up maintenance activities were not necessary other than the following minor items. Well boxes were cleaned periodically to remove liquids accumulated during bailing activities and some gaskets were replaced as necessary.

3.6 SITE SECURITY

1. The performance requirements and frequencies of O&M activities for the Site Security features are summarized in Table 3-1.

2. Inspection of the perimeter fencing, gates, and other Site security features was conducted during this reporting period. Partial inspections were also performed during each visit by O&M Supervising Contractor personnel and reported on daily field sheets. These inspections included checks for vandalism or other damage to Site security features such as fencing, gates, and locks. The integrity of the fence was checked to insure that the fencing was secure (e.g., no holes or breaks) and gates were working properly and locks were in place.

3. A 20-foot-high "stray ball" fence is constructed along the top of the north slope at the boundary with St. Paul High School. This is the area where stray balls may land during field play at the athletic field of the high school. The stray ball fence is not meant to be part of the Site security measures and controls, but is intended to reduce the potential for stray balls to be lost and to control unauthorized access onto the Site. A man-gate is provided between the perimeter security fence and the High School athletic field. The stray ball fence was inspected for damage, such as rips/tears in the fabric or loose steel cables/hardware, during the Site security inspection.

4. The following are the key observations and comments for this period regarding the security features:
   - Security Fencing: The security fencing was observed to be in good condition. Small damaged areas were noted and repaired.
   - Erosion/Undermining: Erosion or undermining was not observed during the inspections.
   - Access Gates and Locks: Access gates were in good condition and locks were in place during the inspections.
   - Warning Signs: Warning signs were in place along the perimeter fence during the inspections.
   - Stray-Ball Fence: The stray ball fence was found to be in good condition during the inspections.
   - Other: Other security issues or conditions of concern were not noted.

5. Problems relating to the security features were not observed during the inspections and follow-up maintenance activities were not necessary with the exception of the following:
   - Minor repairs to fencing.
   - Removal/painting over graffiti.

   Partial inspections were also performed during each visit by O&M Supervising Contractor personnel and reported on daily field sheets. These inspections included checks for vandalism or other damage to Site security features such as fencing, gates, and locks. The integrity of the fence was checked to insure that the fencing was secure (e.g., no holes or breaks) and gates were working properly and locks were in place. The response time to repair security features is typically one week or less. If the response time exceeds one week, interim measures will be taken to prevent trespassing.

3.7 LANDSCAPE AND VEGETATION MAINTENANCE

1. The performance requirements and frequencies of O&M activities for the landscape and vegetation maintenance are summarized in Table 3-1.

2. The purpose of landscape maintenance is to maintain the overall aesthetic quality of the Site. Maintenance of the landscaping included irrigation of the trees and shrubs near the high school to the northeast of the Site, and periodic Site maintenance work such as mowing the capped areas and pruning trees and shrubs, and removal of unwanted weeds. Irrigation of the landscape vegetation near the school continued during this reporting period and will continue until the planted shrubs become established and can live without further irrigation. The frequency and duration of watering was implemented according to the recommendations of the subcontractor that performs the landscaping work.

3. The following table summarizes the landscape and vegetation maintenance tasks, performance standards and activities performed during this reporting period.

Landscape/Vegetation
Performance Standards, Tasks and Activities

Task	Performance Standards	Activities This Period
Vegetative Cover Mowing	Maintain neat appearance, allow easy access to monitoring wells	Mowing activities occurred during this reporting period associated with special activities (e.g., graduation) at St. Paul High School.
Vegetative Cover Replacement	70 percent vegetation coverage	The condition of the shrubs and planted vegetation is good. The cap vegetative cover appeared to be above 70 percent during this reporting period (See Figure 3-3).
Tree Pruning	Promote healthy growth of site trees, prevent damage to stray ball fence, plant off-site encroachment	Tree pruning was conducted in August/September 2008. Pruning was not conducted during this reporting period.
Landscape Area Weed Control	Maintain healthy appearance of trees, bushes and ground cover	Weed removal is under control by routine landscaper maintenance. Ground cover (honeysuckle) is growing very well. Additional weed removal activities were performed prior to St. Paul High School events.
Site Housekeeping	Removal of debris, trash or wastes from the Site.	Site housekeeping was observed to be in good condition.

4. Based on informal qualitative acceptance criteria for vegetation/ground-cover growth employed by California State Agencies, counties and cities, a 70 percent vegetation coverage over the RCRA Subtitle C- and D-equivalent covers is considered acceptable for the Site. The winter rainfall that occurred during this reporting period (First and Second Quarters, FY 2008-2009) has returned to more normal levels and the vegetative growth over the cap areas is above the 70 percent threshold level.

5. As part of O&M activities, landscape maintenance inspections are performed periodically. The following are the key observations and comments from the landscape inspections:
   - Condition of Shrubs and Planted Vegetation: Shrubs and planted vegetation were found to be in good condition during the inspections. Ground cover (honeysuckle) is growing very well.

- Irrigation System Operation: The irrigation system was in good condition and operating properly.
- Weed Growth: Weed removal is under control by routine landscape maintenance.
- Erosion Around Planted Vegetation: Erosion around planted vegetation was not observed.
- Vectors: Gopher holes were detected around the perimeter of the site, especially along the north boundary. Efforts to control the gopher population include application of such products as "Gopher-Be-Gone™ " during this reporting period. Other vectors (e.g., mice, rats, or mosquitoes) were not observed.
- Site Housekeeping: Site housekeeping was observed to be in good condition.
- Other: Other landscaping issues or conditions of concern were not noted during this reporting period.

6. Problems relating to the Landscape Maintenance were not observed during the inspections and follow-up maintenance activities were not necessary. Additional landscape maintenance was conducted prior to special events at St. Paul High School.

3.8 PROBLEM IDENTIFICATION, CORRECTIVE ACTION, AND MAINTENANCE AND REPAIR ACTIVITY REPORTING

1. As noted in the OMMP (TRC, 2006a), if problems or conditions are identified that warrant action or attention, a Problem Identification and Corrective Action Report will be prepared and submitted to the WDIG Coordinator. If the recommended corrective action is approved and the work performed, a Maintenance and Repair Activity Report will also be prepared and submitted to the WDIG Project Coordinator. These reporting requirements are for major maintenance and/or repairs to the remedial systems that have a material impact on the operation or performance of the remedial component and are not for minor maintenance and repair items.

2. Major maintenance and/or repair to the remedial systems did not occur during this reporting period and, therefore, Problem Identification and Corrective Action Reports were not submitted. Minor repairs were performed as noted in the O&M activities described in the prior sections of this report.

3.9 MANAGEMENT AND REPORTING

1. O&M related records (i.e., Site O&M inspection sheets, Daily Field Reports, etc.) are being kept on file by the OM&M Supervising Contractor. The related records for this reporting period have been included in this Semi-Annual OM&M Report.

2. In addition, the WDIG Project Coordinator will notify EPA of any non-compliance events (e.g., vapor well or in-business air emissions in excess of required limits) when they occur (e.g., each event).

3.10 REVISIONS TO THE O&M PLAN

1. The O&M Plan is an "evergreen" document that is subject to revision. Revisions may be proposed by the WDIG Project Coordinator for EPA review and approval. Alternatively, the EPA, subject to the governing decision documents for the Site (e.g., AROD, CD/SOW, Remedial Design and related deliverables), may direct WDIG to prepare revisions to the O&M Plan for EPA review and approval to address deficiencies or needed enhancements. Such revisions may include, but are not limited to, revisions in Standard Operating Procedures (SOPs), corrective actions, or instrumentation to address potential monitoring or safety concerns.

2. Based on the O&M activities performed and observations made during this reporting period, revisions to the O&M Plan are not proposed by the WDIG Project Coordinator.

3. The EPA did not request or direct the WDIG Project Coordinator to prepare revisions to the O&M Plan during this reporting period.

3.11 COMMUNICATION AND COORDINATION INTERACTIONS

1. This section describes the types of interactions that occurred with project stakeholders during the performance of the O&M activities in this reporting period. The key Site stakeholders are:
    - Regulatory Agencies (EPA and DTSC)
    - On-Site Owners and Tenants
    - St. Paul High School
    - Adjacent Residential Neighborhood
    - Adjacent Industrial/Commercial Neighbors

- City of Santa Fe Springs
- Land Developers/New Owners

2. The following is a summary of the key interactions between the OM&M Supervising Contractor and/or the WDIG Project Coordinator and the key stakeholders during this reporting period:
   - OM&M Supervising Contractor notification/coordination of on-site owners and tenants regarding planned First and Second Quarter of FY 2008-2009 OM&M events.
   - St. Paul High School contacts with OM&M Supervising Contractor and Project Coordinator regarding schedule of events, landscape and site appearance.
   - WDIG Project Coordinator contacts with potential land developers/new owners and the City of Santa Fe Springs regarding site conditions and issues.
   - WDIG Project Coordinator notification of Regulatory Agencies regarding planned OM&M events and other site related activities and issues.
   - WDIG Project Coordinator notification/coordination with owners/tenants regarding Institutional Controls Monitoring and Enforcement Work Plan (ICMEWP) checklist inspections.

4.0 SUMMARY OF MONITORING AND SAMPLING ACTIVITIES

4.1 GAS MIGRATION CONTROL SYSTEM

4.1.1 RESERVOIR GAS COLLECTION SYSTEM

1. Monitoring and sampling of the Reservoir Gas Collection System at the WDI Site was performed as part of the overall long-term monitoring plan as described in the OMMP. The location of the Reservoir Gas Collection System is shown in Figures 2-3 and 2-4. Vapor samples were collected from the carbon vessel inlet (Reservoir Gas Collection System blower outlet) and carbon vessel outlet ports according to the procedures outlined in the Sampling and Analysis Plan (SAP), the SOPs in the Quality Assurance Project Plan (QAPP), and as described below. The QAPP and SAP are also included in the OMMP. The samples were collected monthly when the system was in active mode during the monitoring period through December 2007. Once the system was in passive mode, beginning in December 2007, samples were collected semi-annually. A semi-annual sample was collected from the blower outlet on January 27, 2009.

2. During monitoring and sampling of the Reservoir Gas Collection System in passive mode, an air sample is collected in a Summa canister from the sample port just before the system outlet. When the system is in passive mode, emissions from the subsurface bypass the carbon vessels and blower and pass directly through the stack outlet. All samples were transported under Chain-of-Custody to a State of California certified laboratory (Columbia Analytical Laboratories) and analyzed for VOCs, methane, Total Gaseous Non-methane Organics (TGNMO) and fixed gases (i.e., nitrogen, oxygen plus argon, carbon dioxide, carbon monoxide and hydrogen).

4.1.1.1 Sample Collection Procedures

1. The following equipment and materials were used during each round of the Reservoir Gas Collection System monitoring:
    - Foxboro TVA-1000 Combination photoionization detector (PID)/flame ionization detector (FID) and a LANTEC GA 90 Landfill Gas Meter. Serial numbers for instruments used during monitoring are shown on the Instrument Calibration Checklist sheets included in Appendix A.2;
    - Two six-liter stainless steel Summa canisters per round of sampling during active operation and one six-liter canister during passive operation.

- Two flow regulators per round of sampling (active system operation) or one regulator (passive system operation), set by the laboratory to collect a 30-minute sample (i.e., average flow rate of approximately 200 milliliters per minute);
- Pressure/vacuum gauge;
- Krestal handheld combination thermometer, barometer, anemometer;
- Reservoir Gas Collection System Air Monitoring Data Sheet;
- Daily Field Report; and
- Personal protective equipment (PPE) as described in the Final Health and Safety Plan (HASP).

2. The Reservoir Gas Collection System enclosure was visually inspected prior to collection of vapor samples to verify that there were no stored chemicals, cleaners or other fugitive sources of methane or VOC's. No unusual odors or fugitive emission sources were noted during the semi-annual Reservoir Gas Collection System monitoring.

3. Flow-regulated, six-liter, stainless steel Summa canisters were used to collect air samples during monitoring and sampling. The initial vacuum level was measured in canisters prior to start of sample collection and recorded on the Reservoir Gas Collection System Data Sheet. The flow regulator(s) were then connected to the Summa canisters. Copies of the completed Reservoir Gas Collection Data Sheets for each sampling event are included in Appendix A.2.

4. VOC monitoring from the Reservoir Gas Collection System carbon vessel inlet and outlet sample ports during active system operation or from the sample port immediately before the outlet stack during passive operation was also performed using the Foxboro TVA-1000 PID/FID. Methane, carbon dioxide and oxygen levels were measured from the sample ports using the LANTEC GA-90. Each instrument was allowed to warm up and was then calibrated using the calibration methods described in the instrument's operating manual.

5. VOC, methane, oxygen and carbon dioxide levels were measured by connecting the calibrated field instruments directly to the inlet and/or outlet sample ports using clean plastic tubing. The readings were recorded on the Reservoir Gas Collection Data Sheet. Clean plastic tubing was also used to connect the flow-regulated Summa canisters to the Reservoir Gas Collection System carbon vessel inlet port and/or outlet ports. Ambient temperature readings in units of degrees Fahrenheit and barometric pressure readings in units of inches

of mercury were measured using a Krestal handheld combination barometer, thermometer and anemometer and recorded on the Reservoir Gas Collection Data Sheet.

6. After recording the ambient conditions, the Summa canister valve was opened. The sampling start time was recorded on the Reservoir Gas Collection Data Sheet. The carbon vessel inlet and outlet vapor samples during active operation or an outlet vapor sample during passive operation were collected over a continuous 30-minute period using the flow regulators. The sampling technician remained at the Reservoir Gas Collection System site during the sample collection period to ensure the security of the Summa canisters.

7. At the completion of the vapor sample collection period, the Summa canister valves were closed, tubing disconnected and the flow regulators removed. A pressure gauge was attached to each Summa canister and the final vacuum level in the Summa canister was measured and recorded. Final field instrument readings (i.e., methane, oxygen, carbon dioxide and VOCs) were measured from the carbon vessel inlet and outlet ports during active operation or from the outlet port during passive operation, and the results recorded on the Reservoir Gas Collection Data Sheet.

8. A label was attached to each Summa canister using the following identification convention:
   - "WDI" (for Waste Disposal, Inc.);
   - An alphabetic code describing the Reservoir Gas Collection System Monitoring location; and
   - An additional identifier corresponding to the sampling round (date) being performed.

   The sample identifier is illustrated below:

   WDI-GTS-OUT-1-27-09 (Reservoir Gas Collection System Carbon Vessel Outlet, Sample Collected on January 27, 2009).

9. Each Summa canister was logged on a Chain-of-Custody form and placed in a cardboard container. The cardboard container was sealed with tamper proof tape and transported to Columbia Analytical Laboratories for analysis.

10. The Reservoir Gas Collection System monitoring and QA/QC results are presented in Chapters 5.0 and 6.0, respectively, and Conclusions and Recommendations are presented in Chapter 8.0.

4.1.2 BUILDING MODIFICATIONS

1. In-business air monitoring in 10 commercial buildings surrounding the WDI Site was performed quarterly during this monitoring period. The locations of the 10 businesses where samples were collected are shown in Figure 2-4. Air samples were collected from each of the in-business monitoring locations according to the procedures outlined in the SAP, the SOPs in the QAPP and as described below. The frequency of monitoring is based on the Decision Matrix for In-Business and Ambient Air Monitoring shown in Figure 4-1. The monitoring frequency is reviewed after each quarterly OM&M event or as described in the decision matrix and may be revised. Revisions to the monitoring frequency if necessary during this reporting period are described below.

2. The First Quarter in-business air monitoring and sampling event occurred in December 2008, and the Second Quarter in-business air monitoring and sampling event occurred in March 2009. Indoor business air samples were collected at the following 10 locations:
   - 12635 E. Los Nietos Road (IBM-03);
   - 12811 E. Los Nietos Road (IBM-41);
   - 9843 S. Greenleaf Avenue (IBM-50);
   - 12633 Los Nietos Road (IBM-03B);
   - 12637A Los Nietos Road (IBM-24B);
   - 12083 Los Nietos Road (IBM-37);
   - 9620 Santa Fe Springs Road (IBM-21);
   - 9630 Santa Fe Springs Road (IBM-22);
   - 9640 Santa Fe Springs Road (IBM-28); and
   - 12747 Los Nietos Road (IBM-32).

   Ambient air samples were also collected at the following two locations:
   - Outside building at 12637 Los Nietos Road (IBM-24AMB);
   - Outside at southeast corner of Los Nietos Road and Greenleaf Avenue (IBM-49AMB).

3. During the First Quarter monitoring event, 18 air samples, including six duplicate samples, were collected in Summa canisters. During the Second Quarter monitoring event, 16 air samples, including five duplicate samples, were also collected in Summa canisters. During the Second Quarter of FY 2008-09, a sample was not collected from Parcel 03B due to scheduling difficulties with the tenant. All samples were transported under Chain-of-Custody to a State of California certified laboratory (Columbia Analytical Laboratories) and

analyzed for VOCs by EPA Method TO-15 (including SIM analysis for vinyl chloride and 1,2-dibromoethane), and methane and TGNMO by EPA Method 25C.

4.1.2.1 In-Business Sample Collection Procedures

1. The following equipment and materials were used during each round of in-business and ambient air monitoring:
   - Foxboro TVA-1000 PID/FID, Serial Numbers for instruments used during monitoring are shown on the Instrument Calibration Checklist sheets;
   - Eighteen six-liter stainless steel Summa canisters for First Quarter sampling and 16 six-liter stainless steel Summa canisters for Second Quarter sampling;
   - Flow Regulators for First and Second Quarter sampling, set by the laboratory to collect a 24-hour sample (i.e., average flow rate of approximately 4 milliliters per minute);
   - Stainless steel tee fitting with valve for duplicate sampling;
   - Vacuum pressure gauge;
   - Krestal handheld combination thermometer, barometer, anemometer;
   - Tamper proof tape;
   - In-Business Air and Ambient Air Monitoring Data Sheet;
   - Daily Field Report; and
   - PPE as described in the HASP.

2. Coordination with tenants and/or owners occurred for scheduling monitoring activities in each building. Prior to performing any monitoring and sample collection, personnel inspected each building to verify that it was unoccupied and that all doors and windows were closed. A suitable location inside of each target building, away from stored chemicals, cleaners or other sources of VOCs, was selected as the monitoring and sample collection point. The same locations were used for both monitoring events. Due to difficulty in scheduling monitoring activities with some tenants, future notifications will be implemented earlier and, if necessary, include formal letters to tenants and property owners.

3. Flow-regulated, six-liter, stainless steel Summa canisters were used to collect air samples. The initial vacuum pressure was measured in each canister prior to start of sample collection and recorded on the In-Business and Ambient Air Monitoring Data Sheet

(In-Business/Ambient Air Data Sheet). Copies of the completed In-Business/Ambient Air Data Sheets for the sampled locations are included in Appendix A.9.

4. For each sampling location, a summa canister was placed in the selected location inside the building and/or at the ambient air sampling location and ambient temperature and pressure were measured and recorded. Ambient VOC monitoring was also performed using the Foxboro TVA-1000 PID/FID. Prior to using the PID/FID, the instrument was allowed to warm up and was calibrated using the method described in the instrument operating manual. Ambient temperature readings in units of degrees Fahrenheit and barometric pressure readings in units of inches of mercury were recorded using a Krestal handheld combination barometer, thermometer and anemometer.

5. After recording the ambient conditions (i.e., temperature, pressure, field VOCs), a flow regulator was connected to the Summa canister, the inlet valve was opened and the handle secured with tamper proof tape. The start time was recorded on the In-Business/Ambient Air Data Sheet. Air samples were collected over a continuous 24-hour period using the flow regulators.

6. Duplicate air samples were collected in Summa canisters as indicated in the QAPP. Duplicate sampling involved placing two flow-regulated Summa canisters next to each other at the sampling location, connecting them with the stainless steel tee fitting, opening the Summa canister valves and then opening the tee valve. During the First Quarter sampling, six duplicate samples were collected at locations IBM-03, IBM-24B, IBM-28, IBM-37, IBM-41, and IBM-50. During the Second Quarter sampling, five duplicate samples were collected at locations IBM-21, IBM-32, IBM-37, IBM-41, and IBM-50. The high number of duplicate samples collected during each quarterly event was due to the multiple sampling days required. A common sampling schedule could not be arranged with the different business owners and, therefore, samples were collected on different days. The QAPP requires that a duplicate be collected from one in-business location for each day of sampling.

7. At the end of the sampling period, the ambient temperature and pressure and field VOC measurements at the sample location were recorded. The tamper proof tape on the Summa canister valve was inspected, the condition noted and the tape was removed. The Summa canister valve was closed and the flow regulator was removed. A pressure gauge was

connected to the Summa canister and the final vacuum level was measured and recorded. For the duplicate samples the same procedure was followed with the sampling tee being removed prior to the flow regulator being removed. The ambient conditions, tamper proof tape condition, sample collection stop time and the final Summa canister vacuum level were recorded on the In-Business/Ambient Air Data Sheet.

8. A label was attached to each Summa canister using the following identification convention:
   - "WDI" (for Waste Disposal, Inc.);
   - An alpha-numerical code describing the in-business monitoring location; and
   - An additional identifier corresponding to the sampling round (date) being performed.

   The sample identifier is illustrated below:

   WDI-IBM-03-12-5-08 (In-business monitoring of Parcel 03, sample collected on December 5, 2008).

9. Each Summa canister was logged on a Chain-of-Custody form and placed in a cardboard container. The cardboard container was sealed with tamper proof tape and transported to Columbia Analytical Laboratories for analysis.

10. The in-business and ambient air monitoring and QA/QC results are presented in Chapters 5.0 and 6.0, respectively, and Conclusions and Recommendations are presented in Chapter 8.0.

4.1.3 SENTINEL BIOVENT SYSTEM

1. As stated in the Compliance Testing Plan (TRC, 2005a), the Sentinel Biovent System is a secondary Gas Control System for the Site. There are no specific performance goals for the system. As such, the biovent wells do not have data quality objectives for compliance monitoring. Also, the wells are not constructed as monitoring systems and are not configured to be sampled. In January 2009 (FY 2008-2009), an inspection of the biovent wells was conducted. Results from the inspection are presented in Section 3.2.3 and the inspection sheets are included in Appendix A.4.

4.2 LEACHATE MONITORING/CONTROL SYSTEM

4.2.1 LEACHATE COLLECTION WELLS

1. Construction and startup of automatic leachate recovery system for Wells LC-2 and LC-4 at the WDI Site was conducted during the First Quarter FY2007-08. Sounding and bailing of the Leachate Collection Wells LC-1 and LC-3 continued during this period. The location of the Leachate Collection wells, LC-1, LC-2, LC-3 and LC-4, is shown in Figure 2-3. Monitoring and bailing activities were performed (with some deviations) according to the procedures outlined in the SAP, the SOPs in the QAPP and as described below. Deviations from the SOPs are described below along with the rationale for the changes. Routine monitoring and bailing events were conducted twice weekly and have continued since the end of the Compliance Testing period through October 2007. In November 2007, sounding and bailing of the wells was temporarily discontinued in order to construct automatic recovery systems for wells LC-2 and LC-4. These automatic recovery systems were started in December 2007, at which time sounding and bailing of wells LC-1 and LC-3 was restarted.

4.2.2 SOUNDING AND BAILING PROCEDURES

1. The following equipment and materials were used during the Leachate Collection well sounding and bailing events:
    - Herron water interface meter;
    - 2-inch diameter, 36-inch long PVC Bailers;
    - Bailer Cord;
    - 55-gallon steel drums with lids;
    - PPE as described in the HASP;
    - Daily Field Report forms and/or appropriate monitoring data sheets;
    - Timepiece; and
    - Pen with indelible ink.

2. Each well was sounded by first removing the well box cover and well cap. The interface meter was then lowered into the well until the buzzer on the sensor spool activated indicating that the sensor end had encountered liquid. The sounder cable was pulled up slightly and liquids that may have accumulated on the level sensor end as it moved down the well casing were shaken off. The sensor was lowered again to the liquid level. The sensor was raised and lowered several times into and out of the liquid to confirm an accurate reading of liquid level (+/- 0.01 foot). Once the liquid level had been established with the sounder, the reading on the interface meter tape at the top of the well casing was noted as

the depth to liquid. The reading was recorded on the Leachate Collection Monitoring Data Sheet. The Leachate Collection Monitoring Data Sheets are included in Appendix A.8.

3. After measuring the depth to liquid, the interface meter sensor was lowered to the bottom of the well to sound total well depth. The sensor was lowered until it was felt to hit the bottom of the well (i.e., tension on the line was reduced). To assure that the sensor or cable were not caught inside the well and actually at the bottom, the cable was shaken and pulled up and lowered several times. When the sounder could not be lowered deeper into the well it was assumed to be at the bottom. The tape was pulled up until tension could just be felt and the reading on the interface meter tape at the top of the well casing was recorded as the total depth of the well on the Leachate Collection Monitoring Data Sheet.

4. As required by SOP in the QAPP, a well that contained more than 12 inches of liquid was bailed until the level was less than 12 inches. Liquids were removed from the wells by bailing using a 2-inch diameter by 36-inch long PVC bailer. The bailed liquids from wells LC-1 and LC-3 were collected in 55-gallon steel drums. Bailing time and initial and final liquid levels were recorded on the Leachate Collection Monitoring Data Sheet.

5. The bailed liquids were placed in 55-gallon drums. The frequency of sounding and bailing wells LC-1 and LC-3 was one time per week. This frequency was maintained since continuous pumping from LC-2 and LC-4 began (except when adverse weather conditions prevented access to the Site). Bailing of the wells that contained more than 12 inches of liquid was performed during each monitoring event. The regular, weekly bailing and sounding readings were recorded on Leachate Collection Monitoring Data Sheets.

6. The Leachate Collection Wells monitoring results are presented in Chapter 5.0, and Conclusions and Recommendations are presented in Chapter 8.0.

4.2.3 DEVIATIONS FROM THE SOP

1. SOPs in the QAPP, developed prior to remedy design, directed that all equipment should be decontaminated between well sounding and bailing. Decontamination of equipment between leachate well sounding and bailing was not performed because cross-contamination is not a concern and sampling is not performed. The liquids in the reservoir basin are known to be significantly impacted with petroleum hydrocarbons and the levels and distinction of contaminants between wells is not important.

2. SOPs in the QAPP, developed prior to remedy design, directed that liquids removed from the wells would be accumulated in a Baker tank. However, 55-gallon drums were used as an alternative means of storage for liquids bailed from LC-1 and LC-3. Liquids from wells LC-2 and LC-4 are stored in tanks.

3. SOPs in the QAPP, developed prior to remedy design, directed that liquids removed from the wells would be placed in the oil/water separator for treatment. Liquids removed from the wells were not treated in an oil/water separator. The collected liquids are profiled and transported to an approved facility.

4.3 SOIL GAS MONITORING

4.3.1 VAPOR MONITORING WELLS

1. Monitoring and sampling of the vapor monitoring wells at the WDI Site were conducted semi-annually during this monitoring period. The locations of the vapor wells are shown in Figures 2-3 and 2-4. Soil gas samples were collected from the vapor well sample ports according to the procedures outlined in the SAP, the SOPs in the QAPP and as described below. The frequency of monitoring is based on the Decision Matrix Criteria for Soil Gas Monitoring Data shown in Figure 4-2. Based on the monitoring results from the prior period, the monitoring frequency was switched from quarterly to semi-annually (First and Third Quarters) starting in the First Quarter of FY 2007-08 (December 2007).

2. The vapor well locations shown in Figures 2-3 and 2-4 are nested wells with screened intervals at different depths (shallow, intermediate and/or deep). There are 22 vapor well locations shown in Figures 2-3 and 2-4. Two of these wells (VW-32 and VW-33) were not sampled because they were suspected of being destroyed during construction or paved over. The remaining 20 vapor well locations contain a total of 50 nested wells.

3. Vapor wells VW-29 through -39, -41, and -42 are located along the perimeter of the Site and are used to monitor migration of soil vapors offsite as well as towards nearby buildings. These vapor wells are designated “Compliance Vapor Wells” as indicated in Figure 2-4.

4. Vapor wells VW-25, -46, -49, -51, -55, -56, -58, -61, and -62 are located in or near historic areas of non-compliance. These wells were selected to monitor for occurrence and/or migration from these non-compliance areas and are not used to determine compliance with

Soil Gas Performance Standards; and, therefore, are designated as "Non-Compliance Vapor Wells" as indicated in Figure 2-4.

5. Vapor well monitoring and sampling was conducted in December 2008 (First Quarter) during this monitoring period. During the First Quarter event, two trip blanks and one ambient air sample at the wellhead of a non-compliance well (VW-62-Ambient) were collected. Another ambient air sample was not collected at the head of compliance well (VW-42-Ambient) during the First Quarter event but was collected during the Third Quarter event of FY 2008-2009.

6. During the vapor well monitoring, a vapor sample was collected in a Summa canister from each nested well installed in the vapor well location. All samples, including the confirmation samples, were transported under Chain-of-Custody to a State of California certified laboratory (Columbia Analytical Laboratories) and analyzed for VOCs by EPA Method TO-15, methane and TGNMO by EPA Method 25C, and fixed gases (i.e., nitrogen, oxygen plus argon, carbon dioxide, carbon monoxide and hydrogen) by EPA Method 3C. If TGNMO concentrations were elevated, methane was analyzed by EPA Method 3C rather than EPA Method 25C.

4.3.2 VAPOR WELL SAMPLE COLLECTION PROCEDURES

1. The following equipment and materials were used during the vapor well monitoring:
   - Foxboro TVA-1000 Combination PID/FID or equivalent;
   - LANDTEC GA-90 Landfill Gas Meter;
   - Dwyer 475 Mark III Handheld Digital Manometer with appropriate pressure ranges for the wells to be monitored;
   - Thomas vacuum pump (Model 107 COC 18-TFE);
   - Krestal handheld combination barometer, thermometer and anemometer;
   - Timepiece;
   - Pen with indelible ink;
   - 6-liter Summa canisters;
   - Flow regulators, set by the laboratory to collect a 30-minute sample (i.e., average flow rate of approximately 200 ml/min);
   - Thermometer inserted through a center drilled stainless steel tee;
   - Generator;
   - Vapor well monitoring data sheets;
   - Vacuum pressure gauge;
   - 1 to 10 liters per minute flow meter;

- Various 1/4- and 1/2-inch-diameter Tygon® tubing lengths and wye-splitter fittings;
- PPE as described in the HASP; and
- Soil Vapor Well Monitoring Data Sheet.

2. The area around the vapor wells was inspected prior to collection of samples to verify stored chemicals, cleaners or other potential sources of VOCs were not present. Also, the gas powered electrical generator powering the vacuum pump was kept down-wind of the wells during sampling.

3. The initial pressure/vacuum and soil gas conditions in each of the nested well monitoring points were measured. Pressure/vacuum and soil gas readings were measured by attaching the appropriate instrument to the well using a short piece of tubing. Pressure/vacuum readings were collected using a suitable range Dwyer 475 Mark III Handheld Digital Manometer. Vapor well VOC levels were measured using the Foxboro TVA-1000 PID/FID. Vapor well methane, carbon dioxide, and oxygen levels were measured using the LANDTEC GA-90. All readings were recorded on the Soil Vapor Well Monitoring Data Sheet. Both gas analysis instruments were allowed to warm up and were then calibrated using the calibration methods described in the instrument's operating manual.

4. Each nested well monitoring point was purged prior to sample collection. Three well volumes of soil gas were withdrawn using the vacuum pump connected with tubing to the nested well monitoring point. The flow rate was measured using a 10-liter per minute capacity flow meter and the soil gas temperature was measured using a thermometer inserted through a center drilled stainless steel tee. The flow meter and thermometer were installed inline between the nested well monitoring point and the vacuum pump. The volume of air required to purge three well volumes was calculated as described in SOP “S”. The vacuum pump flow rate, soil gas temperature, purge time and volume were recorded on the Soil Vapor Well Monitoring Data Sheet. Copies of the completed Soil Vapor Well Monitoring Data Sheets for all sampled locations, including the confirmation sample locations, are included in Appendix A.6.

5. After well purging, VOC, methane, carbon dioxide and oxygen readings were measured again using the field instruments and the data recorded. After the post purge readings were collected, the field instruments were disconnected. Prior to connection of the Summa canister to the nested well, the initial vacuum pressure was measured in each canister.

A 30-minute flow-regulator was then connected to each Summa canister and one flow-regulated Summa canister was attached to each nested well monitoring point to collect a soil gas sample. All data were recorded on the Soil Vapor Well Monitoring Data Sheet.

6. Ambient temperature readings in units of degrees Fahrenheit and barometric pressure readings in units of inches of mercury were measured using a Krestal handheld combination barometer, thermometer and anemometer and recorded on the Soil Vapor Well Monitoring Data Sheet.

7. After recording the ambient conditions, the Summa canister inlet valves were opened. The start time was recorded on the Soil Vapor Well Monitoring Data Sheet. Duplicate air samples were collected in Summa canisters as indicated in the QAPP. Duplicate samples were collected by connecting two flow-regulated canisters together using a "Y" manifold made from a Nalgene wye and Tygon tubing. After connecting the two canisters the third connection of the manifold was connected to the nested well monitoring point. Both canister valves were opened simultaneously to obtain a split sample. Air samples were collected over a continuous 30-minute period using the flow regulators. The technician remained at the vapor well during the 30-minute sample collection period to ensure the security of the Summa canisters.

8. Unusual odors or fugitive emission source were not noted during the vapor well monitoring events.

9. After the completion of the 30-minute monitoring period, the Summa canister valve was closed and the flow regulator was removed. A pressure gauge was attached and the final vacuum pressure in each Summa canister was measured. The sample collection stop times and the final vacuum pressures were recorded on the Soil Vapor Well Monitoring Data Sheet.

10. A label was attached to each Summa canister using the following identification convention:
    - "WDI" (for Waste Disposal, Inc.);
    - An alpha-numeric code describing the vapor well monitoring location and depth;
    - An additional identifier corresponding to the sampling round (date) being performed;

    The sample identifier is illustrated below; and

WDI-VW-58-S-12-29-08 (Vapor Well 58, shallow monitoring point collected on December 29, 2008).

11. Each Summa canister was logged on a Chain-of-Custody form and placed in a cardboard container. The cardboard container was sealed with tamper proof tape and transported to Columbia Analytical Laboratories for analysis.

12. The vapor well air monitoring and QA/QC results are presented in Chapters 5.0 and 6.0, respectively, and Conclusions and Recommendations are presented in Chapter 8.0.

4.4 GROUND WATER MONITORING

4.4.1 GROUND WATER MONITORING WELLS

1. Monitoring and sampling of the ground water wells at the WDI Site was conducted once during this semi-annual reporting period. The locations of the 12 ground water wells are shown in Figures 2-3 and 2-4. Ground water samples were collected from the wells according to the procedures outlined in the SAP, the SOPs in the QAPP and as described below. The frequency of monitoring is based on the Decision Matrix Criteria for Ground Water Monitoring shown in Figure 4-3. Based on the monitoring results from FY 2006-2007, the monitoring frequency was switched from semi-annual to annual starting in FY 2007-2008.

2. Ground water monitoring and sampling was conducted in April 2009. During the ground water sampling event, 12 ground water samples along with two trip blanks, two field blanks, and two equipment rinsate blanks (one of each per day of sampling) and two duplicate samples (from GW-11 and GW-30) were collected.

3. The 12 ground water wells are divided into four groups; Background Wells, Point of Compliance (POC) Wells, Near-Source Detection Wells and Verification Wells. Background wells are onsite wells that have not been impacted by Site activities (typically they are located upgradient or cross-gradient of the Site). The selected background wells include GW-01, -02 and -32. In addition, well GW-11 was also monitored for deep background cross-gradient ground water quality.

4. POC wells are onsite monitoring wells located at the POC (i.e., downgradient edge of the waste unit). The selected POC wells include ground water wells GW-22, -23, and -26.

5. Near-Source Detection Wells are onsite detection wells located near the waste source area. Wells GW-10 and -33 are selected as near-source detection wells for long-term ground water monitoring.

6. The Verification Wells are onsite wells located near the property line of the Site downgradient of the Site waste source. The existing downgradient monitoring wells GW-27, -29, and -30 serve as verification wells for long-term ground water monitoring.

7. Ground water monitoring wells were sounded to determine liquid levels. The ground water samples were transported under Chain-of-Custody to a State of California certified laboratory (TestAmerica Analytical Laboratories) and analyzed for VOCs by EPA Method 8260B, chlorides and sulfates by EPA Method 300.0, total dissolved solids by EPA Method 160.1, pH by EPA Method SM4500-H,B, SVOCs by EPA Method 8270C and total dissolved metals by EPA Methods 6010 and 7470. Table 4-1 lists the COCs for which ground water is analyzed along with the corresponding MCLs for safe drinking water. As noted in Chapter 2.0, the AROD (EPA, 2002) concluded that the Site has not contributed to the exceedances of ground water MCLs, and therefore, there are no performance standards set for ground water.

4.4.2 GROUND WATER MONITORING AND SAMPLE COLLECTION PROCEDURES

4.4.2.1 Ground Water Well Monitoring and Sample Collection Equipment

1. The following materials were used for this procedure:
    - Solinst water level meter with 200 feet of sounding line and a Type P.4 probe (or similar).
    - One 9-volt alkaline battery for power backup.
    - One-half-inch inside diameter vinyl tubing in 100-foot lengths.
    - Centrifugal, submersible, peristaltic pump or bailer for purging and sample collection.
    - pH and temperature meter.
    - Specific conductance meter.
    - Bailers.
    - Sample containers (provided by analytical laboratory, with appropriate preservatives as outlined in the QAPP).
    - Buckets and intermediate containers.
    - Coolers and ice.
    - Bailer cord.
    - Disposable (Nitrile) gloves.
    - Chemical-free paper towels.
    - Plastic sheets.

- Sample bottle labels.
- Daily Field Report forms and/or appropriate monitoring data sheets (see SOP "J").
- Ground Water Sampling Field Notes.
- Timepiece.
- Pen with indelible ink.

4.4.2.2 Ground Water Well Sounding Procedures

1. Well sounding was conducted using a Solinst water level meter or similar device.

2. To sound the monitoring well, the cap on top of the well was removed, and the weighted end of the sounder was lowered into the well. The sounder was lowered until the buzzer on the sounder spool activated ("buzzed"), indicating liquids were at the sounder end. Depth to water (DTW) was measured to the top of the casing at the surveyor's v-notch or otherwise marked location on the top of the casing. The DTW was noted on the monitoring data sheet. The probe was raised above the liquid level and re-submerged two or three times to confirm an accurate reading of liquid level.

3. To sound total well depth, the sounder was lowered until it was felt to hit the bottom of the well (tension on the line will reduce). To assure that the sounder was not "hung up" inside the well, the sounder cable was shaken and the sounder was further lowered, if possible. If it was not lowered further, the reading as "total depth" was recorded on the monitoring data sheet.

4. Field equipment was decontaminated between wells. Decontamination procedures are described in SOP "G".

4.4.2.3 Ground Water Well Purging Procedures

1. Each well was purged prior to sample collection by withdrawing three well volumes of ground water. The volume of water present in each well was computed based on the length of the water column and the well casing diameter.

2. Water was purged from the bottom of the well screen interval. At the start of purging and after every well volume withdrawn, the temperature, conductivity, and pH (indicator parameters) of the purge water were measured. Samples were collected after the removal of three well volumes and when the value of indicator parameters did not vary by more than 10 percent over two consecutive measurements. As described in the QAPP and the SOP,

these instruments were calibrated daily to maintain accuracy. Field parameter values were recorded on the Ground Water Monitoring Data Sheet, along with the corresponding purge volume. If the well was purged dry, samples were collected after the well returned to 80 percent of its original volume but not to exceed 2 hours.

3. A low flow sampling pump was used, in accordance with EPA guidance for ground water sampling of metals and general parameters.

4.4.2.4 Ground Water Well Sample Collection Procedures

1. Samples were collected using a clean, decontaminated Teflon®, stainless steel, or disposable bailer and a spool of new, clean polypropylene rope, or equivalent bailer cord. The bailer was fitted with a petcock valve or volatile organic analysis (VOA) tip to facilitate controlled filling of sample containers.

2. The bailer was lowered into the monitoring well and water samples were obtained from midpoint or lower within the water column; this was accomplished by lowering the bailer to the midpoint or lower before retrieving it from the well.

3. When removing the sample from the bailer to the sample bottle, the mixing of air was minimized by tilting the sample bottle and allowing the water to run down the inside wall of the bottle.

4. When sampling for VOCs, the 40-milliliter VOAs were completely filled with no remaining headspace. To avoid aeration, the VOA was held at an angle so that the stream of water flowed down the side.

5. The VOA was turned upside-down and tapped to check for air bubbles. If bubbles were present, the VOA was disposed of, and a new VOA filled.

6. Dissolved metal samples were field filtered by attaching a disposable, 0.45 micrometer filter to the discharge tubing upon the completion of well purging.

7. Plastic bottles without preservatives were completely filled to minimize air contact; however, 1-liter glass bottles were filled 90 percent full to allow room for expansion and contraction of liquid.

8. Each sample collected was identified as having originated from the site by prefacing each sample designation with "WDI" (for Waste Disposal, Inc.), identified by an alpha and numerical code for the well, and having an additional identifier corresponded to the ground water sampling round (date) being performed. The sample identifier is illustrated below:

   - **WDI-GMW-32-4-1-09** Existing Ground Water Monitoring Well No. 32, collected on April 1, 2009.

9. Information on analytical parameters, sample containers, methods of preservation, and holding times are specified in the QAPP.

10. Samples were packed in the following manner for shipment. Detailed transportation procedures are provided in SOP "H".

    - Each sample container was wrapped in bubble pack or other packing material, placed in separate, sealable plastic bags, and then placed in an ice chest precooled to 4 degrees Celsius (°C) with Blue Ice® packages or double-bagged ice packets.
    - The completed Chain-of-Custody record going to the laboratory was placed in a sealable plastic bag, which was placed in the cooler.
    - The cooler lid was taped shut with strapping/packaging tape.
    - A custody seal was completed, signed and attached to the lid and the front of the cooler for hinged coolers. Two custody seals were attached to coolers with removable lids. One was attached to the front and one to the back of these coolers.
    - The coolers were hand-delivered or shipped via overnight carrier to the laboratory at the end of each day's sampling. Samples were shipped in a manner such that the laboratory received them within 24 hours or less from the actual sampling times, depending on the holding times.

11. The pumps used for purging and sampling of metals and general parameters were decontaminated after each use following procedures provided in SOP "G".

12. Each sample container was labeled with the name of the person taking the sample, date and time, identification code, type of sample, preservation method, and analyses to be performed. The label also indicated if the sample was to be held in appropriate storage by the laboratory until the geologist/engineer determined if analyses was to be performed based on initial analytical results for representative samples.

13. Sample documentation was performed in accordance with the procedures in the SAP and SOP "J" and monitoring and measurement data was recorded on the appropriate monitoring data sheet. The data sheets are included in Appendix A.5.

14. Chain-of-Custody procedures which are provided in SOP I and discussed in the QAPP were used to maintain and document sample possessions. The Chain-of-Custody record was initiated at the time of sampling and contained the sample number, date and time, name and dated signature of the person taking the sample, as well as the methods by which each sample was to be analyzed, and other pertinent information.

15. Sample transfers were noted on the record sheet for each sample. Standardized Chain-of-Custody forms were used for tracking samples from the point of origin in the field through laboratory processing and disposal.

16. The Chain-of-Custody forms accompanied the samples, enclosed within the ice chest. One copy of each form was retained by field personnel prior to shipment of the samples to the laboratory. Copies of the Chain-of-Custody records completed by the laboratory were returned with the results of laboratory analyses.

17. The ground water well monitoring and QA/QC results are presented in Chapters 5.0 and 6.0, respectively, and Conclusions and Recommendations are presented in Chapter 8.0.

4.5 STORMWATER MONITORING

1. The Long-Term Stormwater Monitoring Plan involves monitoring of stormwater runoff quality and volume and inspection and maintenance of the stormwater drainage system at the Site.

2. A SWPPP is not required since there are no known sources of potential surface pollutants to stormwater runoff from the Site area. Also, there have been no significant quantities of spills, leaks, treatments, or storage of known materials at the Site since the Site has been closed as a waste disposal facility in the mid to late 1960s. The fill soils comprising the RCRA C-equivalent and RCRA D-equivalent caps have been demonstrated to not be contaminated.

4.5.1 OBJECTIVES AND REQUIREMENTS

1. The objectives of the Long-Term Stormwater Monitoring Plan are to control and monitor stormwater runoff quality to determine effectiveness of the RCRA Subtitle C- and D-equivalent covers and implemented surface drainage control systems (i.e., stormwater management system), and potential degradation of stormwater quality due to tenant-related activities and/or migration of buried wastes.

2. There are no Long-Term Stormwater Monitoring Plan requirements or Performance Standards identified in the CD. The Long-Term Stormwater Monitoring Plan is designed based on the stormwater runoff quality monitoring requirements identified herein.

4.5.2 STORMWATER MONITORING PARAMETERS

1. The stormwater runoff quality monitoring parameters include the COCs identified for Long-Term Ground Water Monitoring Plan. The stormwater is monitored for ground water COCs in order to detect potential migration of contaminants from buried Site waste material. The stormwater COCs also include contaminants related to onsite activities (due to business conducted by the tenants of the onsite buildings). This provides information on possible contamination and environmental impacts caused by the tenant activities at the Site. The contaminants related to tenant onsite activities include oil and grease, metals, and total suspended solids (TSS). Table 4-2 lists the COCs for which stormwater is analyzed along with the corresponding MCLs for safe drinking water.

2. The stormwater runoff volume will also be monitored to verify the implemented surface drainage system meets the design requirements. The key design requirements identified for the Site surface drainage control system are as follows:
   - Prevent erosion of containment structure.
   - Design system for 100-year, 24-hour storm.
   - Integrate with existing offsite infrastructure.
   - Final grade to promote lateral drainage and prevent ponding due to future settlement.
   - Final grade to consider post-closure land use.

4.5.3 STORMWATER MONITORING PROGRAM

1. The proposed stormwater monitoring program includes monitoring of stormwater runoff quality and visual inspection of surface drainage control systems implemented at the Site (post construction).

2. The stormwater monitoring sampling locations, SW-1 through SW-6, are shown in Figure 2-5. The selected locations are the surface drainage catch basin (SW-2), which is located at the low spot of the Site to collect stormwater runoff and convey the collected water to the stormwater sewer system, and the locations within stormwater drainage paths (SW-3 through SW-6). Note that the sampling point SW-1 is not located within the catch basin area or drainage paths; instead the SW-1 location is the highest point (highest elevation) at the Site. The analytical results of the sample collected at SW-1 will provide "background concentrations" of rainfall precipitation before it has significant Site surface contact and is conveyed to a runoff point. Stormwater samples will be collected and analyzed pursuant to the procedures and methods described in the QAPP and associated SOPs.

4.5.4 STORMWATER MONITORING FREQUENCY

1. The stormwater sampling and drainage system inspection will be conducted following the first significant storm event after construction of the Site remedy is completed and again after a second significant storm event. A significant storm event is one that has accumulated precipitation at the Site greater than 2 inches over a 24-hour period. Additional monitoring events may be performed as needed or at the direction of EPA.

4.5.5 STORMWATER MONITORING

1. Based on the stormwater monitoring requirements and frequency, sampling was not conducted during this or the prior reporting period due to minimal rainfall events and intensities. At this point in time, the initial and second significant storm events have not occurred that would have required a stormwater monitoring event. Routine inspections of monitoring points and control system features were conducted and are reported in Section 3.4 and Appendix A.7.

4.6 STATISTICAL ANALYSIS OF ANALYTICAL DATA

1. The statistical analysis of the soil gas and ground water analytical data is discussed below. The purpose of the statistical analysis is to compare the post remedy concentrations of soil gas and ground water COCs with concentrations that existed prior to remedy implementation. In this manner, statistically concentration changes that occur post-remedy can be identified. This statistical analysis is not intended to identify pre-remedy contamination changes. The constituent data that was measured prior to remedy implementation defines background concentrations for purposes of evaluating statistically changes/trends in chemistry post remedy. This approach is consistent with that discussed in EPA, 1989 in which a background concentration distribution is defined and used to evaluate trends/statistically changes in data after the background period.

2. As monitoring continues and the new data are found to be "in control", i.e., within calculated limits, the background period and statistics of mean and variance will be updated to include the new data. The background update will occur every 2 years. This approach is consistent with that discussed in EPA, 1989 and Gibbons et al., 2003. If the data are found to be "out of control" (i.e. the data fall outside calculated limits), the background period will remain constant (i.e. include only data collected pre-remedy or that are "in control").

3. Statistical analysis of the data is performed using the computer program DUMPStat developed by Discerning Systems, Inc. (Gibbons et al., 2003). Specifically, the Shewart-CUSUM control chart method for intra-well comparisons is used to derive the baseline control limit using historical (background) data. Deviations from background/pre-remedy concentrations are determined by comparing the measured concentrations for samples taken post-remedy to the Shewart-CUSUM control limit. The intra-well method is appropriate for soil gas since there is a high degree of spatial variability in the soil gas concentration across the site. The variability in soil gas concentrations is likely a result of the variability of the waste stream and waste distribution throughout the site. The intra-well method is appropriate for ground water since ground water quality was not impacted prior to remedy implementation and the well locations are located spatially and vertically (i.e., in multiple water bearing zones) apart from one another. Thus, the data at each well defines the background for the well prior to waste placement and through the time period prior to remedy implementation.

4. A database must have certain characteristics for the control chart method to provide reliable results as discussed in EPA, 1989 and Gibbons et al., 2003. Key characteristics include the following:

   - A minimum of eight sample results. A smaller database results in a high false negative rate.
   - The data are independent and normally distributed. Of these, independence is the most important while normality is less of a concern (EPA, 1989 and Gibbons et al., 2003). Since the sampling history has been random in nature, the data are likely independent.
   - Non-detects should not comprise a significant portion of the database (i.e., should be less than 75 percent of the test results).

   For databases with less than 8 sample results or less than 25 percent detects for a given constituent, DUMPStat uses a Poisson prediction limit to evaluate the data. Poisson prediction limit exceedances are not statistically robust like the CUSUM exceedances. Poisson exceedances are useful to track as an indication of potential areas of concern.

5. Considering the requirements discussed above and as agreed with the EPA, evaluating trends using the control chart method is suited to the Non-Compliance Soil Gas and ground water analytical results. Most constituents at the soil gas compliance wells are not frequently detected as shown in Table 4-3. Soil gas results for the compliance wells are compared to the SGPS to assess soil gas migration and potential effects of the remedy on soil gas concentrations. Section 5.3.2 discusses the soil gas compliance well results. The statistical evaluations for the Non-Compliance Soil Gas wells and ground water wells are provided in Sections 5.3.4 and 5.4.2.6, respectively.

6. The database utilized for statistical analysis includes all monitoring results for each constituent at each monitoring location. When a constituent was measured to be non-detect, one-half of the detection limit was used in the database for that sample episode. As is evident in the DUMPStat output, the non-detect values vary over time. This variation is due to laboratory QA/QC methods that result in changes to the detection limit. Method detection limits (MDLs) vary for a number of reasons. The laboratory is required to perform an MDL study at least once annually for each matrix, method, analyte, and instrument. If there are four instruments performing TO-15, for example, the highest MDL for a given analyte is used in the reporting of data. Also, when samples are analyzed, the MDL is adjusted based on the dilution factor. Therefore, if sample 1 has a different dilution factor than sample 2, the MDLs for a given analyte will vary.

In addition, DUMPStat requires the user to specify the value of certain parameters. These include the following along with the specified value:

h - decision interval value, = 4.5.
k - reference value or allowable slack, = 1.
SCL - upper Shewart Control limit, = 4.5.

These values are within the recommended range and result in a more conservative result (EPA, 1989 and Gibbons et al., 2003).

7. DUMPStat automatically identifies and excludes outliers in computing the statistics of mean and standard deviation. This eliminates extreme values that could bias the statistical limits to the high side (Gibbons et al., 2003).

8. In addition to identifying Normal Control Limit and Poisson Prediction Limit exceedances, DUMPStat also indicates when exceedances are verified, termed Verified Exceedance and Verified Hit. (These terms are used interchangeably by the program based on space limitations in the graph title line). Verified Exceedances and Verified Hits are the terms used to indicate the preceding exceedance of the limits has been verified. If the preceding exceedance is verified by the current point, then the graph title will include "verified exceedance or verified hit".

5.0 MONITORING RESULTS

1. Results provided in this report are based on sampling and monitoring events during the First and Second Quarters of FY 2008-2009 (October 2008 through March 2009). The data were collected using the procedures described in Chapter 4.0 and in the OMMP. Data provided for Building Modifications (in-business air) and Surface Emissions Monitoring (ambient air) were collected quarterly during two sampling events (December 2008 and March 2009). Data for Vapor Monitoring Wells and the Reservoir Gas Collection System were collected semi-annually (December 2008 and January 2009, respectively). Data for the Leachate Monitoring/Control System were collected weekly during this reporting period. Data for the Ground Water Monitoring Wells were collected annually from a sampling event in April 2009 (ground water sampling event was initially scheduled for the March 2009 [Second Quarter] but was conducted on April 1 and 2, 2009 due to a scheduling change).

5.1 GAS MIGRATION CONTROL SYSTEM

5.1.1 RESERVOIR GAS COLLECTION SYSTEM RESULTS

1. A semi-annual sample was collected and analyzed from the reservoir gas collection system effluent on January 27, 2009. The analytical results are summarized in Table 5-1 and the laboratory reports and Chain-of-Custodies are included in Appendix B.2. Table 5-1 also includes data collected on a monthly basis through December 2007, at which time the system blower was shut down and the system was switched to passive mode and semi-annual sampling.

2. In October and December 2007 when the system was in active mode, Methane influent concentrations ranged from 190 ppmv to 690 ppmv, below the SCAQMD "active" operation performance criteria of 2.3 pounds per day. The methane effluent concentration was detected at 10 ppmv in January 2009 during semi-annual monitoring of the system in passive mode, when gas flow is low and not measurable. Since the passive mode does not draw air in by the action of the extraction blower, the effluent flow at the sampling point is low and not measurable by the pitot tube measurement devices in the system and, therefore, methane pounds per day cannot be calculated. The flux of methane would be expected to be low as was the case during active operation. Figure 5-1 shows methane data in pounds per day versus time when the system was in active operation. The methane profile during active operation was not indicative of high anaerobic generation rates in the waste materials. The fixed gases indicated higher nitrogen and carbon dioxide and lower oxygen levels than in

typical ambient air (e.g., typical ambient air: nitrogen=79 percent, oxygen=21 percent, and carbon dioxide=330 ppmv). The fixed gas results were indicative of aerobic degradation conditions occurring in the waste materials (e.g., oxygen being depleted by aerobic micro-organisms to produce carbon dioxide with nitrogen concentrations increasing due to oxygen/carbon dioxide volume changes).

3. The total gaseous non-methane organics (TGNMO) effluent level was detected at 4.3 ppmv as methane (equivalent to 0.7 ppmv as hexane) in passive mode in January 2009. The influent levels ranged from 4.1 ppmv to 4.5 ppmv as methane (equivalent to 0.68 ppmv to 0.75 ppmv as hexane) in active mode in October and December 2007. These prior and current concentrations are less than the system performance requirement of reducing the TGNMO by 98 percent or to less than 20 ppmv as hexane. Figure 5-1 provides a graph of the TGNMO concentration data as hexane versus time for the active mode. The TGNMO levels indicated only low levels of volatile organics were present in the gases extracted from under the RCRA C-equivalent cover during active operation.

4. The maximum total VOC inlet concentration from the Reservoir Gas Collection System in active mode from October 2007 through December 2007 was approximately 94.1 ppbv. This is equivalent to 0.002 pounds of VOCs per day at the measured flow rate of approximately 50 scfm and an average molecular weight of the constituents in the vapor stream estimated to be 60 pounds per pound mole (average molecular weight heavily weighted by acetone). This VOC inlet rate was well below the SCAQMD total VOC active performance criteria emission rate of less than 1 pound per day. Figure 5-1 provides a graph of the VOC data in pounds per day versus time for the active mode. The total VOC outlet concentration in passive mode in January 2009 was approximately 30 ppbv. Again, since the passive mode does not draw air in by the action of the extraction blower, the effluent flow/constituent flux at the sampling point is low and not measurable by the pitot tube measurement devices in the system. However, VOC pounds per day are expected to be lower than that during active operation since the VOC concentration is lower and the flow is significantly lower.

5.1.2 IN-BUSINESS AIR MONITORING RESULTS (BUILDING MODIFICATIONS)

1. The in-business air monitoring was performed at ten locations around the perimeter of the Site (see Figure 2-4 for in-business air monitoring locations). A total of 16 samples (10 business locations and six duplicates) were collected during the First Quarter and a total of 14 samples (nine business locations and five duplicates) were collected during the Second

Quarter. A sample was not collected from Parcel 03B during the Second Quarter due to scheduling difficulties with the tenant. The analytical results are summarized in Table 5-2 along with the historical data from previous in-business air monitoring events. Copies of the In-Business Air Monitoring Data Sheets are included in Appendix A.9 and copies of analytical reports and Chain-of-Custody forms are included in Appendices B.2 and B.3.

2. The methane results were low for each business location sampled and ranged from 1.5 ppmv at IBM-50 to 4.3 ppmv at IBM-37 versus the IATL standard of maintaining the methane concentration at or below 1.25% by volume or 12,500 ppmv in the building. After the First and Second Quarter 2006-2007 monitoring events, it was determined that analysis of fixed gases was not required for in-business samples pursuant to the OMMP and, therefore, these analyses were not performed during this reporting period and will not be performed during future monitoring events. Results for ambient air locations IBM-24[AMB] and IBM-49[AMB] are also provided in Table 5-2. The methane results for the ambient air samples were similar to those for the in-business locations (see Section 5.1.3 below).

3. The TGNMO levels ranged from non-detect to 9.7 ppmv (IBM-41) in the in-business air locations and were consistent with prior results.

4. The analytical results for benzene in four business locations (IBM-21, IBM-22, IBM-37, and IBM-41), PCE for one business location (IBM-37) and toluene for one business location (IBM-41) were at or above the IATLs (maximum concentrations of 13 ppbv benzene in IBM-21, 11 ppbv PCE in IBM-37, and 240 ppbv toluene in IBM-41 during this reporting period). The following are samples with constituents that were not detected but which had reporting limits above IATLs:

SAMPLE	DATE	ANALYTE	IATL (ppbv)	RESULT (ppbv)
IBM-03	12/5/08	1,2-Dichloropropane	1.86	<2
	12/5/08	TCE	0.56	<1.7
IBM-21	3/27/2009	Vinyl Chloride	0.25	<0.41, <0.45
	3/27/2009	TCE	0.56	<0.64
	3/27/2009	1,2-Dibromoethane	0.06	<0.13, <0.15
IBM-41	12/22/2008	Vinyl Chloride	0.25	<0.26
	12/22/2008	1,2-Dichloroethane	3.6	<3.7
	12/22/2008	Benzene	2.0	<4.7
	12/22/2008	TCE	0.56	<2.8, <2.4
	12/22/2008	1,2-Dibromoethane	0.06	<0.087, <0.077

5. The specific in-business air monitoring constituents reported above the IATLs are highlighted in Table 5-2 and discussed further in Chapter 8.0 Conclusions and Recommendations. The other priority pollutant VOCs were either non-detect, in the low ppbv range, and/or below the IATLs for each business location.

6. QA/QC results for the analytical data are presented in Chapter 6.0. Further comments, explanations, and conclusions regarding the results from in-business air sampling are provided in Chapter 8.0 Conclusions and Recommendations.

5.1.3 AMBIENT AIR MONITORING RESULTS

1. Two ambient air sampling stations are monitored in order to provide a baseline for in-business air monitoring results. The outdoor monitoring stations are located outside of the building at 12637 Los Nietos Road (IBM-24[AMB]) and at the southeast corner of the Site near the intersection of Los Nietos Road and Greenleaf Avenue [IBM-49(AMB)], as shown in Figure 2-4. Two ambient air samples were collected both during the First Quarter and during the Second Quarter (no duplicates). Ambient air samples were collected concurrently with the in-business air samples. Table 5-2 presents the results of the current sampling along with historical data from previous monitoring events. Copies of the Ambient Air Monitoring Data Sheets are included in Appendix A.9 and copies of the analytical reports and Chain-of-Custody forms are included in Appendices B.2 and B.3.

2. The methane results were low for each ambient air location and ranged from 1.9 to 3.3 ppmv versus the IATL standard of maintaining the methane concentration at or below 1.25 percent by volume or 12,500 ppmv in the buildings. After the First and Second Quarter 2006-2007 monitoring events, it was determined that analysis of fixed gases was not required for in-business or ambient air samples pursuant to the OMMP and, therefore, these analyses were not performed during this reporting period and will not be performed during future monitoring events.

3. The TGNMO levels ranged from non-detect to 2.4 ppmv for the ambient air locations. The specific priority pollutant VOCs were either non-detect, in the low ppbv range, and/or below the IATLs for each location (e.g., maximum concentrations at IBM-24[AMB] benzene = 0.73 ppbv, toluene = 2.7 ppbv, m,p-xylenes = 1.5 ppbv, and ethylbenzene = 0.39 ppbv and at IBM-49[AMB] benzene = 0.54 ppbv, toluene = 1.4 ppbv and m,p-xylenes = 0.82 ppbv).

4. QA/QC results for the analytical data are presented in Chapter 6.0. Further comments, explanations, and conclusions regarding the results from the Ambient Air Monitoring are presented in Chapter 8.0.

5.1.4 SENTINEL BIOVENT SYSTEM

1. The Sentinel Biovent Well System is a secondary Gas Migration Control System for the WDI Site. Vapor samples were not collected from the biovent wells as their purpose is to provide air for aerobic decomposition/biodegradation.

5.2 LEACHATE MONITORING/CONTROL SYSTEM RESULTS

1. The Leachate Monitoring/Control System consists of four leachate collection points, LC-1, LC-2, LC-3, and LC-4. The leachate collection wells are located within the reservoir area of the Site as shown in Figure 2-3. Table 5-4 and Figure 5-2 show leachate levels measured prior to each bailing event through March 2009. Automated pumping systems were installed in wells LC-2 and LC-4 in December 2007. Figures 5-3 and 5-4 depicts the volume recovery and pump counter readings in pumping wells LC-2 and LC-4. The pump counter used on well LC-4 had technical problems between September 2008 and March 2009, which led to the lower pump counter readings as indicated on Figure 5-4. Figure 5-5 shows pumping rates (i.e., gallons per day) in wells LC-2 and LC-4. Copies of Leachate Collection Well Monitoring Data Sheets are included in Appendix A.8.

2. The liquid levels in leachate collection well LC-1 initially increased from below 5 feet in the prior quarter to approximately 9 feet at the start of the First Quarter FY 2008-2009. The levels then steadily decreased from October 2008 through March 2009 from approximately 9 feet to approximately 5.5 feet. Liquid levels in this well were initially above 15 feet in late 2005 but dropped to below 5 feet in the 2006 to 2008 time period.

3. Liquid levels in leachate collection well LC-2 ranged between 8.7 and 10.8 feet above the bottom of the well in October and November 2007 when hand bailing was still performed. Liquid levels had generally remained in that range since bailing was initiated in December of 2005. Liquid levels in LC-2 were not measured once automatic recovery system operations were initiated. Since the automatic recovery system was installed in December 2007, approximately 1,220 gallons of liquids were collected through March 2009. The volume of liquids recovered during this reporting period was approximately 500 gallons. The rate of

leachate recovery ranged from about 1.5 to 4 gallons per day (gpd) and averaged about 2.3 gallons per day (gpd) from October 2008 through March 2009.

4. Liquid levels in leachate collection well LC-3 ranged between 0.45 and 1.5 feet above the bottom of the monitoring well from October 2008 through March 2009 and remained relatively constant. Liquid levels had generally remained in that range since bailing was initiated in December of 2005.

5. Liquid levels in leachate collection well LC-4 ranged between 8.6 and 14.2 feet above the bottom of the monitoring well in October and November 2007 when hand bailing was still performed. Liquid levels had generally remained in that range since bailing was initiated in December of 2005. Liquid levels in leachate collection well LC-4 were not measured once automatic recovery system operations were initiated. Since the automatic recovery system was installed in December 2007, approximately 920 gallons of liquids were collected through March 2009. The volume of liquids recovered during this reporting period was approximately 400 gallons. The rate of leachate recovery ranged from about 1 to 3.5 gpd and has averaged about 1.9 gpd from October 2008 through March 2009.

6. The rate of leachate recovery in wells LC-2 and LC-4 is low when compared to results for TM No. 13 (Draft TM No. 13 Reservoir Liquids Removal Closeout Report and Addendum No. 1 Comprehensive Groundwater Monitoring Plan, August 3, 2000) where the highest producing well yielded about 7 gpd after 10 months.

5.3 SOIL GAS MONITORING SYSTEM

5.3.1 VAPOR WELL MONITORING RESULTS

1. There are 20 vapor monitoring well locations around the WDI Site that are designated for long-term monitoring purposes. Each vapor monitoring well location contains nested wells (i.e., there are multiple screened depths at which the soil vapor can be sampled at each well location). The vapor monitoring well locations are shown in Figures 2-3 and 2-4. The 20 vapor well locations contain 50 nested wells.

2. Table 4-3 summarizes the data from the laboratory analyses of the Vapor Well samples along with available historic data. Vapor Wells designated as “Compliance Vapor Wells” are listed first in the table followed by “Non-Compliance Vapor Wells”. The designation of compliance and non-compliance wells is described in Section 4.3.1, paragraphs 3 and 4.

Copies of the Soil Vapor Monitoring Data Sheets are included in Appendix A.6 (First Quarter of FY 2008-2009) and copies of the analytical reports and Chain-of-Custody sheets are included in Appendix B.4. The vapor wells are presently monitored on a semi-annual frequency (i.e., First and Third Quarters).

3. The results for the Compliance and Non-Compliance Vapor Wells sampled during the First Quarter monitoring event are described below.

5.3.2 COMPLIANCE WELLS (VW-29 TO -39, -41, AND -42)

1. The methane results were typically low for each well location sampled and ranged from non-detect to 530 ppmv versus the SGPS of 5 percent (i.e. 50,000 ppmv) at the Site boundary with all but one well below 2.5 ppmv.

2. The fixed gas results (e.g., nitrogen, oxygen, carbon monoxide and carbon dioxide) indicate nitrogen levels close to or above typical ambient air (79 percent nitrogen), oxygen levels close to or below typical ambient air (21 percent oxygen), and carbon dioxide levels above typical ambient air of 330 ppmv. The carbon dioxide concentrations in soil gas ranged between non-detect (less than 1,500 ppmv) and 128,000 ppmv. The fixed gas results, along with the low methane levels, are indicative of aerobic degradation conditions occurring in the soils at or near the compliance well locations (e.g., oxygen being depleted, carbon dioxide being generated, and small methane generation). As discussed below for the non-compliance wells, the concentration trends for oxygen and methane are decreasing and the trend for carbon dioxide is increasing, suggesting the Site's subsurface conditions may generally be transitioning from anaerobic to aerobic decomposition. This transition could have a slight influence on soil gas migration and thus composition changes in compliance wells, i.e. a slight increase in soil gas migration away from areas containing waste. As discussed above, in-business air is not being impacted by this change.

3. The TGNMO levels were low in each vapor well location and ranged from non-detect to 9.1 ppmv (VW-30-I). There is no SGPS for TGNMO in Compliance Vapor Wells; and the results are consistent with the low concentrations of the total VOCs.

4. TCE, detected at 400ppbv in VW-35-D , was the only COC detected above its SGPS (200 ppbv). The TCE concentration in VW-35-D was consistent with historical levels in this compliance well. Benzene and other COCs were not detected above the SGPS in the compliance wells.

5. The COCs with non-detect results had reporting limits lower than their SGPS.

6. The monitoring constituents reported above the SGPS are highlighted in Table 4-3 and discussed further in Chapter 8.0 Conclusions and Recommendations. The other priority pollutant VOCs were either non-detect, in the low ppbv range, and/or below the SGPS for each constituent.

7. QA/QC results for the analytical data are presented in Chapter 6.0. Further comments, explanations, and conclusions regarding the results from the Compliance Vapor Wells are provided in Chapter 8.0.

5.3.3 NON-COMPLIANCE WELLS (VW-25, -46, -49, -51, -55, -56, -58, -61, AND -62)

1. The methane results were low for each well location sampled and ranged from less than 0.77 ppmv to 19,400 ppmv (VW-62-S). In general, it is noted that methane concentrations have decreased significantly and, in some cases, by several orders of magnitude, from concentrations prior to remedy implementation. An example of this is VW-51-I where methane levels were 200,000 to 900,000 ppmv prior to remedy implementation, but have fluctuated from less than a hundred ppmv to 34,800 ppmv after remedy implementation.

2. The fixed gas results (e.g., nitrogen, oxygen, carbon monoxide, and carbon dioxide) indicate nitrogen levels above typical ambient air (79 percent nitrogen), oxygen levels below typical ambient air (21 percent oxygen), and carbon dioxide levels above typical ambient air (330 ppmv). The fixed gas results, along with decreasing methane levels, are indicative of aerobic degradation conditions occurring in the soils (e.g., oxygen being depleted and carbon dioxide being formed and methane levels decreasing). The concentration trend for oxygen decreasing and carbon dioxide increasing compared to a decrease in methane concentration after remedy implementation suggests the site may have transitioned to a more aerobic decomposition condition. There are cases where oxygen is increasing and carbon dioxide is decreasing (VW-46-D, VW-51-D, VW-55-I, VW-55-D, VW-56-D, VW-58-I, and VW-61-I) but methane is still at low levels. These cases may be indicative of one or more of the following conditions:

   - There has been a significant amount of degradation of petroleum hydrocarbons in this zone and, therefore, less aerobic degradation is occurring.
   - Greater amounts of air are infiltrating into this zone and impacting the composition of the vapor.

3. The TGNMO levels were low in each vapor well location and ranged from non-detect to 100 ppmv (VW-62-S). The results are consistent with the low concentrations of VOCs noted below.

4. The VOC concentrations for COCs ranged from non-detect to levels similar to historical maximum concentrations in most Non-Compliance Vapor Well locations. There are no SGPS for VOC constituents in Non-Compliance Wells. Changes in concentration trends at Non-Compliance Vapor Wells are discussed in the following Section 5.3.4. These and other results are discussed further in Chapter 8.0 Conclusions and Recommendations.

5. QA/QC results for the analytical data are presented in Chapter 6.0. Further comments, explanations, and conclusions regarding the results from the Non-Compliance Vapor Wells are provided in Chapter 8.0.

5.3.4 STATISTICAL ANALYSIS OF NON-COMPLIANCE VAPOR WELL ANALYTICAL DATA

1. Section 4.6 provides a detailed discussion of the purpose and approach to statistical analysis of the Non-Compliance Vapor Wells. The primary purpose of statistical analysis is to identify changes in concentration trends for the 18 soil gas performance standard compounds. Changes in concentration trends can be an indicator of important changes occurring in the soil gas following remedy implementation. This section discusses the findings of the statistical analysis for the soil gas data collected during the time period of October 1, 2008 through March 30, 2009. The results of the DumpStat analysis are provided in Appendix C.1.

2. The results presented in Table 5-5 indicate CUSUM control limit exceedances at 3 out of 9 Non-Compliance vapor well locations (as compared to 4 of 9 in the First Quarter of FY 2007-08 and 4 of 9 in the Third Quarter of FY 2007-08). At the 9 Non-Compliance vapor well locations, a total of 25 nested wells are in place. At 7 of the 25 nested wells, a CUSUM control limit exceedance was identified for one or more of the soil gas constituents of concern throughout the reporting period (5 of 25 in the First Quarter of FY 2007-08 and 4 of 25 in the Third Quarter of FY 2007-08).

3. Table 5-5 illustrates there were 9 exceedances of the CUSUM Limit for some of the 18 compounds with a SGPS (Table 2-2) at the 25 nested well locations during the reporting period (a total of 9 exceedances out of a possible 450 exceedances [25 locations x18

compounds x 1 event]). There were 5 and 4 CUSUM Limit exceedances for some of the compounds in the First and Third Quarters of FY 2007-08, respectively, and there were 6, 14, 7, and 5 CUSUM Limit exceedances in the First, Second, Third, and Fourth Quarters of FY 2006-07, respectively. There was one significant upward trend and one significant downward trend. Although the number of CUSUM exceedances increased for the First Quarter of FY 2008-2009, the above results indicate an overall reduction in CUSUM exceedances since the Second Quarter of FY 2006-2007.

4. The AROD (EPA, 2002) identified 18 compounds for which a SGPS is stated as shown in Table 2-2. CUSUM limit exceedances of a statistical limit were determined for 5 of the 18 compounds at one or more of the nested wells. Methane exceeded the CUSUM limit in 4 of the 25 nested well locations during the reporting period. M,p-xylenes exceeded the limit in 2 of the 25 nested wells. Benzene, toluene, and ethylbenzene exceeded the limit in 1 of the 25 nested wells.

5. Although the number of CUSUM exceedances increased during the First Quarter of FY 2008-2009, the overall reduction in limit exceedances suggest that the changes in constituent concentration (reductions) may be associated with a change in the soil gas generations/decomposition process. If concentrations were increasing, numerous upward trends should have been identified in addition to limit exceedances, but they were not.

5.4 GROUND WATER MONITORING SYSTEM

5.4.1 GROUND WATER MONITORING PROGRAM

1. The Long-Term Ground Water Monitoring Plan includes monitoring of field parameters (listed in ground water monitoring data sheet), and ground water sampling and analysis of COCs identified in the AROD. The Site COCs are listed in Table 4-1 along with the corresponding MCLs for drinking water. As noted in Chapter 2.0, the AROD (EPA, 2002) concluded that the Site has not contributed to exceedances of ground water MCLs.

2. The results of the ground water analyses are included in Table 5-6 along with historical results. Depth to ground water measurements and ground water elevations are included in Table 5-7. The results above MCLs in Table 5-6 are highlighted for information and comparison purposes only. Ground water elevations from both shallow-screened wells and deeper-screened wells are shown on Figures 5-6 and 5-7. Copies of the laboratory reports and Chain-of-Custody sheets are included in Appendix D.

3. In accordance with Title 22 California Code of Regulations (CCR) §66265.97, the ground water detection monitoring program includes background wells, POC wells, and other wells suitable for early detection of a release from a waste unit (e.g., Near Source Detection Wells and Verification Wells). Twelve wells were selected for the proposed ground water monitoring at the Site based on ground water conditions, flow, and distribution of contaminant sources. The locations of selected long-term ground water monitoring wells are shown in Figures 2-3 and 2-4.

5.4.2 GROUND WATER MONITORING RESULTS

5.4.2.1 Background Wells

1. Background wells are onsite or offsite wells that have not been impacted by Site activities (typically they are located upgradient or cross-gradient of the Site). The background wells are screened within the uppermost aquifer to monitor and document onsite-impacted ground water quality. The selected background wells for the Long-Term Ground Water Monitoring Plan include wells GW-01, -02 and -32. In addition, well GW-11 was also monitored for deep background cross-gradient ground water quality. The locations of background wells are shown in Figures 2-3 and 2-4. These wells are also situated such that they will continue to monitor contaminants derived from offsite upgradient sources.

2. Arsenic was not detected in the background wells during the monitoring event in April 2009. Manganese was detected in GW-11 (0.213 mg/L) and GW-32 (0.093 mg/L) but was not detected in any of the other background wells. Previous manganese concentrations detected in GW-11 and GW-32 has been shown to be consistent with regional ground water quality. Lead and mercury were not detected in any of the background wells.

3. PCE was detected above the MCL (5 ug/L) in GW-11 (13 ug/L). TCE was detected below the MCL (5 ug/L) in GW-11 (4.1 ug/L). Except as discussed below, no other VOCs were detected in background wells GW-01, GW-02, GW-11, or GW-32. The VOC constituents PCE and TCE have been detected previously in GW-11 but as noted in Chapters 2.0 and 4.0, these VOCs are not associated with the Site and are believed to be from upgradient sources.

5.4.2.2 Points of Compliance Wells

1. POC wells are onsite monitoring wells located at the POC (i.e., downgradient edge of the waste unit). The POC wells are screened within the uppermost aquifer to monitor and detect potential releases and impacts to ground water from site-related waste sources. Based on

hydrogeologic conditions at the Site, shallow aquifer POC wells, approximately 200 feet apart, were selected for long-term detection monitoring. The selected POC wells include ground water wells GW-22, -23, and -26 (see Figure 2-3 and 2-4).

2. Mercury was detected below the MCL in GW-22 (0.00028 mg/L) and was not detected in any of the other POC wells. No concentrations of arsenic, manganese, or lead were detected in the POC wells. Previous manganese concentrations in the POC wells have been shown to be consistent with regional ground water quality.

3. VOCs were not detected in the POC wells from the April 2009 results.

4. Well GW-23 was a dry well during the April 2009 sampling event from which no ground water samples were collected.

5.4.2.3 Near-Source Detection Wells

1. Near-Source Detection Wells are onsite detection wells located near the waste source areas. The objective of near-source detection wells is to detect potential site-related releases of contaminants before impacts are measured at the POC wells. The near-source wells are located closer to the waste unit than POC well or are located directly below waste. Wells GW-10 and -33 (Figure 2-4) were selected as near-source detection wells for long-term ground water monitoring.

2. Manganese was detected in GW-10 (0.24 mg/L). Mercury was detected below the MCL (0.002 mg/L) in GW-10 (0.00025 mg/L). The manganese concentration has decreased from prior events in GW-10. Manganese concentrations in the Near-Source Detection Wells have been shown to be consistent with regional ground water quality. Arsenic and lead were not detected in GW-10 or GW-33

3. VOCs were not detected in GW-10.

4. Well GW-33 was a dry well during the April 2009 sampling event from which no ground water samples were collected.

5.4.2.4 Verification Wells

1. The verification wells are onsite wells located near the property line of the Site, downgradient of the Site waste source. The verification wells are included to assure that Site

contaminants are not migrating offsite and potentially impacting private or municipal water supply wells. The existing downgradient monitoring wells GW-27, -29, and -30 (Figure 2-4) serve as verification wells for long-term ground water monitoring purposes.

2. Arsenic, lead, manganese, and mercury were not detected in GW-27, GW-29 or GW-30. Previous manganese concentrations in the Verification Wells have been shown to be consistent with regional ground water quality.

3. No VOCs were detected in GW-27, GW-29, or GW-30.

5.4.2.5 Quality Assurance/Quality Control

1. QA/QC results for the analytical data are presented in Chapter 6.0. Further comments, explanations, and conclusions regarding the results from the Ground Water Monitoring are presented in Chapter 8.0.

5.4.2.6 Statistical Analysis of Ground Water Analytical Data

1. Section 4.6 discusses the approach to statistical analysis of analytical data. The statistical analysis results for ground water data are discussed in this section.

2. Table 5-6 provides the historic and current results of analytical testing of ground water. Statistical analysis was performed on this data. The COCs are defined in Table 5.1 of the OMMP and also in Table 4-1, herein. Appendix C.2 provides the results of the statistical analysis for ground water.

3. The results indicate the ground water data to be in control (i.e., no exceedances of a normal control limit occurred). These results are consistent with results for ground water discussed in Section 5.4.2 that indicated unusual concentrations of ground water COCs were not reported.

5.5 STORMWATER MONITORING RESULTS

1. Stormwater sampling was not conducted between October 2008 and March 2009 for the reason that no significant rainfall event has occurred (e.g., less than 2 inches of rainfall in 24 hours). Routine inspections of monitoring points and stormwater drainage control systems were conducted during this reporting period and the results are presented in Section 3.4 and Appendix A.7.

6.0 QUALITY ASSURANCE/QUALITY CONTROL

6.1 TRIP/FIELD BLANK AND BACKGROUND ANALYSIS RESULTS

1. The soil gas, in-business air, ambient air and ground water monitoring included Summa canister certifications and the analysis of trip/field blanks, duplicates and collection and analysis of background ambient air samples during the FY 2008-2009 First and Second Quarters monitoring and sampling activities (Second Quarter for groundwater sampling). The results for these samples are discussed below and the laboratory analytical results are included in Appendices B and D. Duplicate sample results are included in the corresponding analytical tables noted in Chapter 5.0, Monitoring Results.

6.1.1 IN-BUSINESS AIR AND AMBIENT AIR MONITORING

1. A certification was performed on each lot of in-business and ambient air Summa canisters received from the laboratory. The certifications passed the laboratory requirements for the lots received (e.g., non-detect for TO-15 constituents). Copies of the laboratory certifications are included in Appendix A.11.

2. Trip/field blanks and background sampling are not required for in-business and ambient air monitoring.

3. Six duplicate samples were collected during the First Quarter and five duplicates were collected during the Second Quarter. The duplicate sample results are included in Table 5-2 and, in general, are comparable with the results for the primary samples with the exception of acetone (9.4 compared to 70 ppbv), methylene chloride (1.8 compared to 16 ppbv), 2-butanone (0.87 compared to 10 ppbv), toluene (1.3 compared to 10 ppbv), PCE (1.8 compared to 11 ppbv), m,p-xylenes (0.76 compared to 4.5 ppbv), and styrene (5.3 compared to 0.85 ppbv) in IBM-37 collected during the Second Quarter.

6.1.2 VAPOR WELL MONITORING

1. A certification was performed on each lot of vapor well Summa canisters received from the laboratory. The certifications passed the laboratory requirements for the lots received (e.g., non-detect for TO-15 constituents). Copies of the laboratory certifications are included in Appendix A.11.

2. Three trip/field blank samples were analyzed during the First Quarter vapor well monitoring event. Methane and TGNMO were not detected in the trip/field blank samples. VOCs were also not detected in the trip/field blanks.

3. Twelve duplicate samples were collected during the First Quarter vapor well monitoring event. The duplicate sample results are included in Table 4-3 and, in general, are comparable with the results for the primary samples with the following exceptions.

SAMPLE	DATE	ANALYTE	RESULT	DUPLICATE RESULT
VW-36-D	1/24/2009	carbon disulfide	0.95 ppbv	8.5 ppbv
		vinyl acetate	<1.8 ppbv	3.8 ppbv
		2-butanone	0.9 ppbv	3.9 ppbv
VW-41-S	1/12/2009	cis-1,2-DCE	<0.32 ppbv	4 ppbv
		TCE	<0.24 ppbv	2 ppbv
VW-51-I	1/13/2009	methane	2,810 ppmv	1.8 ppmv
		TGNMO	40 ppmv	<1.5 ppmv
VW-56-D	12/18/2008	acetone	8 ppbv	23 ppbv
		methylene chloride	0.64 ppbv	3.4 ppbv
		toluene	5.9 ppbv	15 ppbv
		TCE	<0.34 ppbv	5.1 ppbv

Since duplicate samples are collected from a well at the same time using a splitter "Y" device, it is not clear why some high variations exist. It is possible that reactions with moisture and/or surfaces within the Summa canister may account for some variations. These above differences are not significant to evaluating remedy performance.

4. A background ambient air samples were collected at Non-Compliance Vapor Well VW-62 during the First Quarter vapor well monitoring event. A background ambient air sample was not collected at Compliance Vapor Well W-42 during the First Quarter but was collected during the Third Quarter of FY 2008-2009. The background ambient air sample analytical results are included in Table 4-3. Methane was detected at 1.9 ppmv and some

VOCs (i.e., acetone, carbon disulfide, 2-butanone, benzene, toluene, ethylbenzene, m,p-xylenes, and o-xylene) were detected in the range of 0.46 ppbv to 13 ppbv. The following summarizes the detected constituents and concentration results along with the SGPS for comparison purposes:

SAMPLE	DATE	ANALYTE	RESULT	SGPS
VW-62-Ambient	1/20/2009	methane	1.9 ppmv	12,500 ppmv
		acetone	13 ppbv	--
		carbon disulfide	0.46 ppbv	--
		2-butanone	1.3 ppbv	--
		benzene	0.82 ppbv	10 ppbv
		toluene	3.6 ppbv	2,000 ppbv
		ethylbenzene	0.52 ppbv	5,000 ppbv
		m,p-xylenes	1.9 ppbv	4,000 ppbv
		o-xylene	0.7 ppbv	4,000 ppbv

It is of interest to note that the ambient sample results are very similar to previous ambient air analytical results collected. These results are indicative of regional ambient air quality.

6.1.3 GROUND WATER MONITORING

1. Two trip, two field blanks and two equipment rinsate samples were analyzed during the First Quarter ground water monitoring event. Chloroform was detected in two field blanks and two equipment rinsate samples at concentrations ranging from 4.1 to 5.3 ug/L. COC metals and other VOCs were not detected in the trip blanks, field blanks or equipment rinsate samples.

2. Two duplicate samples were collected and analyzed during the reporting period. The duplicate sample results are included in Appendix D and are comparable with the results for the primary samples.

6.2 DATA VALIDATION RESULTS

1. The soil gas, in-business air and ambient air samples collected and analyzed during the First and Second Quarter monitoring and sampling activities along with the associated laboratory samples and the QA/QC data were reviewed by Veridian Environmental, Inc. (Veridian), located in Davis, California. The Veridian findings are summarized below and were based

on comprehensive reviews of Level III deliverables from Columbia Analytical Services, Inc. for the soil gas, in-business air, and ambient air samples and Level II deliverables from TestAmerica for the ground water samples with regard to holding times, blank analysis results, surrogate recoveries, laboratory, and field duplicate recoveries, internal standard recoveries, analytical sequence and instrument sensitivity. Most of the data were found to meet the general requirements for compliance, accuracy, and precision. The data that did not meet the general requirements are summarized below.

6.2.1 VALIDATION FOR FIRST QUARTER VAPOR SAMPLING

1. Ten out of 83 vapor well, in-business air, and ambient air samples (including trip/field blanks field quality control samples and laboratory duplicate samples) analyzed by Columbia Analytical Services, Inc. were validated by Veridian (at least 10 percent of the total number of vapor samples). The samples validated were VW-29-S, VW-29-I, VW-29-D, VW-31-S, VW-31-S (Duplicate), VW-31-D, IBM-28, IBM-28 (Duplicate), IBM-49AMB, and Trip Blank.

2. Acetone in VW-29-S, VW-31-S, VW-31-S (Duplicate), and IBM-28 may be lower than reported due to matrix interference.

3. For additional details refer to the Columbia Analytical Services, Inc. laboratory reports in Appendices B.2 and B.4 and the Veridian Environmental Data Validation Report for the First Quarter vapor sampling event in Appendix E.1.

6.2.2 VALIDATION FOR SECOND QUARTER VAPOR SAMPLING

1. Four out of 16 in-business air and ambient air samples (not including laboratory duplicate samples) analyzed by Columbia Analytical Services, Inc. were validated by Veridian Environmental, Inc. (approximately 10% of the total number of vapor samples). The samples validated were IBM-03, IBM-21, IBM-21 (Duplicate), and IBM-24AMB.

2. Due to concentrations encountered in ambient air sample IBM-24AMB, concentrations of methane in IBM-03, IBM-21, and IBM-21 (Duplicate), acetone in IBM-21 and IBM-21 (Duplicate), trichlorofluoromethane in IBM-03, 2-butanone in IBM-03 and IBM-21 (Duplicate), benzene in IBM-03, and toluene in IMB-03 may be considered anomalous.

3. Methylene chloride concentrations detected in IBM-03, IBM-21, and IBM-21 should be evaluated cautiously since methylene chloride is a common laboratory contaminant.

4. Acceptable precision and sample representativeness was demonstrated in comparing samples IBM-21 with IBM-21 (Duplicate) for all results except for trichlorofluoromethane, benzene, toluene, ethylbenzene, m,p-xylenes, and o-xylene.

5. For additional details refer to the Columbia Analytical Services, Inc. laboratory reports in Appendix B.3 and the Veridian Environmental Data Validation Report for the Second Quarter vapor sampling event in Appendix E.2.

6.2.3 VALIDATION FOR SECOND QUARTER GROUND WATER SAMPLING

1. Nine randomly selected samples (GW-01, GW-02, GW-10, GW-11, GW-11 [Duplicate], GW-22, Field Rinsate Sample FR-01, Field Blank FB-01, and Trip Blank TB-01) out of 18 ground water samples (including trip/field/rinsate blanks and field quality control samples, but not including laboratory duplicate samples) that were analyzed by TestAmerica, Inc. were validated by Veridian (at least 10 percent of total number of ground water samples).

2. All organic data for the samples reviewed were acceptable without qualification.

3. Chloride results in GW-01, GW-02, GW-10, GW-11, GW-11 (Duplicate), and GW-22 may be lower than reported due to a high average matrix spike/matrix spike duplicate recovery. All other inorganic data for the samples reviewed were acceptable without qualification.

4. For additional details refer to the TestAmerica, Inc. laboratory reports in Appendix D and the Veridian Environmental Data Validation Report for the Second Quarter ground water sampling event in Appendix E.3.

7.0 INSTITUTIONAL CONTROLS MONITORING AND ENFORCEMENT REPORT

7.1 SITE DESCRIPTION

1. This section provides a monitoring and inspection report in accordance with the Institutional Controls Monitoring and Enforcement Work Plan (ICMEWP) for the Waste Disposal Inc. Superfund Site, dated November 28, 2005. The WDIG Site Trust conducts quarterly Institutional Control monitoring and enforcement inspections of the properties at the WDI Site for which an Environmental Restriction Covenant (ERC) has been recorded.

2. This ICMEWP report will be a part of the Semi-Annual and Annual OM&M Reports. The inspection and reporting began with the 2006-2007 OM&M time period. The annual period begins October 1 and ends September 30. This semi-annual report encompasses the monitoring period from October 1, 2008 through March 31, 2009.

3. The ICMEWP contains Institutional Control and Environmental Restriction Covenant monitoring and enforcement provisions to limit human exposure to potentially contaminated materials as well as protect the integrity of the remedial action.

7.2 ICMEWP REQUIREMENTS

1. Institutional Controls (ICs) are required by the AROD to ensure the long-term integrity of the remedy and to prevent exposure to waste remaining at the Site. In general, the purpose and objectives of the ICs are:
   - To provide notification to all potential Site users of the presence of hazardous materials and on-Site contamination;
   - To provide notification to potential Site users concerning the presence and location of all remedial systems;
   - To expressly prohibit residential land use on any part of the Site and limit future uses to certain industrial activities;
   - To minimize the potential for exposure of future Site users to Site related hazardous materials (including waste materials, groundwater, and/or soil gas emissions);
   - To protect the integrity of the remedy from any activity that may interfere with the effective O&M of remedial control and monitoring systems;

- To provide access to the Site for appropriate regulatory agencies and responsible parties engaged in approved remedial actions and monitoring activities.
- Facilitate communications between stakeholders for Site development and make certain the Site remedy is not compromised.

2. ERCs are the legal instruments that define and enforce the ICs. The primary purpose of the ERC is to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous substances. The CD requires the WDIG Site Trust to be the covenantee of the ERCs and part of its responsibilities as covenantee include monitoring and enforcing the ERCs. These ERCs are enforceable under California Law against all future property owners and tenants. The ERCs will provide access on the land to the EPA and the potentially responsible parties (PRPs) conducting the remedial action and their contractors. The following activities are examples of ERC requirements for access for remedial activities:
   - Monitoring the remedial action and monitoring and O&M;
   - Verifying any data or information submitted to EPA or the State;
   - Conducting investigations relating to contamination at or near the Site;
   - Obtaining samples;
   - Assessing the need for, planning, or implementing additional response actions at or near the Site;
   - Assessing implementation of quality assurance and quality control practices as defined in the approved Quality Assurance Project Plans;
   - Implementing the remedial action, monitoring, and O&M;
   - Assessing compliance with the access easements and environmental restrictions; and
   - Determining whether the Site or other property is being used in a manner that is prohibited or restricted by the environmental restrictions, or that may need to be prohibited or restricted.

3. The ERCs also include land and water use restrictions to prohibit and restrict certain activities at the Site that may adversely affect the implementation, integrity, or protectiveness of remedial measures. The owners and occupants must comply with these restrictions, unless approved by EPA. The following activities are examples of ERC requirements for land/water restrictions:

- Placement of warning signs or other posted information shall be allowed and, once posted, no removal or interference with such signs or information shall be permitted.
- Placement of Site access controls, such as gates or fencing, shall be allowed and not damaged or circumvented.
- The Site shall not be used in any manner that may interfere with the integrity of the remedial cap or other components of the remedy.
- Construction not approved by EPA that impacts any of the remedial capping or other remedy components shall not occur.
- No interferences with or alternations to the grading, vegetation, and surface water drainage controls shall be made.
- Portions of the Site or property underlain by waste and in soil gas noncompliance shall not be regraded.
- Areas of asphalt or concrete pavement shall not be removed or improved.
- No penetrations or interferences with the remedial cap or areas with remedial controls shall be made.

4. In addition, the ERCs provide that if an Owner or an Occupant constructs a new building or other permanent structure on the property or substantially modifies an existing building or other permanent structure on the property, and such modification requires a City of Santa Fe Springs building or land use permit, Owner or Occupant shall implement and maintain any necessary engineered capping system(s) and any necessary engineering control(s) related to the new or modified building or other permanent structure, in conformance with the provisions of the AROD and as specified by EPA. Such capping systems and engineering controls shall be implemented only with the prior written approval of EPA.

7.3 MONITORING AND INSPECTION FINDINGS FOR THE SEMI-ANNUAL OCTOBER 2008 – MARCH 2009 PERIOD

1. The primary purpose of the ICMEWP is to document and report any violation of the ERC. To facilitate identifying violations of the ERC, a checklist was developed and included in Figure 4 of the ICMEWP. A copy of each checklist will be included in reports to the EPA for each parcel. This approach recognizes that inspection and monitoring obligations are parcel specific. Thus, Appendix F presents a checklist for each parcel. The ICs have been categorized on the checklist into the various site controls to facilitate evaluating compliance.

2. The checklist presents a plan view of key features at each parcel, an overview of parcel information, and the results of inspection of the applicable site controls. The plan view includes an aerial view of the parcel, as well as a plan showing the cover and monitoring features installed within the parcel. Each of these two detailed views is referenced to an overall plan of the site (i.e., a Key Plan).

3. For each of the established site controls, the approach to inspection and monitoring is stated, and the findings listed. When "inspection" is indicated, this is indicative of a physical site visit, while when "monitoring" is indicated, this is indicative of remote review of land use and activity records. Dependent upon the site control objective, an appropriate combination of inspection and monitoring is applied.

4. Formal inspections are conducted to support completion of the IC Checklist. Ongoing land use and activity monitoring occurs continuously throughout the monitoring period.

5. Occasionally maintenance is required. Compliance with the site requirements is evaluated after the maintenance is performed. Any maintenance required to restore site control is listed as "Remedial Action" within the IC Checklist.

6. A review of the General Plan Land Use of the City of Santa Fe Springs confirms that zoning and land use across all site parcels continues to be industrial, a designation consistent with the ICMEWP. Figure 7.1 illustrates the General Plan Land Use of the City of Santa Fe Springs.

7.3.1 PARCEL INFORMATION

1. The force of the ERC is derived from the knowledge of the landowner and their tenants of the land use and activity limitations imposed by the ICs. Therefore, the routine confirmation of current ownership and occupancy across the site establishes ownership and occupancy, and would identify any new owners and tenants.
    - **Inspection and Monitoring Approach**. The ownership of properties is monitored by a record review derived from Los Angeles County Land Records. The tenancy is derived from a site inspection.
    - **Summary Findings**. Table 2-1 describes the site ownership and tenancy. There have been no property sales since the last update of Table 2-1. There are no new tenants at the Site as indicated in Table 2-1.

2. Below are described the various site controls included in the Checklist and the approach to compliance inspection. The findings of the inspection are provided on the checklist, Appendix F, with key findings discussed in Section 7.5.

7.3.2 SIGNAGE

1. Signage is utilized at the site to provide hazard notice to third parties.

2. Figure 4.5 of the OMMP provides signage locations at the Site. During the inspection, Site conditions were compared to Figure 4.5. Signage is not present on all parcels, and therefore the IC Checklist specifies "N/A" for those parcels where signage was not provided. The presence and condition of the sign is verified through site inspection.

7.3.3 REMEDY INTEGRITY

1. The broad objective is preserving the integrity of the Subtitle C & D equivalent covers and the overlying drainage features. The IC Checklist incorporates nine site controls that serve to preserve remedy integrity.

2. Site controls were inspected as applicable. These included inspections of fencing, RCRA C & D equivalent covers, new construction, grading and drainage systems, as well as controlling vegetation, and assuring no waste is excavated without EPA approval. Figures 4.0 and 4.4 of the OMMP were referenced during the inspection. Monitoring was performed to detect and prevent any excavations or new construction that could contact the waste or remedy components.

7.3.4 VEGETATION

1. This site control limits any new plants, changes to and use of irrigation and pesticide/herbicide use unless approval is provided. Inspection is utilized to observe for any new plantings or irrigation changes.

7.3.5 LIQUIDS RECOVERY SYSTEM

1. A liquids control system is present in Parcel 26. This system is inspected to assure that it is not interfered with.

7.3.6 DRAINAGE

1. This site control seeks to preserve the integrity of the drainage system that was installed as part of the remedy. Figures 4.0 and 4.4 of the OMMP are utilized during the inspection to

locate components. Drainage channels or pipes should not be blocked, rerouted or otherwise interfered with.

7.3.7 GAS CONTROLS

1. This site control seeks to preserve the integrity of gas controls whether they are placed outside or within a building interior.

2. Maintenance of these controls is through inspection. Buildings that overlie waste will have their slabs and/or foundations inspected for integrity. If and when controls or sensors are placed indoors, they shall be inspected to record that they have not been circumvented. Similarly, when alarm systems are in-place, they too shall be inspected to see that they have not been disrupted. There are presently no parcels with indoor gas controls, sensors or alarms installed as part of the remedy. Figure 4.0 of the OMMP was used to identify parcels were the cover consisted of concrete with sealed cracks. These were inspected for continued integrity and the presence of unsealed cracks.

7.3.8 MONITORING POINTS

1. The Site contains numerous monitoring points including ground water monitoring wells, soil gas probes, reservoir leachate collection wells, biovent wells, and survey monuments. The site controls seek to preserve these points, maintain labeling, allow access and check they are secured. In addition, new monitoring wells and water supply wells are prohibited from being installed.

2. The condition of the monitoring points is visibly inspected by parcel, and maintenance is performed as needed. Figures 4.0, 4.1, and 5.0 of the OMMP are utilized to locate the monitoring points for inspection. The placement of new monitoring wells or water wells is monitored through the use of the excavation clearance system, as well as by visual inspection.

7.3.9 REGULATIONS

1. This Site control is administrative, and preserves the right of access to the properties, as well as establishes the compliance requirements for Waste Discharge Requirements and Hazardous Waste Disposal requirements.

7.4 LAND USE AND ACTIVITY MONITORING

1. WDIG conducts electronic land activity and use monitoring. These activities include collecting and reviewing available land activity and use records. The monitoring zone includes the boundaries of the WDI site as well as a larger buffer of several hundred yards around the site.

2. Land activity events are identified within the monitoring zone. When events are judged to jeopardize the institutional controls or is material to their implementation, an alert is issued. The alert notice is investigated to assess need for further action, e.g., contact the property owner, alert the EPA, etc. The following land activity and uses are monitored:

   - **Excavation Clearance Review.** Consistent with California law, an excavator will call Underground Service Alert for Southern California (USA South) to give advance notice of an excavation. The boundaries of the WDI facility have been placed into the USA South system, and when USA South receives a call from an excavator, this information and location are forwarded to the WDIG Trustee. Excavation clearances are reviewed twice per day. Excavations provide both a basis to monitor for potential intrusions through engineered controls, but also the detection of new water wells. An "all clear" is provided regardless of whether their activity impacts the site. A response is typically provided within 48-hours of notices from USA South.

   - **Building Permit Review.** Building permits from the City of Santa Fe Springs are monitored on a weekly basis. This is completed by monitoring the Daily Construction Reporter that sends a runner weekly to transcribe permits from the City of Santa Fe Springs.

   - **Zoning Review.** The zoning map of the City of Santa Fe Springs is monitored on a monthly basis. This map is available on the City website, and is reviewed for revisions within the boundaries stated above. Currently the zoning is set as Light Manufacturing.

   - **Sensitive Use Review. N**ew licenses for sensitive uses, including schools, day care and senior care, are also monitored for. Various California state agencies maintain publicly available records of new licenses. These are reviewed on a weekly basis.

   - **New Construction.** New construction leads that are tracked by McGraw Hill are monitored on a weekly basis. This service identifies major projects in the planning stage. Typically this would precede the building permit, and provide opportunity provide notice to a proponent earlier in their planning process.

3. The next several categories are utilized to assure the integrity of the environmental covenant.

- **Commercial Real Estate Listing Review.** New commercial listings in Loopnet are monitored on a daily basis. Loopnet aggregates commercial listings from all major brokers, and makes them searchable by address. Their data is representative of commercial multiple listing services (MLS).

- **Property under Financial Distress.** Preforeclosures, Sheriff sales, foreclosures, bankruptcies, For Sale by Owners (FSBOs), and tax liens are monitored through NETR Online on a weekly basis.

- **Land Owner Review.** The records of the City of Los Angeles's Assessor's office are reviewed on a monthly basis through ParcelQuest. ParcelQuest's last review of the Assessor's office was September 10, 2008. Landownership records reviews are forwarded to Project Navigator for their review.

4. During this annual monitoring period, 16 land activity events were monitored. Of those, 1 event qualified as an alert. This alert did not result in a breach of the conditions within the environmental covenants. Figure 7-2 represents the events recorded at the WDI site during this monitoring period. Events are categorized according to the land activity type. The alert has all been closed and is shown on Figure 7-3 categorized according to the land activity type.

7.5 KEY CHECKLIST FINDINGS

1. The findings of the ICMEWP inspections and monitoring are provided in Appendix F. All Site Control items were found to be in compliance for all parcels and a 'yes' is entered against the item. For Site Control items that do not apply to a parcel, a N/A is entered against the item to so indicate. For those items that are not in compliance, a 'No' will be entered against the item and further discussion provided.

2. No Site Controls were out of compliance for this reporting period.

7.6 SITE REDVELOPMENT ACTIVITIES

1. The WDIG Site Trust is coordinating with a redevelopment firm, the EPA, DTSC, and the City of Santa Fe Springs regarding potential site redevelopment. The activities include providing documents, participation in discussions, and review of redevelopment submittals.

2. The WDIG Site Trust is also providing communication coordination, as needed, between the above parties to facilitate the redevelopment process and to make sure the Site remedy is not compromised as a result of the redevelopment.

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1 GAS MIGRATION CONTROL SYSTEM

8.1.1 RESERVOIR GAS COLLECTION SYSTEM

1. The system performance requirements for the Reservoir Gas Collection System are summarized in Table 3-1 and the activities and results from the First and Second Quarters of FY 2008-2009 (October 2008 through March 2009) of OM&M are presented in Chapters 3.0, 4.0, and 5.0.

2. As part of the semi-annual sampling of the system in passive mode, methane was detected at 10 ppmv in January 2009, which was a significant decrease from 2,280 ppmv detected in the previous semi-annual event in April 2008. The passive mode does not include operation of a blower and, therefore, flow is minimal. Thus, the flux of methane during passive operation would be expected to be lower than for active operation due to the lower methane level and effluent flow.

3. TGNMO was detected at 4.3 ppmv as methane (0.72 ppmv as hexane) in January 2009 as part of the semi-annual sampling of the system in passive mode. This current TGNMO result in passive mode is also below the active mode criterion of 20 ppmv.

4. The total VOC concentration was detected at approximately 30 ppbv in January 2009 as part of the semi-annual sampling of the system in passive mode and was consistent with the TGNMO level. Thus, the flux of VOCs during passive operation would be expected to be lower than for active operation due to the lower concentrations and effluent flow.
   This total VOC concentration is also low compared to concentrations that would be necessary to exceed the active mode SCAQMD performance criteria of one pound per day.

5. Based on the above results, the reservoir gas collection system will continue to operate in the passive mode.

8.1.2 IN-BUSINESS AIR MONITORING RESULTS (BUILDING MODIFICATIONS)

1. The system performance requirements for the Building Modifications are summarized in Table 3-1 and the activities and results from the First and Second Quarters of
   FY 2008-2009 are presented in Chapters 3.0, 4.0 and 5.0. The results do not indicate that gas migration to in-business air locations is occurring.

2. The results presented in Chapter 5.0 indicate that most of the constituents analyzed were below the IATLs (e.g., methane and most of the VOCs). The results for benzene were at or above the IATL in four business locations (i.e., IBM-21, IBM-22, IBM-37, and IBM-41). PCE was above its IATL at IBM-37 at a concentration of 11 ppbv, however the results were significantly below OSHA standards of 10 ppmv according to Permissible Exposure Limits (PELs) contained in 29 CFR 1910.1000 Table Z-2. OSHA standards are the acceptable maximum peak above ceiling concentration for an 8-hr work shift.. Toluene was above its IATL at IBM-41 at 240 ppbv but significantly below OSHA standard at 200 ppmv. The specific constituents reported above the IATLs are highlighted in Table 5-2 and discussed further in the following paragraphs.

3. The benzene concentrations in locations IBM-21, IBM-22, IBM-37, and IBM-41 were equal to or exceeded the IATL of 2.0 ppbv, and ranged from 2 ppbv to 13 ppbv during the First and Second Quarters of FY 2008-2009. The Second Quarter PCE concentration in IBM-37 (11 ppbv) and the First Quarter toluene concentration in IBM-41 (240 ppbv) exceeded the IATL of 10.6 ppbv and 212.0 ppbv for PCE and toluene, respectively. Benzene, PCE and toluene have been detected at similar or higher concentrations in prior monitoring events at these locations and are likely associated with tenant activities as noted in the CTR (TRC, 2006c). Also, ambient air samples IBM-24(AMB) and IBM-49(AMB) contained benzene and toluene concentrations up to 0.73 ppbv and 2.7 ppbv, respectively during the First and Second Quarters, which may have contributed to the measured in-business concentrations during these quarters (see Section 5.1.3, Ambient Air Monitoring Results in Chapter 5.0).

4. As noted in Chapter 5.0, several VOC constituents had detection limits above the IATLs and therefore were reported as non-detect. A total of ten higher reporting limits occurred for five constituents over the reporting period. The ten higher reporting limits occurred in three locations, IBM-03, IBM-21, and IBM-41 as a result of laboratory sample dilution requirements due the presence of other elevated VOCs (i.e., acetone = 460 to 480 ppbv and methylene chloride = 200 to 210 ppbv in IBM-03; acetone = 29 to 40 ppbv, trichlorofluoromethane = 500 to 690 ppbv, toluene = 44 to 60 ppbv, and m,p-xylenes = 19 to 25 ppbv in IBM-21; and acetone = 46 to 49 ppbv, 2-butanone = 33 to 380 ppbv, toluene = 31 ppbv, and m,p-xylenes = 14 to 17 ppbv in IBM-41). In most cases, the reporting limit was only slightly above the IATL and/or there was no historical data indicating prior elevated levels. Therefore, these results are unlikely to represent potential IATL exceedances.

5. Based on these results and the Decision Matrix for In-Business and Ambient Air Monitoring shown in Figure 4-1, the monitoring frequency after the first 30 months of OM&M is

recommended to be reduced to semi-annual but will continue to be quarterly pending EPA approval. This reduced monitoring frequency is justified since there have been no indications of IATL exceedances over four consecutive quarters that are due to Site conditions. In addition, the tenant-related constituents that have been detected above IATL's since remedy completion and that are also detected in the soil vapors are benzene, TCE, PCE, and toluene. Therefore, it is also recommended that the in-business air samples and background samples only be tested for these four constituents.

8.1.3 SENTINEL BIOVENT SYSTEM

1. The Sentinel Biovent Well System is a secondary Gas Migration Control System for the WDI Site. Vapor samples were not collected from the biovent wells as their purpose is to allow air infiltration for natural biodegradation.

2. An inspection was performed in January 2009 (FY 2008-2009) for each well during this reporting period to verify the integrity of well head components. Baroball valves were found to be missing at Biovent Wells BW-15, BW-18, BW-19, and BW-24. Baroball valves will be installed in these wells during the FY 2009-2010 unless, per paragraph 3 below, it is agreed that baroball valves are not needed.

3. Although, the Soil Gas Monitoring System data indicates the subsurface conditions have transitioned from anaerobic to aerobic degradation after remedy implementation, the soil gas analytical results indicate contaminant migration is not occurring and/or is not significant. Therefore, unless migration of contaminants is confirmed in future monitoring data, it is recommended that the Biovent Well baroball valves remain open.

8.2 LEACHATE MONITORING/CONTROL SYSTEM

1. The performance requirements for the Leachate Monitoring/Control System are summarized in Table 3-1 and the management strategy to reduce and maintain liquid levels is summarized in Chapter 3.0. Based on the results presented in Chapter 5.0, the liquids management strategy implemented during the first 30 months of OM&M was successful in reducing and/or maintaining the liquid levels in LC-1 and LC-3 and the automatic recovery system has been successful in recovering liquids from LC-2 and LC-4.

2. The results in Chapter 5.0 indicate that liquids in LC-1, although having increased in level from the prior reporting period, have steadily decreased from approximately 9 feet to 5.5 feet

during this reporting period, and therefore, this well will continue to be monitored and bailed weekly. The liquids in LC-3 typically recover to less than 2.0 feet between monitoring events and, therefore, this well will continue to be monitored and bailed weekly.

3. The automatic recovery system has recovered approximately 500 gallons of liquids from LC-2 and approximately 400 gallons of liquids from LC-4 during this reporting period. The automatic recovery system will continue to operate at these two recovery wells. However, the rate of liquid recovery is very low (approximately 1.9 to 2.3 gpd).

4. The need for continued liquids recovery should be evaluated in light of nominal recovery rates from all of the LC wells.

8.3 SOIL GAS MONITORING SYSTEM

8.3.1 VAPOR MONITORING WELLS

1. The system performance requirements for the vapor monitoring wells are summarized in Table 3-1. Historical data from previous vapor well monitoring events along with the results from the first six months of FY 2008-2009 are presented in Chapter 5.0 and Table 4-3. The data in the table is separated for Compliance Vapor Wells (wells that have been historically below the SGPS) and Non-Compliance Wells (wells that have historically been above the SGPS for various constituents). The designations of Compliance and Non-Compliance Vapor Wells are described in Chapter 4.0.

2. The vapor wells are monitored semi-annually during the First and Third Quarters. The conclusions regarding the Compliance and Non-Compliance Vapor Well sampling performed during the first semi-annual event (First Quarter) of FY 2008-2009 are presented below.

8.3.1.1 Compliance Vapor Wells (VW-29 to -39, -41 and -42)

1. The methane results for the 25 nested Compliance Vapor Wells as noted in Chapter 5.0 were very low (e.g., maximum of 530 ppmv) or non-detect and are well below the SGPS limit of 5 percent (i.e., 50,000 ppmv) at the Site boundary. The TGNMO results were also low (e.g., maximum of 9.1 ppmv) and consistent with the low total VOC results. These results (i.e., methane, TGNMO) indicate that gas migration from the remaining wastes at the WDI Site is not occurring and/or is not significant. However, subsurface biodegradation changes appear to be occurring, which may affect gas migration conditions as described below in Item 5.

2. Benzene was not detected above the SGPS of 10.0 ppbv in any of 25 Compliance Vapor Well locations during this reporting period. Benzene concentrations ranged from non-detect to 6.1 ppbv. TCE was the only COC which was detected (400 ppbv in VW-35-D) above its SGPS (200 ppbv). The TCE concentration in VW-35-D was consistent with historical levels in this compliance well and not indicative of vapor migration. Other VOCs were not detected above SGPS limits. Also, the COCs with non-detect results had reporting limits lower than their SGPS.

3. VOCs will continue to be monitored and further evaluated during subsequent long-term monitoring events.

4. The fixed gas results (e.g., nitrogen, oxygen, carbon monoxide, and carbon dioxide) along with the methane results indicate that the primary biodegradation mechanism near the Compliance Vapor Wells is likely aerobic because of the elevated carbon dioxide and nitrogen levels, reduced oxygen levels and relative absence of significant methane levels. Also, several wells exhibited trends of decreasing oxygen and increasing carbon dioxide levels after remedy implementation. Although methane levels were not significant and data for nitrogen, oxygen, carbon monoxide and carbon dioxide were not collected in the Compliance Vapor Wells prior to remedy implementation, the fixed gases indicate an aerobic condition after implementation. This suggests the remedy may have supported an increase in oxygen flow into the soil as a result of the prior operation of the Reservoir Gas Collection System in the active mode and continued operation of the biovent wells. The Reservoir Gas Collection System was shut down in December 2007 based on performance criteria for methane, TGNMO and VOCs. This change may reduce the oxygen flow into the soil and affect the soil gas migration conditions.

5. The soil gas monitoring results from this reporting period continue to indicate minimal to no gas migration from the remaining waste. In addition, the only constituents that have been detected above SGPS in the compliance wells since remedy completion are benzene, chloroform and TCE. Therefore, based on the Decision Matrix Criteria For Soil Gas Monitoring Data in Figure 4-2, it is recommended that the monitoring frequency of Compliance Vapor Wells be reduced from semi-annual to annual, and the number of constituents tested for be reduced to those three noted above.

8.3.1.2 Non-Compliance Vapor Wells (VW-25, -46, -49, -51, -55, -56, -58, -61 and -62)

1. The results for the Non-Compliance Vapor Wells sampled during the First Quarter of FY 2008-2009 are as follows:
   - Methane concentrations have decreased significantly from concentrations detected prior to remedy implementation.
   - Fixed gas results are indicative of aerobic degradation conditions in the subsurface.
   - VOC levels for COCs ranged from non-detect to concentrations similar to maximum historical levels.

2. The results presented in Table 5-5 indicate CUSUM control limit exceedances occurred at 3 out of 9 Non-Compliance vapor well locations during the reporting period. This suggests the soil gas in the non-compliance areas may be stabilizing with less generation and constituent variations.

3. Table 5-5 illustrates there were 9 exceedances of the CUSUM Limit for some of the 18 compounds with a SGPS (Table 2-2) at the 25 nested well locations during the First Quarter of FY 2008-09 (a total of 9 exceedances out of a possible 450 exceedances [25 locations x 18 compounds x 1 event]). There were one upward and one downward trend during the reporting period. This continues the trend of reduced exceedances. The results of the DumpStat analysis are provided in Appendix C.1.

4. The CUSUM Limit exceedances suggest that the changes in constituent concentrations may be associated with changes in the soil gas generation and/or decomposition processes after remedy implementation. If gradual but significant changes in concentrations of constituents were occurring, upward trends should have been identified in addition to the CUSUM Limit exceedances. Although the number of CUSUM exceedances increased during the First Quarter of FY 2008-2009, the overall reduction in CUSUM Limit exceedances since the second quarter of FY 2006-2007 may indicate that the soil gas generation process is slowing and/or becoming more stable. The soil gas generation process may have transitioned from the slow anaerobic decomposition process that was occurring prior to remedy implementation (e.g., generation of high methane levels) to the more rapid aerobic decomposition process in the period just after remedy implementation. The overall reduction in CUSUM Limit exceedances since the second quarter of FY 06-07 may indicate that the rapid aerobic process is slowing.

5. The frequency of monitoring Non-Compliance Vapor Wells is based on the Decision Matrix Criteria for Soil Gas Monitoring Data shown in Figure 4-2. Changes in concentration trends at the Non-Compliance Vapor Wells have been limited. It is recommended that annual monitoring of vapor wells begin and only constituents detected above SGPS in the compliance wells be tested for (i.e., benzene, chloroform, and TCE).

8.3.1.3 Vapor Well Monitoring Recommendations

1. The soil gas monitored by the vapor wells has generally shown little change in VOC concentrations of SGPS constituents after remedy implementation except for benzene in some of the Compliance Vapor Wells during the Second and Third Quarters of FY 2006-2007. Important to note is that of the 43 VOC constituents that are tested for and the 18 VOC constituents with SGPSs, only three (benzene, chloroform, and TCE) have exceeded their respective SGPS at the Compliance Vapor Wells since remedy implementation. Chloroform and TCE exceeded the SGPS at only one of the eleven Compliance Vapor Well locations (i.e., VW-35) and the concentrations are consistent with historical results. The remaining 40 VOCs tested for and 15 VOCs with SGPSs had either low concentrations or were non-detect. The above results and conclusions support consideration of a reduction in the number of VOCs being tested for as well as a further reduction in the frequency of sampling. Therefore, it is recommended the sampling frequency for Compliance and Non-Compliance Vapor Wells be reduced from semi-annual to annual and the collected samples be analyzed for only benzene, chloroform and TCE. If any of these surrogate constituents show a change in concentration trends, the sample will be speciated for the remainder of the SGPS constituents or a confirmation sample will be collected if holding times are exceeded.

8.4 SURFACE EMISSIONS AND OUTDOOR MONITORING

1. The system performance requirements for the two ambient air monitoring locations (IBM-24[AMB] and IBM-49[AMB]) are summarized in Table 3-1. Historical data from previous ambient air monitoring events along with the results from the first 30 months of OM&M activities are presented in Chapters 4.0 and 5.0.

2. Ambient air monitoring continues to provide valuable information to assist in the interpretation of in-business air monitoring results. The frequency of monitoring should continue to match that of in-business air monitoring.

8.5 GROUND WATER MONITORING SYSTEM

8.5.1 BASELINE GROUND WATER CONCENTRATIONS

1. The system performance requirements for ground water monitoring are summarized in Table 3-1 and the activities and results from the Second Quarter of FY 2008-2009 are presented in Chapters 3.0, 4.0 and 5.0. The results indicate, and consistent with the EPA's earlier findings, that remaining WDI waste contaminants are not migrating into the ground water.

2. The results of the ground water COC analyses for the current reporting period are included in Table 5-6 along with historical results. The results above MCLs in Table 5-6 are highlighted. Manganese was detected above the MCL in two Background Wells and one Near-Source Detection Well in this reporting period and has been detected above the MCL in Background, POC, Near-Source Detection and Verification Wells in prior monitoring events, indicating a regional ground water condition. Although not detected during this reporting period, arsenic has been detected above and/or below the MCL in Background, POC, Near-Source Detection and Verification Wells in prior monitoring events, indicative of a regional ground water condition.

3. PCE above the MCL and TCE below the MCL were detected in Background Well GW-11 at concentrations lower than historical levels. These VOCs are associated with reported upgradient sources. Other VOCs with MCLs were not detected in any of the ground water monitoring wells sampled.

8.5.2 STATISTICAL ANALYSIS OF GROUND WATER RESULTS

1. Sections 4.6 and 5.4.2.6 discuss the approach to and results of statistical analysis of analytical data, respectively. The results indicate the ground water data to be in control, i.e., only two exceedances of a prediction limit occurred. The two prediction limit exceedances occurred for manganese at wells GW-22 and GW-29. Manganese is a naturally occurring constituent in the regional ground water below the site.

8.5.3 MONITORING FREQUENCY RECOMMENDATION

1. Based on the results, there are no indications that site constituents have impacted ground water. This same assessment has been documented since monitoring began in 1999. Therefore, pursuant to the Decision Matrix Criteria For Ground Water Monitoring as shown in Figure 4-3, it is recommended that monitoring frequency be revised to bi-annual (i.e., every two years).

8.6 STORMWATER MONITORING SYSTEM

1. The performance requirements for stormwater are summarized in Table 3-1.

2. Stormwater sampling was not conducted during this monitoring period due to low rainfall events (e.g., less than 2 inches of rainfall in 24 hours). Routine inspections of monitoring points and stormwater drainage control systems were conducted during this reporting period and the results are presented in Chapter 3.0.

8.7 QUALITY ASSURANCE/QUALITY CONTROL

8.7.1 TRIP/FIELD BLANK AND BACKGROUND ANALYSIS RESULTS

1. The soil gas, in-business air, ambient air and ground water monitoring included Summa canister certifications (soil gas and air samples) and the analysis of trip/field blanks (soil gas and ground water), equipment rinsate blanks (ground water), duplicates (soil gas, air, and ground water) and collection and analysis of background ambient air samples during the monitoring and sampling activities. The results for these samples are presented in Chapters 5.0 and 6.0. The results indicated that Summa canister cleaning and handling procedures along with vapor and ground water sampling, collection and handling procedures did not result in contaminant introduction.

2. Duplicate samples provided comparable results with only moderate variability for a few constituents. Ambient air background samples confirmed the presence of only low levels of some VOCs below IATLs and SGPSs. As noted previously, ambient air samples collected during in-business air monitoring contained benzene at levels that may have contributed to the measured in-business concentration slightly above the IATL in three of the four locations above the IATL for benzene. The ambient air samples collected during vapor well monitoring did not contain VOCs at levels that had a material impact on the vapor well sample results above SGPSs.

8.7.2 DATA VALIDATION

1. Pursuant to the QAPP, at least ten percent of the soil gas, in-business air, and ambient air Level III data and ground water Level II data from the First and Second Quarters monitoring events were validated. The validation results are presented in Chapter 6.0 and show that the analyses conducted during the OM&M reporting period are useable. The data quality for the organic analyses was good and indicates that the data met general QA/QC requirements for critical elements.

2. A few organic results for the validated vapor samples required qualification due to increased/decreased instrument sensitivities in continuing calibration standards and matrix interferences. The qualifiers are associated with only a few constituents (i.e., acetone, methylene chloride) and do not have a material effect on the monitoring results or conclusions herein.

3. The analytical results for the three ground water samples that were validated did not require qualification.

8.8 RECOMMENDATIONS

1. This section discusses recommended changes to the OM&M activities. Table 8-1 summarizes the recommended changes that are discussed in the paragraphs below. Tables 8-2, 8-3, 8-4 and 8-5 provide details supporting the recommended changes associated with in-business air, soil gas monitoring (compliance and non-compliance VW wells), and ground water monitoring, respectively.

2. Benzene, PCE, and toluene detected at or above the IATL in four In-Business locations are believed to be associated with tenant activities and/or ambient air levels. It is recommended that In-Business and Ambient Air monitoring and sampling frequency be reduced to semi-annual in accordance with the Decision Criteria Figure 4-1 and to reduce the constituents being monitored to only those that have been detected above IATLs since remedy completion (i.e., benzene, TCE, PCE, and toluene). The monitoring will continue on a quarterly basis pending EPA approval.

3. Because of elevated liquid levels (greater than 6 feet from the bottom of the reservoir), automatic leachate recovery systems were installed on Leachate Wells LC-2 and LC-4 and started up in December 2007. However, considering the lack of ground water impacts and the current low rate of liquid recovery from LC-2 and LC-4 (e.g., 1.9-2.3 gpd or less) and even lower liquid recovery from weekly bailing of LC-1 and LC-3, the need for continued liquids recovery from the LC wells should be re-evaluated.

4. The soil gas monitoring results indicate that gas migration from areas containing waste is not occurring and/or is not significant and there have been no in-business impacts. The only constituents that have been detected above SGPS in compliance wells since remedy completion

include benzene, chloroform, and TCE. It is recommended that annual monitoring begin and the number of constituents being monitored be reduced to those listed above as directed by the Decision Matrix Criteria For Soil Gas Monitoring Data, Figure 4-2.

5. Subsurface biodegradation changes appear to have been occurring because of the operation of the Reservoir Gas Collection System and Biovent Wells that introduced air below ground. The monitoring results indicate the subsurface has become more aerobic. As noted previously, the Reservoir Gas Collection System was converted to passive mode based on OMMP criteria. The passive mode will also reduce air infiltration.–Although, the Soil Gas Monitoring System data indicates the subsurface conditions have transitioned from anaerobic to aerobic degradation after remedy implementation, the soil gas analytical results indicate contaminant migration is not occurring and/or is not significant. Therefore, unless migration of contaminants is confirmed in future monitoring data, it is recommended that the Biovent Well baroball valves remain open.

6. Based on the ground water results from the first year of O&M that indicate the presence of some metals because of regional conditions and TCE from a likely upgradient source, the monitoring and sampling frequency of ground water was switched from semi-annual to annual (First Quarter) starting in the First Quarter of FY 2007-2008 (December 2007). It is recommended that monitoring frequency be reduced further to bi-annual as directed by the Decision Matrix Criteria For Ground Water Monitoring, Figure 4-3, since ground water impacts from site constituents have not been indicated. Table 8-5 summarizes the ground water monitoring results over the last 2 years.

7. A more effective form for reporting the status of the Site in the semi-annual and annual reports should be discussed by the Agencies and the Performing Parties. We recommend that a Technical Exchange Meeting (TEM) be held in the First Quarter 2010 to discuss this and the other recommendations.

9.0 REFERENCES

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TABLE 2-1
SUMMARY OF PARCEL OWNERS AND TENANTS
WASTE DISPOSAL INC. SUPERFUND SITE

PARCEL NO.	UNIT NO.	RECORDED OWNER	OWNER CONTACT	OWNER CONTACT TELEPHONE NO.	TENANT	TENANT CONTACT	TENANT ADDRESS	TENANT TELEPHONE NO.	CURRENT LAND USE
3	1	Raymond and Donnis Holbrook Trust	Eileen Holbrook	562-402-8389	Metro Diesel Injection	Monty Torres	12631 Los Nietos Rd	562-944-4846	Manufacturing
	2				DT Precision	Robert Barraza	12633 Los Nietos Rd	562-941-3308 714-277-9915	Unknown
	3				Vacant		12635 Los Nietos Rd		
	4				DK Enterprises	Dan Stroben	12635 Los Nietos Rd	562-906-2900	Machine Shop
4	1	Dia-Log Company	Scott Hartshorn	713-624-8386	Air Liquide	Scott Adams	9756 Santa Fe Springs Rd	562-906-8729	Industrial Gas Distribution
7	1	Eugene and Geraldine Welter Trust	Darren Welter	562-944-0291		Katherine Thrower	9618 Santa Fe Springs Rd #1	562-941-1821	Storage
	2				Ink Print	Martha De la Huerta	9618 Santa Fe Springs Rd #2	213-215-2103	Print Shop (business cards)
	3				The Polish Shop	Patrick Renish	9618 Santa Fe Springs Rd #3	714-362-1773	Polish Shop
	4				Cardon Cutting Tools	Abe & Frances Quighano	9618 Santa Fe Springs Rd #4	562-544-1420	
	5				Fontenont Construction	Jaret Fontenont	9618 Santa Fe Springs Rd #5	562-307-5371	
	6				Green Mountain Studios	Peter Schneckee	9618 Santa Fe Springs Rd #6&7	562-903-8556	Studio
	7								
	8					J. Silva	9618 Santa Fe Springs Rd #8	562-695-0132	Coffee Pots
	9					Jose Ramirez	9618 Santa Fe Springs Rd #9	310-787-7175	Welding
	10					Hugo Trujillo	9618 Santa Fe Springs Rd #10	714-447-4478	Welding - fences & gates
	11					Jesus Ramirez	9618 Santa Fe Springs Rd #11	562-212-2535	Metal Forming
	12				Conrad Enterprises	William Saxton	9618 Santa Fe Springs Rd #12	562-903-4006	
	13				City Steel	George Sullivan	9618 Santa Fe Springs Rd #13	562-944-3936	
	14					Leroy Bentaleou	9618 Santa Fe Springs Rd #14	310-779-1090	
	15					Mike Ferris	9618 Santa Fe Springs Rd #15	310-920-1296	Auto Electric
	16					Dennis Rodriguez	9618 Santa Fe Springs Rd #16	562-652-3516	Machine Shop
	1				Go Fast	Ronnie Tagle	9606 Santa Fe Springs Rd	562-698-2652	Auto/Machine Shop
	2					Roy Law	9608 Santa Fe Springs Rd		Wood Shop
	3				A & L Sweep Systems	Kim Goines	9610 Santa Fe Springs Rd	562-693-2971	Street Sweeping
11	1	Albert C.K. and Betty Leung	Albert Leung	818-512-7886	AAG Metal Industries	Albert Leung		562-698-9762	Import company, cast iron for commercial stoves
12	1						12645 Los Nietos Road		
	2						12647 Los Nietos Road		
	3						12649 Los Nietos Road		
21	1	Lucille F. Ferris Living Trust	Lucille Ferris	562-869-4143	Chillers Services	Bruce Kolstad	9620 Santa Fe Springs Rd	562-906-0105	Air Conditioning/Demolition
22	1	John I. Maple Family Partnership	Pam Maple	949-495-0408	Gold Coast Refractory	Robert Black	9630 Santa Fe Springs Rd	562-946-1942	Metal Work
24	1	Raymond and Donnis Holbrook Trust	Eileen Holbrook	562-402-8389	C&E Metal Products, Inc.	Mark Ellis	12637A/B Los Nietos Rd	562-946-6661	Machine Shop
	2				Buffalo Bullet	Ronald Dahlitz	12637 Los Nietos Rd	562-944-0322	Bullet Manufacturing
25		Marvin W. Pitts and Cecelia Pitts, trustees under declaration of Trust dated February 1, 1982 (Pitts Family Trust)	Marvin C. Pitts	931-237-6782	Marvin Pitts (Reservoir Area)	Marvin Pitts			RV/Other Storage
26		Adeline R. Bennet, M.D. Living Trust	Adeline Bennet						RV/Other Storage
28	1	Thomas J. Mersits Irene L. Mersits Trust	Tom Mersits	562-946-1220	Mersits Equipment	Tom Mersits	9640 Santa Fe Springs Rd	562-946-5707	Heavy Equipment Rentals
29	1							562-946-5806	
30	1	Marvin W. Pitts and Cecelia Pitts, trustees under declaration of Trust dated February 1, 1982 (Pitts Family Trust)	Marvin C. Pitts	931-237-6782	Marvin Pitts (Driveway)	Marvin Pitts			Storage Lot
		Adeline R. Bennet, M.D. Living Trust	Adeline Bennet						
32	1	David Joseph Neptune Family Trust	Dave Neptune	562-946-6377	California Reamers	Dave/Lori Neptune	12747 Los Nietos Rd	562-946-6377	Machine Shop

TABLE 2-1
SUMMARY OF PARCEL OWNERS AND TENANTS
WASTE DISPOSAL INC. SUPERFUND SITE
(CONTINUED)

PARCEL NO.	UNIT NO.	RECORDED OWNER	OWNER CONTACT	OWNER CONTACT TELEPHONE NO.	TENANT	TENANT CONTACT	TENANT ADDRESS	TENANT TELEPHONE NO.	CURRENT LAND USE
37	1	Lula Graziano, Trustee of Trust "A" of the Graziano Trust restated March 4, 1992	John Graziano Lula Graziano	707-554-5696 562-942-3672	Estus Racing	Richard Stannard	12803 Los Nietos Rd	626-484-1107	Automotive Shop
	2	Lula Graziano, Trustee of Trust "B" of the Graziano Trust restated March 4, 1992 Jovita I. Ortega	Jovita Ortega	562-902-5343	Unknown				
41	1	Eugene and Geraldine Welter Trust	Darren Welter	562-944-0291	Four C's Transmission	Julian Nieto	12807A Los Nietos Rd	562-946-9272	Automotive Shop
	2				Seal Methods, Inc. (SMI)	Darren Welter	12807B Los Nietos Rd	562-944-0291	Gadgets and Manufacturing
	3				2 Stage Enterprises	David Campion	12809A Los Nietos Rd	562-841-5149	
	4						12809B Los Nietos Rd	562-777-0994	Sporting Good Wholesaler
	5				Seal Methods, Inc. (SMI)	Darren Welter	12811A Los Nietos Rd	562-944-0291	Gadgets and Manufacturing
	6				Storage	Darren Welter	12811B Los Nietos Rd	562-944-0291	Storage
	7				Leo's Lawnmower	Leo Rojas	12811C Los Nietos Rd	562-944-0538	Machine Shop
	8				Hernandez Auto	Octavio Hernandez	12811D Los Nietos Rd	562-237-4967	Automotive Shop
	9				H & H Contractors	Roger Hall	12811E Los Nietos Rd	562-946-5108	Contractors
	10						12811F Los Nietos Rd		
42	1	Danny R. Peoples & Dena Peoples	Danny Peoples	562-947-7725	Airbrake Associates	Daniel Wedge	12741 Los Nietos Rd	562-946-4960	Automotive Manufacturing
43[(1)]	1	Eddie Earl Timmons	Eddie Timmons	562-244-5126	X-Transportation & Storage, Inc.	Angel Galliando	12723 Los Nietos Rd	562-577-8753	Brokerage Trucking Company
					TNT Auto Recovery	Gary Rogers		562-946-5401	Car repossession lot
44	1	Sisneros Family Trust	Dave Hoffman	562-777-9797	Sisneros Office Furniture	Dave Hoffman	12717 Los Nietos Rd	562-777-9797	Furniture Manufacturing
49		Greve Financial Services, Inc.	Joseph E. Kennedy	310-753-5770	Vacant Lot	Joseph E. Kennedy	9951 Greenleaf Ave.	310-753-5770	Vacant Lot
50	1	Brothers Machine & Tool, Inc.	Jose Razo	562-903-1117	Brothers Machine & Tool	Jose Razo	9843 S. Greenleaf Ave.	562-903-1117	Machine Shop
51		Marvin W. Pitts and Cecelia Pitts, trustees under declaration of Trust dated February 1, 1982 (Pitts Family Trust) Adeline R. Bennet, M.D. Living Trust	Marvin C. Pitts Adeline Bennet	931-237-6782	Vacant Lot				

Note: Tenants frequently rotate on the properties and as a result, this list will be updated periodically.
(1) This parcel has been leased out as of 06/01/08.

Reference: In accordance with Institutional Controls Monitoring and Enforcement Work Plan, Section 2.5, Page 9.

TABLE 2-2

SOIL GAS PERFORMANCE STANDARDS AND INDOOR AIR THRESHOLD LEVELS WASTE DISPOSAL, INC. SUPERFUND SITE

COMPOUND	SOIL GAS PERFORMANCE STANDARD[1] (ppbv)	INDOOR AIR THRESHOLD LEVEL[2] (ppbv)[3]
Benzene	10	2.0
Carbon Tetrachloride	21	0.68
Chloroform	20	3.4
1,2-Dibromoethane	1	0.06
1,2-Dichloroethane	20	3.6
cis-1,2-Dichloroethene	180	18.6
1,1-Dichloroethene	100	53[4]
1,2-Dichloropropane	20	1.86
trans-1,2-Dichloroethene	400	36.8
Ethylbenzene	5,000	490
Tetrachloroethene	500	10.6
Toluene	2,000	212.0
1,1,1-Trichloroethane	3,600	368.0
Trichloroethene	200	3.0 µg/m^3 [5]
Vinyl Chloride	10	0.25
m,p-Xylene	4,000	142.8
o-Xylene	4,000	142.8
Methane	1.25% (near buildings) 5.0% (site perimeter)	1.25%

(1) EPA, Amended Record of Decision, Waste Disposal, Inc. June 2002.

(2) CDM Federal Programs Corporation, Subsurface Gas Contingency Plan, Waste Disposal, Inc. Superfund Site, July 1997.

(3) Indoor Air Threshold Levels are expressed in part per billion volume (ppbv), except for Trichloroethene (TCE) that is expressed in µg/m^3.

(4) Developed separately by EPA (i.e., subsequent to the *Subsurface Gas Contingency Plan* [see footnote (2)]).

(5) Pursuant to EPA policy requirements, the indoor air *interim* threshold level for Trichloroethene (TCE) has been revised to 3.0 µg/m^3 (0.56 ppbv at 25 ^{o}C and 1 atm) for the in-business ambient air monitoring program. Please note that this value may be subject to future revision.

TABLE 3-1

PERFORMANCE REQUIREMENTS AND FREQUENCY OF ACTIVITIES [1]
WASTE DISPOSAL, INC. SUPERFUND SITE

REMEDIAL AND MONITORING SYSTEMS PERFORMANCE REQUIREMENTS	FREQUENCY		OMMP REFERENCE
	Operations and Maintenance	Monitoring	
RCRA C-Equivalent Cover [2]	Annually	N/A	Section 4.1
• designed and constructed to meet RCRA-equivalent engineering standards for hazardous waste containment			
• existing fill material complies with performance requirements including hydraulic conductivity, compaction, density, moisture content, and structural loading			
• soil cover/foundation layer sustains reasonable loads			
• cover includes a composite low hydraulic conductivity layer below a geomembrane (barrier layer)			
• resist infiltration equivalent to a geomembrane over a 2-foot-thick soil layer with a hydraulic conductivity of 1E-07 cm/sec or less			
• provide a water drainage layer above the barrier layer			
• provide a filter layer above the drainage layer to prevent clogging			
• include an overlying vegetative layer thick enough to protect the barrier layer, support vegetation, and prevent erosion from damaging cover and root penetration into the filter layer			
• assure cover integrity (no settlement or intrusion)			
• provide surface grades sufficient to prevent ponding or surface run-on			
• Annual inspection by independent Professional Engineer			
• Annual cover surface survey			
RCRA D-Equivalent Cover [2]	Annually	N/A	Section 4.1
• designed and constructed to meet RCRA-equivalent engineering standards for solid waste containment			
• existing fill material complies with performance requirements including hydraulic conductivity, compaction, density, moisture content, and structural loading			
• foundation layer sustains reasonable loads			
• low hydraulic conductivity layer with infiltration equivalent to a minimum 1-foot-thick soil with a hydraulic conductivity of 1E-06 cm/sec or less			
• vegetative/erosion resistant layer thick enough to support vegetation (for soil based cover) and resist erosion			
• assure cover integrity (no settlement or intrusion)			
• provide surface grades sufficient to prevent ponding or surface run-on			
• Annual cover surface survey			
Surface Drainage Control System	Annually	N/A	Section 4.1
• prevents erosion of containment structure			
• capable of handling 100-year, 24-hour storm			
• integration with existing offsite infrastructure			
• sufficient grading to promote lateral drainage and prevent ponding			
• final grading considers post-closure land use			

(1) Performance requirements are described in the Amended Record of Decision (AROD) and Statement of Work (SOW).

(2) Also complies with requirements set for in Title 22, 66264.310 and 66264.228 (k), (p) and (r).

N/A = Not Applicable

TABLE 3-1

PERFORMANCE REQUIREMENTS AND FREQUENCY OF ACTIVITIES (1)
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

REMEDIAL AND MONITORING SYSTEMS PERFORMANCE REQUIREMENTS	FREQUENCY		OMMP REFERENCE
	Operations and Maintenance	Monitoring	
Soil Gas Migration Control Systems	Varies (see below)	Varies (see below)	Sections 4.2 and 5.2
• control soil gas migration			
• compliance with soil gas performance requirements at points-of-compliance			
1. Reservoir Gas Collection System	Active - Monthly Passive - Semiannually	Active - Monthly Passive - Semiannually	Sections 4.2.1 and 5.2
• system designed to handle maximum expected gas flow rate			
• Treat extracted gas for at least the first year			
• compliance with applicable rules of South Coast Air Quality Management District (SCAQMD)			
• VOC emission rate less than 1.0 lb per day; if greater than 1.0 lb per day, extracted gas shall be treated and a SCAQMD permit-to-operate obtained			
• Reduce NMOC by at least 98% by weight or reduce NMOC concentration to less than 20 ppmv dry basis as hexane at 3% oxygen			
• Convert to passive system if methane emission rate is less than 2.3 lb per day after 1 year			
• Emissions comply with ARARs for Chemicals Of Concern (COCs) in subsurface soil gas			
2. Building Modifications	Annually	See Figure 4-1	Sections 4.2.2 and 5.2
• Sealing cracks in and penetrations through floor slabs			
• In-business air quality complies with EPA Indoor Air Threshold Levels (IATL) (Table 2-2)			
• Methane concentration maintained at or below 1.25% by volume in air within buildings			
3. Sentinel Biovent System	Semiannually	N/A	Section 4.2.3
• Air flow into the well			
Leachate Monitoring / Control System	Leachate Level >12"	Leachate Level <12": Monthly Leachate Level 12"-36": Weekly Leachate Level >36": Twice Weekly or Continuous Pumping	Section 4.5
• System designed to collect and maintain liquid head at leachate collection wells at or below 12 inches			
• Leachate disposal off-site			

(1) Performance requirements are described in the Amended Record of Decision (AROD) and Statement of Work (SOW).

N/A = Not Applicable

TABLE 3-1

PERFORMANCE REQUIREMENTS AND FREQUENCY OF ACTIVITIES [1]
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

REMEDIAL AND MONITORING SYSTEMS PERFORMANCE REQUIREMENTS	FREQUENCY		OMMP REFERENCE
	Operations and Maintenance	Monitoring	
Monitoring Systems			
1. Ground Water	To be performed at monitoring frequency	See Figure 4-3	Sections 4.3 and 5.1
• System designed to meet appropriate monitoring objectives: background, point-of-compliance, near-source detection, and verification/guard			
• Ground water monitoring to assure current conditions maintained or improved			
2. Soil Gas	To be performed at monitoring frequency	See Figure 4-2	Sections 4.3 and 5.2
• System designed to monitor appropriate zones and to provide representative samples			
• Soil vapor from respective vapor wells complies with the following:			
- Compliance Vapor Wells (perimeter wells): Levels meet Soil Gas Performance Standards (Table 2-2), levels maintained at or less than concentrations prior to remedy implementations, and methane concentration maintained at or below 5.0% by volume in soil gas at the Site boundary			
- Non-Compliance Vapor Wells: levels maintained at or less than concentrations prior to remedy implementations, or are not at levels of health concern.			
3. Surface Emissions - Outdoor	Annually	See Figure 4-1	Sections 4.2.2 and 5.2
• Sealing cracks in pavement			
• Surface emission testing for methane (e.g., methane concentration maintained at or below 1.25% by volume in air near buildings)			
4. Stormwater	Twice a year and following significant storm events (>2" of precipitation over a 24-hour period)	First two significant storm events after completion of remedial construction	Sections 4.4 and 5.3
• System designed to prevent flooding or ponding at Site during storm events			
• Stormwater quality complies with discharge criteria for site			
Landscaping and Vegetation			
• Vegetative Cover Mowing to maintain site appearance and allow easy access to monitoring wells	Every 3 to 4 months, and at least one week before St. Paul High School graduation.	N/A	Section 4.7
• Vegetative Cover Replacement if 70% coverage standard is not met.	As necessary	Bi-Annual	Section
• Tree trimming to promote healthy growth, prevent damage to stray ball fence and prevent off-site encroachment	Annually	N/A	Section 4.7
• Landscape Area weed control to maintain healthy appearance of trees, bushes, and ground cover	During mowing vents	N/A	Section 4.7
• Site housekeeping to remove accumulated debris, trash and waste	Annually	N/A	Section 4.7
• Site fences, signs and gates will be inspected and repaired, as necessary.	Annually	N/A	Section 4.6

(1) Performance requirements are described in the Amended Record of Decision (AROD) and Statement of Work (SOW).

N/A = Not Applicable

TABLE 4-1

MAXIMUM CONTAMINANT LEVELS FOR GROUND WATER CHEMICALS OF CONCERN WASTE DISPOSAL, INC. SUPERFUND SITE

COMPOUND	MAXIMUM CONTAMINANT LEVEL[4] (mg/L)
Arsenic	0.01
Lead	TT Action Level[1] = 0.015
Manganese	0.05[2]
Mercury	0.002
Benzene	0.005
Toluene	1.0
Xylene (total)	10.0
Carbon Tetrachloride	0.005
Chloroform	NA[3]
Tetrachloroethene	0.005
Trichloroethene	0.005
Vinyl Chloride	0.002

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(1) Lead and copper are regulated by a Treatment Technique that requires drinking water delivery systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For lead, the action level is 0.015 mg/L.
(2) Secondary MCL.
(3) There is no MCL for chloroform.
(4) MCLs are not Performance Standards. There are no Performance Standards in the AROD for ground water.
mg/L = milligrams per liter

TABLE 4-1

MAXIMUM CONTAMINANT LEVELS FOR GROUND WATER CHEMICALS OF CONCERN WASTE DISPOSAL, INC. SUPERFUND SITE

COMPOUND	MAXIMUM CONTAMINANT LEVEL[4] (mg/L)
Arsenic	0.01
Lead	TT Action Level[1] = 0.015
Manganese	0.05[2]
Mercury	0.002
Benzene	0.005
Toluene	1.0
Xylene (total)	10.0
Carbon Tetrachloride	0.005
Chloroform	NA[3]
Tetrachloroethene	0.005
Trichloroethene	0.005
Vinyl Chloride	0.002

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(1) Lead and copper are regulated by a Treatment Technique that requires drinking water delivery systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For lead, the action level is 0.015 mg/L.
(2) Secondary MCL.
(3) There is no MCL for chloroform.
(4) MCLs are not Performance Standards. There are no Performance Standards in the AROD for ground water.
mg/L = milligrams per liter

TABLE 4-2

MAXIMUM CONTAMINANT LEVELS FOR STORMWATER RUNOFF CHEMICALS OF CONCERN WASTE DISPOSAL, INC. SUPERFUND SITE

COMPOUND	MAXIMUM CONTAMINANT LEVEL[5] (mg/L)
Arsenic	0.01
Lead	TT Action Level[1] = 0.015
Manganese	0.05[2]
Mercury	0.002
Benzene	0.005
Toluene	1.0
Xylene (total)	10.0
Carbon Tetrachloride	0.005
Chloroform	NA[3]
Tetrachloroethene	0.005
Trichloroethene	0.005
Vinyl Chloride	0.002
Oil and Grease	NA
Other Metals (total & dissolved) [4]	NA
Total Suspended Solids	NA

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(1) Lead and copper are regulated by a Treatment Technique that requires drinking water delivery systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water systems must take additional steps. For lead, the action level is 0.015 mg/L.
(2) Secondary MCL.
(3) There is no MCL for chloroform.
(4) Same metal constituents that were analyzed for past ground water monitoring events.
(5) MCLs are not Performance Standards. There are no Performance Standards in the AROD for stormwater.

mg/L = milligrams per liter
NA = no maximum contaminant level

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																									
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																		
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
COMPLIANCE VAPOR WELLS																											
VW-29-10 (VW-29-S)	1998 1stQ	1.2	18	--	--	--	--	--	--	--	--	--	6.7	0.46	--	--	2.3	1.8	--	--	2.6	--	--	--	2	--	20	1.3
	1998 2ndQ	1.1	17	--	--	--	--	--	--	--	--	--	4.2	0.46	--	--	3.2	4.7	--	--	0.73	--	--	--	0.53	--	390	--
	1998 3rdQ	1.2	47	--	--	--	--	--	--	--	--	--	--	--	--	--	3	2.7	--	--	6.4	--	--	--	--	--	48	--
	1998 4thQ	0.99	28	--	--	--	--	--	1.4	--	--	--	5.4	0.64	--	--	2.8	2.1	--	--	8.1	--	--	--	--	--	9.3	--
	1999 1stQ	0.74	2.5	--	--	--	--	--	ND	ND	ND	ND	4	ND	ND	ND	2	0.99	ND	ND	1.6	ND	ND	ND	ND	ND	1.4	1.3
	1999 2ndQ	0.81	2.6	--	--	--	--	--	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	1.9	--	--	--	--	--	ND	ND	ND	ND	5.6	ND	ND	ND	2.1	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND	ND
	1999 4thQ	ND	4.8	--	--	--	--	--	ND	ND	ND	ND	7.7	0.51	ND	ND	2.2	1.9	ND	ND	1.5	ND	4.2	ND	ND	ND	0.61	0.91
	2000 1stQ	ND	1.7	--	--	--	--	--	ND	ND	ND	ND	7.2	ND	ND	ND	2.1	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	6.4	--	--	--	--	--	ND	ND	ND	ND	2.6	ND	ND	ND	2.4	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	1.5	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.4	<0.71	<1	<1.2	2.6	5.3	<1	<0.99	1.7	<1.1	3.1	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	5.2	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.2	0.45	<1	0.88	2.2	6.6	<1	<0.99	4.5	<1.1	5.3	<1	<0.82	<0.99	<0.73	0.85
	12/20/2005	1.3	2.8	<0.15	16.1	82	<0.15	1.94	<3.7 UJ2	<3.0 UJ2	<2.0 UJ2	<2.9 UJ2	27 M,J2,J6,C	<1.4 UJ2	<1.9 UJ2	<2.2 UJ2	1.0 J2	<2.5 UJ2	<1.9 UJ2	<1.9 UJ2	<2.1 UJ2	<2.2 UJ2	3.0 J2	<1.9 UJ2	<1.6 UJ2	<1.9 UJ2	<1.4 UJ2	**37 J2,C**
	6/8/2006	1.5	3.5	<0.12	18.1	80.1	<0.12	1.74	<0.59	<0.47	<0.31	<0.46	5.5 M	0.26	<0.31	<0.35	0.9	<0.39	<0.31	<0.30	<0.34	1.2	1.1	<0.31	<0.25	<0.30	<0.22	0.91
	12/6/2006	1.4	<1.6	<0.16	18.4	79.4	<0.16	2.12	<0.78	<0.63	<0.41	<0.61	6.0 M	0.3	<0.40	<0.46	0.7	<0.51	<0.40	<0.40	<0.44	<0.45	0.65	<0.40	<0.33	<0.40	<0.29	0.81
	3/20/2007	1.5	<0.15 V	<0.15	18.7	79.3	<0.15	1.93	<0.72	<0.58	<0.38	<0.56	5.8	0.27	<0.37	<0.43	0.37	0.49	<0.37	<0.37	<0.41	0.51	1.7	<0.37	<0.30	<0.37	<0.27	**64**
	6/24/2007	1.4	3.3	<0.17	19.4	78.9	<0.17	1.63	<0.81	<0.65	<0.43	<0.63	24	0.5	<0.42	<0.48	0.41	1.2	<0.42	<0.41	<0.46	4.4 M,V,J6,J11	1.7	<0.42	<0.34	<0.41	<0.31	**19**
	9/27/2007	<1.1	<2.2	<0.22	16.5	79.1	<0.22	4.4	<0.76	<0.61	<0.40	<0.60	12	0.3	<0.40	<0.45	0.47	<0.50	<0.40	<0.39	<0.44	<2.2	1.8	<0.40	<0.32	<0.39	<0.29	**16**
	12/27/2007	1.9	<1.5	<0.15	20.5	77.8	<0.15	1.66	<0.72 V,UJ	<0.58 V,UJ	<0.38	<0.56	14 J	<0.26	<0.37	<0.43	<0.19	<0.48 V,UJ	<0.37	<0.37	<0.41	<2.1	0.71	<0.37	<0.3	<0.37	<0.27	4.3
	6/6/2008	1.4	<1.7	<0.17	20.6	78.2	<0.17	1.13	<0.71	<0.58	<0.38	<0.56	14 M	<0.26	<0.37	<0.42	<0.19	<0.47	<0.37	<0.36	<0.41	<2.1	2.6	<0.37	<0.3	<0.36	<0.27	**41**
	12/11/2008	<0.74	4.6	<0.15	17.6	78.3	<0.15	4.15	<0.65	<0.52	<0.34	<0.51	7.7 M	0.26	<0.34	<0.38	<0.17	<0.43	<0.34	<0.33	<0.37	<1.9	0.91	<0.34	0.28	<0.33	<0.24	1.3
VW-29-23 (VW-29-I)	1998 1stQ	--	44	--	--	--	--	--	--	--	--	--	3.6	0.81	--	--	9.2	--	--	--	1.1	--	--	--	--	--	--	--
	1998 2ndQ	--	47	--	--	--	--	--	--	--	--	--	3.5	0.79	--	--	10	1.8	--	--	--	--	--	--	--	--	5.1	--
	1998 3rdQ	--	52	--	--	--	--	--	--	--	--	--	2.2	0.72	--	--	8	4.6	--	--	4.3	--	--	--	--	--	--	--
	1998 4thQ	--	47	--	--	--	--	--	5.3	--	--	--	8.9	1	--	--	7.9	5.2	--	--	4.6	--	--	--	--	--	0.51	--
	1999 1stQ	ND	7.4	--	--	--	--	--	ND	ND	ND	ND	1.4	0.68	ND	ND	6.6	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	7.4	--	--	--	--	--	ND	ND	ND	ND	5.9	0.73	ND	ND	7.3	8.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	1.8	--	--	--	--	--	ND	ND	ND	ND	3.6	0.73	ND	0.86	6.4	1	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND
	1999 4thQ	ND	7.4	--	--	--	--	--	ND	ND	ND	ND	7.3	0.76	ND	ND	7	4.3	ND	ND	ND	3.5	26	ND	ND	ND	ND	ND
	2000 1stQ	ND	4.6	--	--	--	--	--	2.2	ND	ND	ND	3.3	0.8	ND	ND	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	12	--	--	--	--	--	ND	ND	ND	ND	1.9	0.77	ND	ND	7.4	1.3	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND
	2000 3rdQ	<0.5	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.3	0.82	<1	<1.2	8.3	5	<1	<0.99	<1.1	<1.1	2.5	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	7.6	--	--	--	--	--	<1.9	<1.6	<1	<1.5	7.8	0.89	<1	<1.2	8.5	5.3	<1	<0.99	3.2	<1.1	5.4	<1	0.59	<0.99	<0.73	<1.3
	12/20/2005	<0.71	2.5	<0.14	11.2	84.4	<0.14	4.45	<2.7 UJ2	<2.2 UJ2	<1.5 UJ2	<2.1 UJ2	16 J2,C	<1.0 UJ2	<1.4 UJ2	<1.6 UJ2	3.7 J2	<1.8 UJ2	<1.4 UJ2	<1.4 UJ2	<1.6 UJ2	<1.6 UJ2	<1.9 UJ2	<1.4 UJ2	<1.2 UJ2	<1.4 UJ2	<1.0 UJ2	**27 J2,C**
	12/6/2006	<0.79	2	<0.16	8.76	84.2	<0.16	7.05	2.1	<0.62	<0.41	<0.60	4.3	0.56	<0.40	<0.45	4.8	0.68	<0.40	<0.39	<0.44	0.46 M	<0.54	<0.41	0.6	<0.39	<0.29	<0.49
	3/20/2007	<0.77	3.8	<0.15	10	83.3	<0.15	6.71	<0.74	<0.60	<0.39	<0.58	<3.2	0.49	<0.39	<0.44	3.5	0.79	<0.39	<0.38	<0.42	<0.43	<0.52	<0.39	<0.31	<0.38	<0.28	9.2
	6/24/2007	<0.64	7.2	<0.13	9.2	83.5	<0.13	7.25	<0.62	<0.50	<0.33	<0.48	18	0.54	<0.32	<0.37	4.1	1.4	<0.32	<0.31	<0.35	3.3 M,V,J6,J11	2.6	<0.32	0.28	<0.31	<0.23	**21**
	9/27/2007	<1.0	2.2	<0.21	10.5	82.3	<0.21	7.21	<0.75	<0.60	<0.40	<0.58	5.6	0.52	<0.39	<0.44	2.8	1.4	<0.39	<0.38	<0.43	<2.2	1.9	<0.39	<0.32	<0.38	<0.28	**30**
	12/27/2007	0.72	2.3	<0.14	14.2	80	<0.14	5.82	<0.68 V,UJ	<0.55 V,UJ	<0.36	<0.53	<3	0.39	<0.36	<0.41	1.4	0.97 V,UJ	<0.36	<0.35	<0.39	<2	<0.48	<0.36	<0.29	<0.35	<0.26	1.6
	6/6/2008	<0.9	4.8	<0.18	12.2	82.3	<0.18	5.51	<0.75	<0.61	<0.4	<0.59	7.5 M	0.52	<0.39	<0.45	2.8	1.6	<0.39	<0.38	<0.43	2.9	1.8	<0.39	<0.32	<0.38	<0.28	**18**
	12/11/2008	<0.72	7	<0.14	10.2	80.7	<0.14	9.04	<0.63	<0.51	<0.33	<0.49	5.4	0.78	<0.33	<0.37	4.2	<0.42	<0.33	<0.32	<0.36	<1.8	1.4	<0.33	<0.27	<0.32	<0.24	<0.41
VW-29-35 (VW-29-D)	1998 1stQ	--	64	--	--	--	--	--	--	--	--	--	19	1.2	--	--	15	--	--	--	0.71	--	0.84	--	4.4	--	0.65	--
	1998 2ndQ	--	73	--	--	--	--	--	--	--	--	--	8.9	1	3.1	1.4	13	1.5	--	--	--	--	--	--	2.5	--	2.6	--
	1998 3rdQ	0.71	83	--	--	--	--	--	--	--	--	--	2.4	1	--	--	14	1.5	--	--	4.2	--	--	--	1.5	--	--	--
	1998 4thQ	1.3	68	--	--	--	--	--	--	--	--	--	2.8	1.8	--	--	17	3.2	--	--	3.4	--	--	--	3.2	--	0.51	--
	1999 1stQ	2.4	8.3	--	--	--	--	--	ND	ND	ND	ND	2.5	0.95	ND	ND	12	1.3	ND	ND	ND	ND	ND	ND	4.4	ND	ND	ND
	1999 2ndQ	0.62	13	--	--	--	--	--	ND	ND	ND	ND	4.8	1.1	ND	ND	14	2.7	ND	ND	ND	ND	ND	ND	5.2	ND	ND	ND
	1999 3rdQ	0.67	5.3	--	--	--	--	--	ND	ND	ND	ND	3.8	1.1	ND	ND	13	1.3	ND	ND	0.92	ND	8	ND	10	ND	ND	ND
	1999 4thQ	0.88	14	--	--	--	--	--	ND	ND	ND	ND	17	1.2	ND	ND	16	9.4	ND	ND	ND	1.6	ND	ND	6.7	ND	ND	ND
	2000 1stQ	ND	6.3	--	--	--	--	--	2.7	ND	ND	ND	8.4	1.2	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND
	2000 2ndQ	ND	20	--	--	--	--	--	ND	ND	ND	ND	4.3	1.2	ND	ND	15	0.9	ND	ND	ND	ND	1.8	ND	6.2	ND	ND	ND
	2000 3rdQ	<0.5	15	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.4	1.1	<1	<1.2	14	1.7	<1	<0.99	<1.1	<1.1	1.2	<1	5.1	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	7.6	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	1.2	<1	1.1	13	1.6	<1	<0.99	43	<1.1	9.6	<1	4.6	<0.99	<0.73	1.5
	12/20/2005	0.93	6.5	<0.14	11.9	81.9	<0.14	6.15	<6.6 UJ2	<5.3 UJ2	<3.5 UJ2	<5.2 UJ2	<29 UJ2,C	<2.4 UJ2	<3.4 UJ2	<3.9 UJ2	4.6 J2	<4.4 UJ2	<3.4 UJ2	<3.4 UJ2	<3.8 UJ2	<3.9 UJ2	<4.6 UJ2	<3.4 UJ2	<2.8 UJ2	<3.4 UJ2	<2.5 UJ2	**17 J2,C**
	12/6/2006	<0.79	2.7	<0.16	7	83.3	<0.16	9.72	<0.77	<0.62	<0.41	<0.60	<3.3	0.57	<0.40	<0.45	8.2	0.88	<0.40	<0.39	<0.44	<0.45	<0.54	<0.40	1.5	<0.39	<0.29	0.62
	3/20/2007	<0.74	4.7	<0.15	7.4	83	<0.15	9.61	<0.72	<0.58	<0.38	<0.56	<3.1	1.2	<0.37	<0.43	5.6	0.57	<0.37	<0.37	<0.41	<0.42	<0.50	<0.37	1.3	<0.37	<0.27	3.3
	6/24/2007	<0.83	9.2	<0.17	7.47	82.9	<0.17	9.66	<0.80	<0.65	<0.43	<0.63	9.2 *,J13	0.73	<0.42	<0.48	6.1	1.7	<0.42	<0.41	<0.46	2.1 M,J6	1.8	<0.42	1.5	<0.41	<0.30	5.4
	9/27/2007	1.9	1.6	<0.16	19.1	78.9	<0.16	2.07	<0.76	<0.61	<0.40	<0.60	23	0.36	<0.40	0.91	1.2	0.92	<0.40	<0.39	<0.44	<2.2	3.2	<0.40	0.36	<0.39	<0.29	**37**
	12/27/2007	1.7	<1.5	<0.15	18.4	79	<0.15	2.62	<0.74 V	<0.59 V	<0.39	<0.58	3.5 M	0.32	<0.38	<0.44	0.96	<0.49 V	<0.38	<0.38	<0.42	<2.2	<0.52	<0.38	<0.31	<0.38	<0.28	1.9
	6/6/2008	<0.65	5.8	<0.13	7.52	82.3	<0.13	10.2	<0.58	<0.47	<0.31	<0.46	14	0.98	<0.3	<0.35	6.9	<0.39	<0.3	<0.3	<0.33	2.3	1	<0.3	1.3	<0.3	<0.22	1.5
	12/11/2008	<0.72	7	<0.14	8.71	81.5	<0.14	9.73	<0.63	<0.51	<0.33	<0.49	9.7	0.98	<0.33	<0.37	6.2	0.59	<0.33	<0.32	<0.36	<1.8	3.4	<0.33	0.69	<0.32	<0.24	<0.41
VW-30-07 (VW-30-S)	1998 1stQ	4.8	29	--	--	--	--	--	--	ND	--	--	2.8	--	0.67	--	--	6.3	--	0.7	2.3	--	--	--	1.4	--	590	ND
	1998 2ndQ	9.8	52	--	--	--	--	--	--	ND	--	--	ND	--	0.9	--	--	3.8	--	6	1	--	--	--	0.68	--	1400	ND
	1998 3rdQ	1.5	100	--	--	--	--	--	--	ND	--	--	2.6	0.63	0.89	--	--	4.5	--	2.6	1.9	--	--	--	0.54	--	360	ND
	1998 4thQ	1.1	12	--	--	--	--	--	--	ND	--	--	3.6	0.65	--	--	1.8	--	--	--	2	--	--	2.2	--	--	50	ND
	1999 1stQ	2.3	15	--	--	--	--	--	ND	ND	ND	ND	4	ND	ND	ND	ND	1.4	ND	ND	0.9	ND	ND	ND	ND	ND	12	1.6
	1999 2ndQ	11	13	--	--	--	--	--	ND	ND	ND	ND	5.6	ND	ND	ND	ND	1.5	ND	ND	ND	ND	1.2	ND	ND	ND	16	ND
	1999 3rdQ	1.5	5.5	--	--	--	--	--	ND	ND	ND	ND	11	0.61	ND	ND	ND	2.4	ND	ND	ND	ND	2.8	ND	ND	ND	17	ND
	1999 4thQ	ND	8.7	--	--	--	--	--	ND	ND	ND	ND	8.5	ND	ND	ND	ND	ND	ND	ND	1.5	ND	3.1	ND	ND	ND	7.6	ND
	2000 1stQ	0.72	4.5	--	--	--	--	--	ND	ND	ND	ND	4.5	ND	ND	ND	ND	3.6	ND	ND	ND	ND	1	ND	ND	ND	4.1	ND
	2000 2ndQ	ND	17	--	--	--	--	--	ND	ND	ND	ND	3.5	ND	ND	ND	ND	1.9	ND	ND	ND	ND	1.1	ND	ND	ND	5.4	ND
	2000 3rdQ	1.2	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.1	0.56	<1	<1.2	<0.52	5.6	<1	<0.99	1.2	<1.1	4.1	<1	<0.82	<0.99	7	<1.3
	2000 4thQ	1.2	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	1.7	<0.71	<1	<1.2	<0.52	18	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	3	<1.3
	12/28/2005	1.6 J7	3.2	<0.15	15.6	79.7	<0.15	4.65	<0.75	<0.60	<0.40	<0.58	6.9 M,J6,C	3.1	<0.39	0.92	<0.20	<0.49	<0.39	<0.38	<0.43	<0.44	3.3	<0.39	<0.32	<0.38	0.31	6.1 C
	12/21/2006	2.2	2.1	<0.15	14.8	79.9	<0.15	5.31	<0.74	<0.60	<0.39	<0.58	5.3	2.5	<0.39	<0.44	<0.20	0.5	<0.39	<0.38	<0.42	0.65 M	0.66	<0.39	<0.31	<0.38	<0.28	2.3
	3/22/2007	--	--	--	--	--	--	--	<0.74	<0.59	<0.39	<0.58	3.4	3.2	<0.38	<0.44	<0.20	<0.49	<0.38	<0.38	<0.42	<0.43	0.61	<0.38	<0.31	<0.38	<0.28	7.8

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
COMPLIANCE VAPOR WELLS																								
VW-29-10 (VW-29-S)	1998 1stQ	--	--	2.4	--	--	--	--	--	7.4	--	3.7	--	1.2	--	1.2	5.2	3.4	--	1.2	--	--	--	--
	1998 2ndQ	--	--	0.52	--	--	--	--	--	1.1	--	0.67	--	1.5	--	--	0.84	0.26	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	1	--	--	3.3	--	--	--	1.9	--	--	1.7	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	2.1	--	--	--	2.5	--	--	1.1	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	1.6	ND	ND	0.87	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	0.88	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	6.1	ND	ND	ND	10	ND	1.8	1.6	ND	ND	0.84	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	5.3	ND	ND	ND	2.6	ND	0.71	2.4	ND	ND	0.78	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	1.7	ND	ND	1.4	ND	ND	ND	2.3	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	4.3	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.1	<0.98	<0.47	<0.52	4.8	<0.87	1.3	4.9	<0.39	<0.94	1.6	<0.58	<0.67	0.64	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.9	<0.98	<0.47	<0.52	2.2	<0.87	1.2	4.9	<0.39	<0.94	1.8	<0.58	<0.67	<0.67	<0.67
	12/20/2005	<1.2 UJ2	<1.7 UJ2	<1.1 UJ2	<1.4 UJ2	<1.7 UJ2	<1.9 UJ2	<1.7 UJ2	<1.4 UJ2	30 J2,C	<1.9 UJ2	<0.9 UJ2	**<1.0 UJ2, UJ9**	<1.1 UJ2	<1.7 UJ2	45 J2,C	36 J2,C	<0.74 UJ2	<1.8 UJ2	9.1 J2,C	<1.1 UJ2	<1.3 UJ2	<1.3 UJ2	<1.3 UJ2
	6/8/2006	<0.19	<0.26	<0.18	<0.23	<0.27	<0.30	<0.27	<0.22	1	<0.30	<0.14	<0.16	0.31	<0.26	<0.28	0.71	<0.12	<0.28	0.29	<0.18	<0.20	<0.20	<0.20
	12/6/2006	<0.25	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.29	1.6	<0.39	<0.19	<0.21	0.31	<0.35	0.45	1.4	<0.15	<0.38	0.45	<0.23	<0.27	<0.27	<0.27
	3/20/2007	<0.24	<0.32	<0.22	0.58	<0.33	<0.36	<0.33	<0.27	3.5	0.88	<0.17	<0.19	3.1	<0.32	0.5	1.8	<0.14	<0.35	0.52	<0.22	<0.25	<0.25	<0.25
	6/24/2007	<0.27 UJ12	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	12	0.59	<0.20	<0.22	<0.25	<0.36	2.1	12	<0.16	1.4	4	<0.24	<0.28	<0.28	<0.28
	9/27/2007	<0.25	<0.34	<0.23	<0.29	<0.35	<0.38	<0.35	<0.29	3	<0.38	<0.18	<0.20	0.38	<0.34	0.52	2.3	<0.15	<0.37	0.78	<0.23	<0.26	0.26	0.26
	12/27/2007	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	2.2	<0.36	<0.17	<0.19	<0.22	<0.32	0.5	2	<0.14	<0.35	0.62	<0.22	<0.25	<0.25	<0.25
	6/6/2008	<0.23	<0.32	<0.22	18	<0.32	<0.36	<0.32	<0.27	1.3	0.81	<0.17	<0.19	0.86	<0.32	0.52	1.8	<0.14	<0.35	0.54	<0.21	<0.24	<0.24	<0.24
	12/11/2008	<0.21	<0.29	<0.2	<0.25	<0.29	<0.33	<0.29	<0.24	4	<0.33	<0.16	<0.17	<0.2	<0.29	0.76	2.5	<0.13	<0.31	0.91	<0.19	<0.22	<0.22	<0.22
VW-29-23 (VW-29-I)	1998 1stQ	--	--	--	--	--	--	--	--	9	--	--	--	13	--	1.2	1.8	--	--	1.2	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	0.94	--	--	--	17	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	2.6	--	--	--	11	--	--	1.4	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	0.65	--	--	--	19	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	16	ND	1.8	3.1	ND	ND	0.84	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	16	ND	0.71	2	ND	ND	0.78	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.1	<0.98	<0.47	<0.52	11	<0.87	0.93	3.5	<0.39	<0.94	1.1	<0.58	<0.67	0.5	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.2	<0.98	<0.47	<0.52	8.8	<0.87	1.2	5	<0.39	<0.94	1.8	<0.58	<0.67	<0.67	<0.67
	12/20/2005	<0.9 UJ2	<1.2 UJ2	<0.84 UJ2	<1.0 UJ2	<1.2 UJ2	<1.4 UJ2	<1.2 UJ2	<1.0 UJ2	18 J2,C	<1.4 UJ2	<0.66 UJ2	<0.73 UJ2	<0.83 UJ2	<1.2 UJ2	39 J2,C	26 J2,C	<0.55 UJ2	<1.3 UJ2	6.0 J2,C	<0.82 UJ2	<0.94 UJ2	<0.94 UJ2	<0.94 UJ2
	12/6/2006	<0.25	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	0.83	<0.39	<0.19	<0.21	3.8	<0.34	<0.36	1	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<.26
	3/20/2007	<0.24	<0.33	<0.23	<0.28	<0.34	<0.37	<0.34	<0.28	0.94	<0.37	<0.18	<0.20	3.4	<0.33	<0.35	1.1	<0.15	<0.36	0.39	<0.22	<0.25	<0.25	<0.25
	6/24/2007	<0.20 UJ12	<0.27	<0.19	0.41	<0.28	1.7	<0.28	<0.23	2.4	1.3	<0.15	<0.17	4.6	<0.28	0.57	3.4	<0.12	0.58 M,J6	1.4	<0.19	<0.21	<0.21	<0.21
	9/27/2007	<0.24	<0.33	<0.23	<0.29	<0.34	<0.38	<0.34	<0.28	2.1	0.41	<0.18	<0.20	2.3	<0.33	<0.35	1.4	<0.15	0.43	0.48	<0.22	<0.26	<0.26	<0.26
	12/27/2007	<0.22	<0.31	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	1.3	<0.34	<0.17	<0.18	1.4	<0.31	0.43	1.7	<0.14	<0.33	0.53	<0.21	<0.23	<0.23	<0.23
	6/6/2008	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.28	1.3	0.51	<0.18	<0.2	1.3	<0.34	0.42	1.5	<0.15	1.2	0.48	<0.23	<0.26	<0.26	<0.26
	12/11/2008	<0.21	<0.28	<0.19	<0.24	<0.29	<0.32	<0.29	<0.24	3.2	0.33	<0.15	<0.17	4.1	<0.28	1.3	2.5	<0.13	<0.31	0.86	<0.19	<0.22	<0.22	<0.22
VW-29-35 (VW-29-D)	1998 1stQ	--	--	--	0.57	--	--	--	--	7.8	--	--	--	6.7	--	0.68	2.9	--	--	0.66	--	--	--	--
	1998 2ndQ	0.69	--	--	1.4	--	--	--	--	1.1	--	--	--	7.1	--	--	0.58	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	2.4	--	--	--	4.8	--	--	1.1	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	0.91	--	--	--	--	0.75	--	--	--	7.3	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	0.52	ND	ND	ND	ND	ND	0.8	ND	ND	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	0.63	ND	ND	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	0.66	ND	ND	ND	ND	1.6	ND	ND	ND	6.1	ND	3	0.9	ND	ND	2.1	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	0.63	ND	ND	ND	ND	2.8	ND	ND	ND	6.8	ND	0.92	4.5	ND	ND	0.74	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	ND	ND	7.2	ND	ND	0.89	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	0.51	ND	ND	ND	ND	ND	ND	ND	ND	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	0.57	<0.88	<0.98	<0.88	<0.73	1.5	<0.98	<0.47	<0.52	20	<0.87	0.66	2.6	<0.39	<0.94	0.84	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	0.47	<0.88	<0.98	<0.88	<0.73	8.6	<0.98	<0.47	<0.52	18	<0.87	1.7	7	<0.39	<0.94	2.6	<0.58	<0.67	<0.67	0.72
	12/20/2005	<2.2 UJ2	<2.9 UJ2	<2.0 UJ2	<2.5 UJ2	<3.0 UJ2	<3.3 UJ2	<3.0 UJ2	<2.5 UJ2	26 J2,C	<3.3 UJ2	<1.6 UJ2	**<1.8 UJ2,UJ9**	<2.0 UJ2	<3.0 UJ2	9.4 J2,C	8.6 J2,C	<1.3 UJ2	<3.2 UJ2	<3.1 UJ2,C	<2.0 UJ2	<2.3 UJ2	<2.3 UJ2	<2.3 UJ2
	12/6/2006	<0.25	<0.34	<0.24	0.42	<0.35	<0.39	<0.35	<0.29	1.3	<0.39	<0.19	<0.21	8.4	<0.34	0.49	1.4	<0.15	<0.37	0.46	<0.23	<0.26	<0.26	<0.26
	3/20/2007	<0.24	<0.32	<0.22	0.89	<0.33	<0.36	<0.33	<0.27	3.8	<0.36	<0.17	<0.19	9	<0.32	1.1	5.2	<0.14	0.37	1.7	<0.22	<0.25	<0.25	<0.25
	6/24/2007	<0.26	<0.36	<0.25	0.38	<0.36	<0.40	<0.36	<0.30	3.5	0.98	<0.19	<0.21	9.6	<0.36	0.94	5.1	<0.16	0.86 M,J6	1.8	<0.24	<0.27	<0.27	<0.27
	9/27/2007	<0.25	<0.34	<0.23	<0.29	<0.35	<0.38	<0.35	<0.29	4.8	0.47	<0.18	<0.20	0.79	<0.34	0.52	2.1	<0.15	0.52	0.66	<0.23	<0.26	<0.26	<0.26
	12/27/2007	<0.24	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	1.5	<0.37	<0.18	<0.2	1.1	<0.33	0.45	1.8	<0.15	<0.36	0.55	<0.22	<0.25	<0.25	<0.25
	6/6/2008	<0.19	<0.26	<0.18	0.61	<0.27	<0.29	<0.27	<0.22	1.6	<0.29	<0.14	<0.16	10	<0.26	0.34	1.5	<0.12	<0.28	0.56	<0.18	<0.2	<0.2	<0.2
	12/11/2008	<0.21	<0.28	<0.19	<0.24	<0.29	<0.32	<0.29	<0.24	0.75	0.76	<0.15	<0.17	6.6	<0.28	4.2	3.4	<0.13	<0.31	1.3	<0.19	<0.22	<0.22	<0.22
VW-30-07 (VW-30-S)	1998 1stQ	--	--	1.6	0.69	--	--	--	--	2.4	--	2.4	--	1.7	--	ND	1.6	1.4	--	--	--	--	--	--
	1998 2ndQ	--	--	0.72	0.51	--	--	--	--	1.4	--	0.7	--	2.5	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	1	--	--	--	--	2.2	--	--	--	3.1	--	ND	1.2	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	1.7	--	--	--	2.7	--	ND	ND	--	0.84	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	2.3	ND	0.9	6	ND	ND	1.8	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	2.7	ND	ND	ND	ND	4	ND	ND	ND	8.2	ND	1.1	4.2	ND	ND	1.2	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	6.7	ND	ND	ND	1.9	ND	1.1	3.8	ND	ND	1.1	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	1.1	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	4	<0.98	<0.47	<0.52	3.6	<0.87	0.84	3.7	<0.39	<0.94	1.2	<0.58	<0.67	0.73	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	1.9	<0.98	<0.47	<0.52	1.4	<0.87	1.1	3.5	<0.39	<0.94	1.4	<0.58	<0.67	<0.67	0.46
	12/28/2005	<0.24	<0.33	<0.23	0.66	<0.34	<0.38	<0.34	<0.28	8.8 C	<0.38	<0.18	<0.20	12	<0.33	1.9 C	8.1 C	<0.15	0.48	3.2 C	<0.22	<0.26	<0.26	<0.26
	12/21/2006	<0.24	<0.33	<0.23	0.38	<0.34	<0.37	<0.34	<0.28	3.3	<0.37	<0.18	<0.20	19	<0.33	1.1	5.9	<0.15	<0.36	2.3	<0.22	<0.25	<0.25	<0.25
	3/22/2007	<0.24	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	2.2	0.38	<0.18	<0.20	17	<0.33	0.62	2.6	<0.15	<0.36	0.91	<0.22	<0.25	<0.25	<0.25

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																									
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																		
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-30-07 (VW-30-S)	7/7/2007	1.1	1.9	<0.16	18.9	77.9	<0.16	3.17	<0.76	<0.61	<0.40	<0.59	12	1.6	<0.39	<0.45	<0.20	7.6	<0.39	<0.39	<0.43	0.97	0.85	<0.39	<0.32	<0.39	<0.29	2.6
	9/26/2007	3.2	1.6	<0.16	19.4	77	<0.16	3.58	<0.77	<0.62	<0.41	<0.60	46	2.2	<0.40	<0.45	<0.21	1.4	<0.40	<0.39	<0.44	<2.2	1	<0.40	<0.32	<0.39	0.35	2.1
	12/27/2007	2.2	<1.4	<0.14	21.9	77.5	<0.14	0.581	<0.67 V,UJ	<0.54 V,UJ	<0.36	<0.52	120 M,J	0.28	<0.35	<0.4	<0.18	0.45	<0.35	<0.34	<0.38	<2	<0.47	<0.35	<0.28	<0.34	<0.25	1.9
	6/10/2008	0.91	5.8	<0.17	13.8	79.3	<0.17	6.94	<0.71	<0.58	<0.38	<0.56	43	3.6	<0.37	<0.42	<0.19	7.6	<0.37	<0.36	<0.41	<2.1	0.65	<0.37	<0.3	<0.36	0.41	0.55
	1/13/2009	1.2	4.1	<0.15	19.8	78.6	<0.15	1.54	<0.65	<0.52	<0.34	<0.51	21	0.74	<0.34	<0.38	<0.17	0.56	<0.34	<0.33	<0.37	<1.9	0.6	<0.34	<0.27	<0.33	<0.24	<0.42
VW-30-23 (VW-30-I)	1998 1stQ	9200	170	--	--	--	--	--	--	ND	--	--	ND	--	2.8	--	2.8	--	5.5	--	--	--	--	6.9	--	--	9.8	ND
	1998 2ndQ	12000	180	--	--	--	--	--	--	1.3	--	--	ND	--	1.8	--	--	3.4	5.8	2.4	--	--	--	3.8	--	--	35	ND
	1998 3rdQ	1300	140	--	--	--	--	--	--	ND	--	--	ND	--	0.75	--	2.4	2.5	1.3	--	5.4	--	0.89	4	--	--	1.9	ND
	1998 4thQ	32	14	--	--	--	--	--	--	ND	--	1.6	ND	0.5	--	--	1.6	5.7	--	--	--	--	--	--	0.59	--	--	ND
	1999 1stQ	17	34	--	--	--	--	--	ND	ND	ND	ND	ND	2.7	ND	ND	1.7	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	19	19	--	--	--	--	--	9	ND	ND	ND	ND	ND	ND	ND	1.5	9.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	1.9	6.3	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	1.1	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	0.91	16	--	--	--	--	--	3.4	ND	ND	ND	ND	ND	ND	ND	0.92	2.3	ND	ND	ND	ND	3.4	ND	ND	ND	ND	ND
	2000 1stQ	0.64	11	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	0.69	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	1.6	62	--	--	--	--	--	ND	ND	ND	ND	6.2	ND	ND	ND	ND	1.8	ND	ND	ND	1.6	31	ND	ND	ND	ND	ND
	2000 3rdQ	31	15	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.2	<0.71	<1	<1.2	0.92	6	<1	<0.99	0.94	<1.1	3.3	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	45	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	7.1	<0.71	<1	<1.2	0.69	1.5	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	12/28/2005	1.6 J7	4.5	<0.15	10.5	82.6	<0.15	6.86	<0.74 UJ2	<0.59 UJ2	<0.39 UJ2	<0.58 UJ2	<3.2 UJ2,C	0.78 J2	<0.38 UJ2	1.5 J2	0.75 J2	<0.49 UJ2	<0.38 UJ2	<0.38 UJ2	<0.42 UJ2	<0.43 UJ2	1.3 J2	<0.38 UJ2	0.49 J2	<0.38 UJ2	<0.28 UJ2	9.3 J2,C
	12/21/2006	1.1	2	<0.14	12.9	80.3	<0.14	6.82	<0.70	<0.56	<0.37	<0.55	6.2	1.2	<0.36	<0.41	<0.19	1.5	<0.36	<0.36	<0.40	<0.41	3.3	<0.36	<0.29	<0.36	<0.26	1.9
	3/22/2007	<0.77	2.3	<0.15	7.26	83.1	<0.15	9.68	<0.74	<0.60	<0.39	<0.58	3.6	0.59	<0.39	<0.44	<0.20	<0.49	<0.39	<0.38	<0.42	0.48	0.78	<0.39	<0.31	<0.38	<0.28	**15**
	3/22/2007 Dup	2.8	<1.5 V	<0.15	7.92	82.8	<0.15	9.27	<0.72	<0.58	<0.38	<0.56	3.1	0.6	<0.37	<0.43	<0.19	<0.48	<0.37	<0.37	<0.41	0.97 M	0.83	<0.37	<0.30	<0.37	<0.27	**20**
	7/7/2007	1.3	<1.6	<0.16	21.3	78	<0.16	0.678	<0.78	<0.63	<0.41	<0.61	4.9	0.3	<0.41	<0.46	<0.21	2.3	<0.41	<0.40	<0.45	1	0.56	<0.41	<0.33	<0.40	<0.30	2.4
	9/26/2007	<0.75	3.6	<0.15	4.86	83	<0.15	12.1	<29	**<23 UJ9**	<15	<23	1300	<11	<15	<17	<7.8	<19	<15	<15	<17	<85	<20	<15	<12	<15	<11	**<19 UJ9**
	12/27/2007	2.2	2	<0.12	21.4	78.1	<0.12	0.512	<5.8 V,UJ	<4.7 V,UJ	<3.1	<4.5	500 J	<2.1	<3	<3.5	<1.6	<3.9	<3	<3	<3.3	<17	<4.1	<3	<2.5	<3	<2.2	6
	6/10/2008	<0.62	8.4	<0.12	2.99	83.1	<0.12	13.9	<0.56	<0.45	<0.3	<0.44	110	0.53	<0.29	<0.33	<0.15	5.4	<0.29	<0.29	<0.32	2.4	1.1	<0.29	0.41	<0.29	<0.21	0.43
	6/10/2008 Dup	<0.94	7.2	<0.19	8.61	81.7	<0.19	9.66	<1.9	<1.6	<1	<1.5	210	<0.71	<1	<1.2	<0.52	7.02	<1	<0.99	<1.1	<5.7	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	1/13/2009	<0.69	9.1	<0.14	4.91	82.3	<0.14	12.8	<0.61	<0.49	<0.32	<0.48	98	0.58	<0.32	<0.36	<0.16	0.61	<0.32	<0.31	<0.35	<1.8	0.75	<0.32	<0.26	<0.31	<0.23	<0.39
VW-30-35 (VW-30-D)	1998 1stQ	11000	220	--	--	--	--	--	--	5.5	--	--	ND	--	4.3	--	--	--	26	--	--	--	--	34	--	--	4.9	ND
	1998 2ndQ	**13000**	220	--	--	--	--	--	--	2.7	--	--	ND	--	2.6	--	--	1.4	14	0.78	7.5	--	--	11	--	--	1.9	ND
	1998 3rdQ	3380	150	--	--	--	--	--	--	1.3	--	--	ND	--	1.5	--	--	2.2	6.6	--	--	--	--	12	--	--	--	ND
	1998 4thQ	290	36	--	--	--	--	--	--	ND	--	--	ND	0.6	--	--	0.63	7.7	--	0.81	1.9	--	--	0.81	0.7	--	--	ND
	1999 1stQ	130	33	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	2.8	5.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	84	19	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	2.5	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	15	9.5	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	1.8	3.9	ND	ND	ND	ND	2.4	ND	ND	ND	ND	ND
	1999 4thQ	7.2	19	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	1.9	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	2	12	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	2.3	32	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND
	2000 3rdQ	35	15	--	--	--	--	--	<1.9	<1.6	<1	<1.5	9.1	<0.71	<1	<1.2	0.9	7.5	<1	<0.99	<1.1	<1.1	3	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	41	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	8.4	<0.71	<1	<1.2	0.81	<1.3	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	12/28/2005	0.88	3.9	<0.16	10.7	82.4	<0.16	6.87	<0.79 UJ2	<0.64 UJ2	<0.42 UJ2	<0.62 UJ2	<3.5 UJ2,C	0.59 J2	<0.41 UJ2	0.53 J2	<0.21 UJ2	<0.53 UJ2	<0.41 UJ2	<0.41 UJ2	<0.46 UJ2	<0.47 UJ2	0.83 J2	<0.41 UJ2	<0.34 UJ2	<0.41 UJ2	<0.30 UJ2	6.0 J2,C
	12/21/2006	1.5	1.9	<0.14	15.7	80.4	<0.14	3.9	<0.70	<0.56	<0.37	<0.55	5.2	0.78	<0.36	2.6	0.21	0.96	<0.36	<0.36	<0.40	<0.41	1.4	<0.36	<0.29	<0.36	<0.26	2.7
	3/22/2007	2.7	<1.5 V	<0.15	12.6	81.1	<0.15	6.21	<0.71	<0.57	<0.38	<0.55	3.3	0.57	<0.37	<0.42	<0.19	<0.47	<0.37	<0.36	<0.41	0.59 M	0.8	<0.37	<0.30	<0.36	<0.27	6.2
	7/7/2007	1.3	<1.6	<0.16	20.7	78.6	<0.16	0.698	<0.76	<0.61	<0.40	<0.59	4.7	<0.28	<0.39	<0.45	<0.20	1.6	<0.39	<0.39	<0.43	1.3	1.2	<0.39	<0.32	<0.39	<0.29	5.9
	7/7/2007 Dup	1.4	<1.6	<0.16	20.7	78.6	<0.16	0.714	<0.77	<0.62	<0.41	<0.60	3.4	<0.28	<0.40	<0.45	<0.21	1.6	<0.40	<0.39	<0.44	0.66	1.2	<0.40	<0.32	<0.39	<0.29	8.3
	9/26/2007	<0.61	12	<0.12	3.63	83.7	<0.12	12.6	<59	**<48 UJ9**	<31	<46	5100	<22	<31	<35	<16	<39	<31	<30	<34	<170	<41	<31	**<25 UJ9**	**<30 UJ9**	<22	**<38 UJ9**
	12/27/2007	2.3	<1.4	<0.14	22.1	77.8	<0.14	<0.14	<6.9 V,UJ	<5.6 V,UJ	<3.7	<5.4	580 J	<2.5	<3.6	<4.1	<1.9	<4.6	<3.6	<3.5	<3.9	<20	<4.8	<3.6	<2.9	<3.5	<2.6	<4.4
	6/10/2008	1.5	69	<0.12	20.2	78.4	<0.12	1.31	<5.5	<4.5	<2.9	<4.3	8600	<2	<2.9	<3.3	<1.5	<3.7	<2.9	<2.8	<3.2	<16	<3.9	<2.9	<2.3	<2.8	<2.1	<3.6
	1/13/2009	<0.74	9	<0.15	5.89	82.3	<0.15	11.8	<0.65	<0.52	<0.34	<0.51	150	0.42	<0.34	<0.38	<0.17	9.2	<0.34	<0.33	<0.37	2.7	2.5	<0.34	<0.27	<0.33	<0.24	0.47
VW-31-10 (VW-31-S)	1998 1stQ	0.73	19	--	--	--	--	--	0.3	--	--	--	6.1	0.77	--	0.35	0.85	3.6	--	--	0.68	--	0.72	--	2.8	0.36	67	--
	1998 2ndQ	0.69	24	--	--	--	--	--	--	--	--	--	4.7	0.89	--	--	0.76	6.2	--	--	0.78	--	--	--	--	--	36	--
	1998 3rdQ	--	64	--	--	--	--	--	--	--	--	--	--	0.9	--	--	0.68	5.1	--	--	5.5	--	--	--	--	--	20	--
	1998 4thQ	--	3.5	--	--	--	--	--	--	--	--	--	12	0.76	--	--	--	8	--	--	--	--	1.9	--	--	--	--	--
	1999 1stQ	ND	5.3	--	--	--	--	--	ND	ND	ND	ND	12	0.57	ND	ND	ND	3.6	ND	ND	0.69	ND	2.9	ND	ND	ND	0.76	0.9
	1999 2ndQ	ND	4.7	--	--	--	--	--	ND	ND	ND	ND	4.8	0.65	ND	ND	0.35	1.6	ND	ND	ND	ND	0.89	ND	ND	ND	ND	ND
	1999 3rdQ	ND	3.6	--	--	--	--	--	ND	ND	ND	ND	9.2	0.68	ND	ND	0.37	12	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND
	1999 4thQ	ND	6	--	--	--	--	--	ND	ND	ND	ND	5.5	0.7	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND
	2000 1stQ	ND	2.2	--	--	--	--	--	ND	ND	ND	ND	8.7	0.51	ND	ND	7.7	19	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND
	2000 2ndQ	ND	8.9	--	--	--	--	--	<1.9	<1.6	<1	<1.5	11	0.55	<1	<1.2	<0.52	6.7	<1	<0.99	<1.1	<1.1	3.4	<1	<0.82	<0.99	<0.73	<1.3
	2000 3rdQ	<0.5	10	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6	0.71	<1	<1.2	<0.52	1.3	<1	<0.99	5	<1.1	1.7	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	--	6.3	--	--	--	--	--	<1.9	<1.6	<1	<1.5	7	0.54	<1	<1.2	<0.52	2.5	<1	<0.99	<1.1	<1.1	1.5	<1	<0.82	<0.99	<0.73	<1.3
	2001 1stQ	<0.5	40	--	--	--	--	--	<1.9	<1.6	<1	<1.5	11	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	<1.1	<1.1	4.7	<1	<0.82	<0.99	<0.73	<1.3
	2001 2ndQ	<0.5	15	--	--	--	--	--	<1.9	<1.6	<1	<1.5	7.1	<0.71	<1	<1.2	<0.52	9.3	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2001 3rdQ	<0.5	56	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	3.6	<1.4	<1	<1.2	<1.6	<1.3	<1	<0.99	<1.1	<1.1	3.1	<1	<0.82	<0.99	<0.73	<1.3
	2001 4thQ	<0.5	5.7	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	<1.7	<1.4	<1	<1.2	<1.6	2.2	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2002 1stQ	<0.5	6.3	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	5.5	<1.4	<1	<1.2	<1.6	11	<1	<0.99	<1.1	<1.1	3	<1	<0.82	<0.99	<0.73	<1.3
	2002 3rdQ	<0.5	6.3	--	--	--	--	--	<1.9	<1.6	<1	<1.5	11	<0.71	<1	<1.2	<0.52	2.5	<1	<0.99	1.9	<1.1	4.3	<1	<0.82	<0.99	<0.73	<1.3
	2002 4thQ	0.74	10	--	--	--	--	--	<2.6	<2.1	<1.4	<2	6.8	<0.95	<1.4	<1.5	<0.7	1.8	<1.4	<1.3	<1.5	<1.5	7.2	<1.4	<1.1	<1.3	<0.98	<1.7
	2003 4thQ	<0.60	6.9	--	--	--	--	--	<2.3	<1.9	<1.2	<1.8	<10	<0.86	<1.2	<1.4	<0.63	<1.6	<1.2	<1.2	<1.3	<1.4	<1.6	<1.2	<0.99	<1.2	<0.89	<1.5
	12/20/2005	<0.83	3	<0.17	15.7	79	<0.17	5.24	<0.80 UJ2	<0.65 UJ2	<0.43 UJ2	<0.63 UJ2	8.7 J2,C	0.45 J2	<0.42 UJ2	<0.48 UJ2	<0.22 UJ2	<0.53 UJ2	<0.42 UJ2	<0.41 UJ2	<0.46 UJ2	1.0 M,J2,J6	1.7 J2	<0.42 UJ2	<0.34 UJ2	<0.41 UJ2	<0.30 UJ2	2.0 J2,C
	12/12/2006	<0.75	2.1 J10	<0.15	17.8	77.8	<0.15	4.38	<0.72	<0.58 V	<0.38	<0.56	4.8 J10	0.33	<0.38	<0.43	<0.19	<0.48	<0.38	<0.37	<0.41	0.44 M	<0.51	<0.38	<0.31	<0.37	<0.27	4.1
	3/20/2007	2.8	<1.5 V	<0.15	17.3	78.4	<0.15	4.3	<0.72	<0.58	<0.38	<0.56	<3.1	0.52	<0.37	<0.43	<0.19	1.8	<0.37	<0.37	<0.41	<0.42	0.87	<0.37	<0.30	<0.37	<0.27	6.9
	6/24/2007	<0.77	7	<0.15	16.9	78.3	<0.15	4.88	<0.75	<0.60	<0.40	<0.58	6.2 *	0.38	<0.39	<0.44	<0.20	4.9	<0.39	<0.38	<0.43	<0.44	1.3	<0.39	<0.32	<0.38	<0.28	**12**
	9/23/2007	<0.82	2.7	<0.16	17.3	77.9 L2	<0.16	4.8	<1.4	<1.2	<0.77	<1.1	11 M	<0.53	<0.75	<0.86	<0.39	1.5	<0.75	<0.74	<0.83	<4.2	2.4	<0.75	<0.61	<0.74	<0.55	2.1
	12/27/2007	<0.72	1.8	<0.14	16.3	78.6	<0.14	5.01	<0.69 V,UJ	<0.56 V,UJ	<0.37	<0.54	<3	0.36	<0.36	<0.41	<0.19	<0.46	<0.36	<0.35	<0.4	<2	<0.49	<0.36	<0.29	<0.35	<0.26	0.53
	6/10/2008	1.2	4.2	<0.17	18.9	78.2	<0.17	2.88	<0.72	<0.59	<0.39	<0.57	6.8	0.28	<0.38	<0.43	<0.2	0.48	<0.38	<0.37	<0.42	<2.1	1.3	<0.38	<0.31	<0.37	<0.27	**14**
	12/11/2008	2.4	<1.5	<0.15	22.1	77.9	<0.15	<0.15	<0.65	<0.52	<0.35	<0.51	13 M	0.25	<0.34	0.48	<0.17	<0.43	<0.34	<0.33	<0.37	<1.9	0.93	<0.34	<0.27	<0.33	<0.25	0.75
	12/11/2008 Dup	2.2	<1.4	<0.14	22.1	77.9	<0.14	<0.14	<0.61	<0.5	<0.33	<0.48	16 M	0.26	<0.32	0.47	<0.17	1.2	<0.32	<0.31	<0.35	<1.8	1.5	<0.32	<0.26	<0.31	<0.23	0.86
VW-31-30 (VW-31-D)	1998 1stQ	0.72	59	--	--	--	--	--	--	--	--	--	4.5	0.94	--	--	1.2	2.2	--	0.56	0.59	--	0.41	--	0.69	0.37	8.4	0.22

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-30-07 (VW-30-S)	7/7/2007	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.29	3.3	<0.38	<0.18	<0.20	13	<0.34	0.62	3.1	<0.15	0.38	1	<0.23	<0.26	<0.26	<0.26
	9/26/2007	<0.25	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	2.9	<0.39	<0.19	<0.21	4.9	<0.34	0.39	1.5	<0.15	0.57	0.54	<0.23	<0.26	<0.26	<0.26
	12/27/2007	<0.22	<0.3	<0.21	<0.26	<0.3	<0.34	<0.3	<0.25	3.6	<0.34	<0.16	<0.18	1.8	<0.3	0.78	3.8	<0.13	<0.32	1.3	<0.2	<0.23	<0.23	<0.23
	6/10/2008	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	0.43	<0.36	<0.17	<0.19	6.8	<0.32	<0.34	<0.34	<0.14	<0.35	<0.34	<0.21	<0.24	<0.24	<0.24
	1/13/2009	<0.21	<0.29	<0.2	<0.25	<0.29	<0.33	<0.29	<0.24	0.48	<0.33	<0.16	<0.17	1	<0.29	<0.31	0.39	<0.13	<0.31	<0.31	<0.19	<0.22	<0.22	<0.22
VW-30-23 (VW-30-I)	1998 1stQ	--	--	--	32	--	--	--	--	2.7	--	--	--	32	--	ND	2.1	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	21	--	--	--	--	0.72	--	--	--	27	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	10	--	--	--	--	2	--	--	--	55	--	0.91	3.9	--	--	1.8	--	--	--	--
	1998 4thQ	--	--	--	6.6	--	--	--	--	1.0	--	--	--	220	--	ND	ND	--	0.84	--	--	--	--	--
	1999 1stQ	ND	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	2.7	ND	ND	ND	ND	2.4	ND	ND	ND	180	ND	ND	0.74	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	3.1	ND	ND	ND	ND	1.0	ND	ND	ND	170	ND	ND	2	ND	ND	0.57	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	3.1	ND	ND	ND	ND	4.1	ND	ND	ND	150	ND	ND	2.1	ND	ND	0.79	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	7.5	<0.88	<0.98	<0.88	<0.73	2.7	<0.98	<0.47	<0.52	210	<0.87	1.1	4.5	<0.39	<0.94	1.6	<0.58	<0.67	0.55	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	4.9	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	160	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<0.24 UJ2	<0.33 UJ2	<0.23 UJ2	8.8 J2	<0.33 UJ2	<0.37 UJ2	<0.33 UJ2	<0.28 UJ2	13 J2,C	<0.37 UJ2	<0.18 UJ2	<0.20 UJ2	25 J2	<0.33 UJ2	2.3 J2,C	9.4 J2,C	<0.15 UJ2	<0.36 UJ2	3.2 J2,C	<0.22 UJ2	<0.25 UJ2	<0.25 UJ2	<0.25 UJ2
	12/21/2006	<0.23	<0.31	<0.22	0.72	<0.32	0.49	<0.32	<0.26	8.8	<0.35	<0.17	<0.19	29 H	<0.31	3.6	19	<0.14	<0.34	7.9	<0.21	<0.24	<0.24	<0.24
	3/22/2007	<0.24	<0.33	<0.23	0.79	<0.34	<0.37	<0.34	<0.28	2.8	<0.37	<0.18	<0.20	46	<0.33	0.4	1.2	<0.15	<0.36	<0.35	<0.22	<0.25	<0.25	<0.25
	3/22/2007 Dup	<0.24	<0.32	<0.22	1.2	<0.33	<0.36	<0.33	<0.27	8.8	0.65	<0.17	<0.19	41	<0.32	1.3	6.3	<0.14	0.44	1.8	<0.22	<0.25	<0.25	<0.25
	7/7/2007	<0.26	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.30	2.2	<0.39	<0.19	<0.21	0.97	<0.35	0.51	2.8	<0.16	<0.38	1	<0.23	<0.27	<0.27	<0.27
	9/26/2007	<9.5	<13	<9.0	<11	<13	<15	<13	<11	<16	<15	<7.0	**<7.8 UJ9**	69	<13	<14	<14	<5.8	<14	<14	<8.7	<10	<10	<10
	12/27/2007	<1.9	<2.6	<1.8	<2.2	<2.6	<2.9	<2.6	<2.2	11	<2.9	<1.4	**<1.6**	<1.8	<2.6	<2.8	6.7	<1.2	<2.8	<2.8	<1.7	<2	<2	<2
	6/10/2008	<0.18	<0.25	<0.17	1.3	<0.26	<0.28	<0.26	<0.21	0.58	<0.28	<0.14	<0.15	92	<0.25	<0.27	<0.27	<0.11	0.46	<0.27	<0.17	<0.19	<0.19	<0.19
	6/10/2008 Dup	<0.64	<0.86	<0.6	0.85	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	54	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.66	<0.66	<0.66
	1/13/2009	<0.2	<0.27	<0.19	1.2	<0.28	<0.31	<0.28	<0.23	0.42	<0.31	<0.15	<0.16	83	<0.27	<0.29	0.47	<0.12	<0.3	<0.29	<0.18	<0.21	<0.21	<0.21
VW-30-35 (VW-30-D)	1998 1stQ	--	--	--	76	--	--	--	--	4	--	--	--	46	--	ND	2.3	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	40	--	--	--	--	1.1	--	--	--	39	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	23	--	--	--	--	2.2	--	--	--	67	--	ND	1.3	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	17	--	--	--	--	1.1	--	--	--	250	--	ND	ND	--	0.84	--	--	--	--	--
	1999 1stQ	ND	ND	ND	7.8	ND	ND	ND	ND	ND	ND	ND	ND	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	7.1	ND	ND	ND	ND	ND	ND	ND	ND	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	220	ND	ND	0.75	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	4.8	ND	ND	ND	ND	2.1	ND	ND	ND	220	ND	ND	0.61	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	4.6	ND	ND	ND	ND	ND	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	4.5	ND	ND	ND	ND	ND	ND	ND	ND	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	7.4	<0.88	<0.98	<0.88	<0.73	1.9	<0.98	<0.47	<0.52	190	<0.87	0.75	3.4	<0.39	<0.94	1.1	<0.58	<0.67	0.44	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	6	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	170	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<0.26 UJ2	<0.35 UJ2	<0.24 UJ2	3.1 J2	<0.36 UJ2	<0.40 UJ2	<0.36 UJ2	<0.30 UJ2	14 J2,C	<0.40 UJ2	<0.19 UJ2	<0.21 UJ2	33 J2	<0.36 UJ2	4.8 J2,C	13 J2,C	<0.16 UJ2	<0.39 UJ2	4.8 J2,C	<0.24 UJ2	<0.27 UJ2	<0.27 UJ2	<0.27 UJ2
	12/21/2006	<0.23	<0.31	<0.22	0.5	<0.32	<0.35	<0.32	<0.26	5.7	<0.35	<0.17	<0.19	20	<0.31	1.8	9.4	<0.14	<0.34	3.6	<0.21	<0.24	<0.24	<0.24
	3/22/2007	<0.23	<0.32	<0.22	0.74	<0.32	<0.36	<0.32	<0.27	3	<0.36	<0.17	<0.19	31	<0.32	0.74	3.7	<0.14	<0.34	1.2	<0.21	<0.24	<0.24	<0.24
	7/7/2007	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.29	1.7	0.84	<0.18	<0.20	0.86	<0.34	0.45	2.2	<0.15	<0.37	0.84	<0.23	<0.26	<0.26	<0.26
	7/7/2007 Dup	<0.25	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	2.7	0.74	<0.19	<0.21	0.87	<0.34	0.61	3.2	<0.15	<0.37	1.1	<0.23	<0.26	<0.26	<0.26
	9/26/2007	<19	**<26**	<18	<23	<27	<30	<27	<22	<32	<30	<14	**<16 UJ9**	62	<27	<28	<28	<12	<29	<28	<18	<20	<20	<20
	12/27/2007	<2.3	<3.1	<2.1	<2.6	<3.1	<3.5	<3.1	<2.6	8.2	<3.5	<1.7	**<1.8**	<2.1	<3.1	<3.3	6.4	<1.4	<3.3	<3.3	<2.1	<2.4	<2.4	<2.4
	6/10/2008	<1.8	<2.5	<1.7	<2.1	<2.5	<2.8	<2.5	<2.1	5.8	<2.8	<1.3	**<1.5**	14	<2.5	<2.6	2.8	<1.1	<2.7	<2.6	<1.7	<1.9	<1.9	<1.9
	1/13/2009	<0.21	<0.29	<0.2	1.4	<0.29	<0.33	<0.29	<0.24	1.4	<0.33	<0.16	<0.17	91	<0.29	<0.31	0.86	<0.13	<0.31	0.31	<0.19	<0.22	<0.22	<0.22
VW-31-10 (VW-31-S)	1998 1stQ	--	--	0.48	0.45	--	--	--	--	0.82	--	0.42	--	17	--	--	0.43	0.11	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	1.1	--	--	--	16	--	--	0.68	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	4.7	--	--	--	16	--	0.93	4.1	--	--	1.9	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	0.67	ND	ND	6.6	ND	ND	ND	ND	ND	0.94	4.2	ND	ND	1.4	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	13	ND	1.3	4.5	ND	ND	0.82	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	ND	8.4	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	0.72	<0.98	<0.47	<0.52	8.4	<0.87	<0.92	0.69	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.7	<0.98	<0.47	<0.52	12	<0.87	<0.92	2	<0.39	<0.94	0.64	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	0.9	<0.98	<0.47	<0.52	9.1	<0.87	0.7	2.5	<0.39	<0.94	0.99	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	9.1	<0.98	<0.47	<0.52	7.9	1.4	2.6	12	<0.39	<0.94	3.8	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	8	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	<0.87	<0.6	1.5	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	21	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	7.9	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	6.5	<0.98	<0.47	<0.52	7.2	<0.87	1.9	7	<0.39	<0.94	2.9	<0.58	<0.67	<0.67	<0.67
	2002 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.5	<0.98	<0.47	<0.52	16	<0.87	<0.92	4	<0.39	<0.94	1.6	<0.58	<0.67	<0.67	<0.67
	2002 4thQ	<0.85	<1.2	<0.8	1.3	<1.2	<1.3	<1.2	<0.98	5.3	<1.3	<0.63	<0.7	23	<1.2	<1.2	2.8	<0.52	<1.3	<1.2	<0.78	<0.89	<0.89	<0.89
	2003 4thQ	<0.77	<1	<0.72	<0.9	<1.1	<1.2	<1.1	<0.89	3.6	<1.2	<0.57	<0.63	4.9	<1.1	<1.1	4.3	<0.47	<1.1	1.8	<0.71	<0.81	<0.81	<0.81
	12/20/2005	<0.26 UJ2	<0.36 UJ2	<0.25 UJ2	<0.31 UJ2	<0.36 UJ2	<0.40 UJ2	<0.36 UJ2	<0.30 UJ2	4.4 J2,C	<0.40 UJ2	<0.19 UJ2	<0.21 UJ2	4.1 J2	<0.36 UJ2	0.58 J2,C	1.8 J2,C	<0.16 UJ2	<0.39 UJ2	0.6 J2,C	<0.24 UJ2	<0.27 UJ2	<0.27 UJ2	<0.27 UJ2
	12/12/2006	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	1.6	<0.36	<0.17	<0.19	3.9	<0.32	0.51	1.9	<0.14	0.54	0.62	<0.22	<0.25	<0.25	<0.25
	3/20/2007	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	6.8	<0.36	<0.17	<0.19	3.8	<0.32	2.2	11	<0.14	0.9	3.6	<0.22	<0.25	<0.25	<0.25
	6/24/2007	<0.24	<0.33	<0.23	0.57	<0.34	<0.38	<0.34	<0.28	21	<0.38	<0.18	<0.20	8	<0.33	4	22	<0.15	3	7.5	<0.22	<0.26	<.026	<0.26
	9/23/2007	<0.47	<0.65	<0.44	<0.55	<0.66	<0.73	<0.66	<0.55	4.6	<0.73	<0.35	<0.39	4	<0.65	<0.69	2.4	<0.29	0.89	0.84	<0.43	<0.50	<0.50	<0.50
	12/27/2007	<0.23	<0.31	<0.21	0.31	<0.32	<0.35	<0.32	<0.26	1.3	<0.35	<0.17	<0.19	3.3	<0.31	<0.33	1.1	<0.14	<0.34	0.34	<0.21	<0.24	<0.24	<0.24
	6/10/2008	<0.24	<0.32	<0.22	0.56	<0.33	<0.37	<0.33	<0.27	0.64	0.44	<0.18	<0.19	0.77	<0.32	<0.34	0.64	<0.14	<0.35	<0.34	<0.22	<0.25	<0.25	<0.25
	12/11/2008	<0.21	<0.29	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	2.5	<0.33	<0.16	<0.17	<0.2	<0.29	0.37	0.74	<0.13	<0.31	<0.31	<0.2	<0.22	<0.22	<0.22
	12/11/2008 Dup	<0.2	<0.27	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	2.9	<0.31	<0.15	<0.16	<0.19	<0.28	0.5	1.5	<0.12	<0.3	0.53	<0.18	<0.21	<0.21	<0.21
VW-31-30 (VW-31-D)	1998 1stQ	--	--	0.28	7.8	--	--	--	--	0.56	--	0.14	--	39	--	--	0.35	--	--	0.5	--	0.11	0.28	0.49

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-31-30 (VW-31-D)	1998 2ndQ	0.75	72	--	--	--	--	--	--	--	--	--	4.3	1	--	--	1	1.3	--	--	--	--	2	--	--	--	6.7	--
	1998 3rdQ	--	88	--	--	--	--	--	--	--	--	--	--	0.96	--	--	1.1	1.1	--	--	3.6	--	--	--	3.2	--	0.55	--
	1998 4thQ	0.55	14	--	--	--	--	--	--	--	--	--	9.2	1.1	--	--	1	--	--	--	--	--	1.3	--	--	--	--	--
	1999 1stQ	ND	22	--	--	--	--	--	ND	ND	ND	ND	1.7	0.95	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.82
	1999 2ndQ	ND	13	--	--	--	--	--	ND	ND	ND	ND	3	1	ND	1.3	1	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	6.8	--	--	--	--	--	ND	ND	ND	ND	3.5	0.87	ND	ND	0.92	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	20	--	--	--	--	--	ND	ND	ND	ND	34	0.91	ND	ND	0.86	44	ND	ND	0.76	ND	2.1	ND	ND	ND	ND	ND
	2000 1stQ	ND	7.5	--	--	--	--	--	ND	ND	ND	ND	3.8	0.81	ND	ND	0.69	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND
	2000 2ndQ	0.71	21	--	--	--	--	--	<1.9	<1.6	<1	<1.5	50	0.74	<1	<1.2	0.69	77	<1	<0.99	<1.1	7.5	42	<1	<0.82	<0.99	<0.73	<1.3
	2000 3rdQ	0.74	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	18	0.73	<1	<1.2	0.63	1.7	<1	<0.99	2	7.4	6.7	<1	<0.82	<0.99	<0.73	0.94
	2000 4thQ	--	9.6	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.2	0.69	<1	<1.2	0.54	5.3	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2001 1stQ	<0.5	92	--	--	--	--	--	<1.9	<1.6	<1	<1.5	13	<0.71	<1	<1.2	<0.52	2.5	<1	<0.99	2	<1.1	8.1	<1	<0.82	<0.99	<0.73	<1.3
	2001 2ndQ	<0.5	30	--	--	--	--	--	<1.9	<1.6	<1	<1.5	9.4	<0.71	<1	<1.2	<0.52	2.6	<1	<0.99	<1.1	<1.1	1.8	<1	<0.82	<0.99	<0.73	<1.3
	2001 3rdQ	<0.5	31	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	2.5	<1.4	<1	<1.2	<1.6	2.1	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2001 4thQ	<0.5	8.3	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	6.4	<1.4	<1	<1.2	<1.6	2.4	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2002 1stQ	<0.5	9.2	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	4.7	<1.4	<1	<1.2	<1.6	3	<1	<0.99	<1.1	<1.1	2.8	<1	<0.82	<0.99	<0.73	<1.3
	2002 3rdQ	<0.5	7.3	--	--	--	--	--	<1.9	<1.6	<1	<1.5	86	<0.71	<1	<1.2	<0.52	110	<1	<0.99	<1.1	<1.1	8	<1	<0.82	<0.99	<0.73	<1.3
	2002 4thQ	<0.67	7.1	--	--	--	--	--	9.6	<2.1	<1.4	<2	11	<0.95	<1.4	<1.5	<0.7	<1.7	<1.4	<1.3	<1.5	<1.5	8.4	<1.4	1.4	<1.3	<0.98	<1.7
	2003 4thQ	0.64	10	--	--	--	--	--	<2.3	<1.9	<1.2	<1.8	<10	<0.9	<1.2	<1.4	<0.62	<1.5	<1.2	<1.2	<1.3	<1.4	<1.6	<1.2	<0.98	<1.2	<0.87	8.3
	12/20/2005	0.94	4.9	<0.15	10.5	80.9	<0.15	8.61	<0.72 UJ2	<0.58 UJ2	<0.38 UJ2	<0.56 UJ2	6.8 J2,C	0.52 J2	<0.37 UJ2	<0.43 UJ2	0.22 J2	0.79 J2	<0.37 UJ2	<0.37 UJ2	<0.37 UJ2	<0.41 UJ2	1.8 M,J2,J6	1.2 J2	<0.37 UJ2	<0.30 UJ2	<0.37 UJ2	<0.27 UJ2	2.5 J2,C
	12/12/2006	1.2	4.4	<0.16	11.7	79.6	<0.16	8.71	<0.79	<0.64	<0.42	<0.62	4.9	0.44	<0.41	<0.47	<0.21	<0.53	<0.41	<0.41	<0.46	<0.47	<0.56	<0.41	<0.34	<0.41	<0.30	4.1
	3/20/2007	0.79	3.4	<0.14	11.9	79.4	<0.14	8.73	<0.70	<0.56	<0.37	<0.55	<3.0	<0.26	<0.36	<0.41	<0.19	0.59	<0.36	<0.36	<0.40	<0.41	<0.49	<0.36	<0.29	<0.36	<0.26	2.4
	6/24/2007	<0.78	5.6	<0.16	11.2	79.4	<0.16	9.35	<0.76	<0.61	<0.40	<0.59	11 M,*	0.52	<0.39	<0.45	<0.20	7.4	<0.39	<0.39	<0.43	2.3 M	3	<0.39	<0.32	<0.39	<0.29	**52**
	9/23/2007	0.97	4.1	<0.16	12.8	79.4 L	<0.16	7.83	<0.95	<0.77	<0.50	<0.74	27 M	0.51	<0.49	<0.56	<0.26	15	<0.49	<0.48	<0.54	<2.8	2.4	<0.49	<0.40	<0.48	<0.36	1.9
	12/27/2007	2.5	<1.6	<0.16	22	77.9	<0.16	<0.16	<0.76 V,UJ	<0.61 V,UJ	<0.4	<0.6	4.2 M,J	<0.28	<0.4	<0.45	<0.2	<0.5	<0.4	<0.39	<0.44	<2.2	<0.53	<0.4	<0.32	<0.39	<0.29	2.3
	6/10/2008	1.6	<1.2	<0.12	22.1	77.9	<0.12	<0.12	<0.55	<0.44	<0.29	<0.43	5.2 M	0.21	<0.29	<0.33	<0.15	<0.36	<0.29	<0.28	<0.31	<1.6	0.78	<0.29	<0.23	<0.28	<0.21	4.1
	12/11/2008	1.8	5.6	<0.13	16.9	78.6	<0.13	4.53	<0.59	<0.48	<0.31	<0.46	5.9	0.3	<0.31	0.43	<0.16	2.5	<0.31	<0.3	<0.34	<1.7	1.7	<0.31	<0.25	<0.3	<0.22	0.48
VW-32-08	1998 2ndQ	1.1	18	--	--	--	--	--	< 2.4	< 2	< 1.3	< 1.9	8	< 0.89	< 1.3	< 1.4	< 0.65	4.5	< 1.3	1.6	< 1.4	< 1.4	< 1.7	< 1.3	3.6	3.4	28	< 1.6
	1999 1stQ	1.9	< 1	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.3	< 0.71	< 1	< 1.2	< 0.52	1.6	< 1	< 0.99	< 1.1	< 1.1	4	< 1	< 0.82	< 0.99	0.55 J	0.81 J
	1999 1stQ Dup	--	--	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.3	< 0.71	< 1	< 1.2	< 0.52	1.6	< 1	< 0.99	< 1.1	< 1.1	4	< 1	< 0.82	< 0.99	0.56 J	0.83 J
	1999 2ndQ	0.93	10	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	5.4	< 0.71	< 1	< 1.2	< 0.52	1.8	< 1	< 0.99	< 1.1	< 1.1	1.6	< 1	< 0.82	< 0.99	0.58 J	< 1.3
	1999 3rdQ	1	11	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	9.2	0.61 J	< 1	< 1.2	0.53	2.8	< 1	< 0.99	< 1.1	< 1.1	< 1.4	< 1	< 0.82	< 0.99	1.4	< 1.3
	1999 3rdQ Dup	--	--	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	9.2	0.57 J	< 1	< 1.2	0.55	2.8	< 1	< 0.99	< 1.1	< 1.1	< 1.4	< 1	< 0.82	< 0.99	1.4	< 1.3
	1999 4thQ	1.4	1	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	< 1.7	< 0.71	< 1	< 1.2	< 0.52	6.8	< 1	< 0.99	< 1.1	< 1.1	1.2 J	< 1	< 0.82	< 0.99	1.4	< 1.3
VW-32-18	1998 2ndQ	< 0.5	50	--	--	--	--	--	< 0.48	< 0.39	< 0.26	< 0.38	7	0.49	< 0.25	< 0.29	0.45	2.6	< 0.25	0.65	0.41	< 0.28	0.63	< 0.25	3.7	4.4	10	< 0.31
	1999 1stQ	< 0.5	6.3	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.3	0.88	< 1	< 1.2	0.93	10 J	< 1	< 0.99	3.4 J	< 1.1	11 J	< 1	< 0.82	< 0.99	4.8	< 1.3
	1999 2ndQ	< 0.5	26	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	5.8	0.68 J	< 1	< 1.2	0.75	1.2 J	< 1	< 0.99	< 1.1	< 1.1	13	< 1	< 0.82	< 0.99	4	0.84 J
	1999 2ndQ Dup	--	--	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	5.3	0.61 J	< 1	< 1.2	0.76	1.2 J	< 1	< 0.99	< 1.1	< 1.1	13	< 1	< 0.82	< 0.99	3.9	0.84 J
	1999 3rdQ	< 0.5	8.2	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.9	0.8	< 1	< 1.2	0.9	6.1	< 1	< 0.99	< 1.1	1.3	1.6	< 1	< 0.82	< 0.99	4.8	1.4
	1999 4thQ	< 0.5	16	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	14	0.84	< 1	< 1.2	0.92	10	< 1	< 0.99	1.8	< 1.1	7.8	< 1	< 0.82	< 0.99	5.2	< 1.3
VW-32-35	1998 2ndQ	< 0.5	67	--	--	--	--	--	< 0.48	< 0.39	< 0.26	< 0.38	15	0.5	< 0.25	< 0.29	0.69	7.9	< 0.25	< 0.25	0.35	< 0.28	10	0.57	2.9	1	3.9	< 0.31
	1999 1stQ	< 0.5	8.7	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	6.2	0.99	< 1	< 1.2	1.4	4.9	< 1	< 0.99	< 1.1	< 1.1	4.2	< 1	1.2	< 0.99	5.7	0.85 J
	1999 2ndQ	< 0.5	22	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	3.3	1.1	0.84 J	< 1.2	1.4	3.1	< 1	< 0.99	< 1.1	< 1.1	< 1.4	< 1	1.1	< 0.99	7.1	< 1.3
	1999 3rdQ	< 0.5	12	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	4	1	< 1	< 1.2	1.3	3.6	< 1	< 0.99	< 1.1	< 1.1	< 1.4	< 1	1.3	< 0.99	6.7	< 1.3
	1999 4thQ	< 0.5	5	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	4.7	0.95	0.72 J	< 1.2	1.3	20	< 1	< 0.99	< 1.1	< 1.1	< 1.4	< 1	1.2	< 0.99	5.8	< 1.3
VW-33-10	1998 2ndQ	1	40	--	--	--	--	--	< 0.48	< 0.39	< 0.26	< 0.38	1.8	0.2	< 0.25	0.96	0.31	1.2	< 0.25	0.37	1.3	< 0.28	0.86	< 0.25	16	4.6	160	< 0.31
	1999 1stQ	0.84	9.9	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.3	0.55 J	< 1	< 1.2	< 0.52	3.6	< 1	< 0.99	1	< 1.1	8.9	< 1	< 0.82	< 0.99	2.3	< 1.3
	1999 2ndQ	0.62	9	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	5.3	< 0.71	< 1	< 1.2	< 0.52	1.9	< 1	< 0.99	< 1.1	< 1.1	2	< 1	< 0.82	< 0.99	9.3	< 1.3
	1999 3rdQ	< 0.5	8.9	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.3	< 0.71	< 1	< 1.2	< 0.52	1.3	< 1	< 0.99	< 1.1	< 1.1	< 1.4	< 1	< 0.82	< 0.99	7.4	< 1.3
	1999 3rdQ Dup	--	--	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.1	< 0.71	< 1	< 1.2	< 0.52	1.3	< 1	< 0.99	< 1.1	< 1.1	< 1.4	< 1	< 0.82	< 0.99	7.4	< 1.3
	1999 4thQ	0.86	5.9	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	4.8	< 0.71	< 1	< 1.2	< 0.52	< 1.3	< 1	< 0.99	< 1.1	< 1.1	1.6	< 1	< 0.82	< 0.99	5.4	< 1.3
	1999 4thQ Dup	--	--	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	5	< 0.71	< 1	< 1.2	< 0.52	< 1.3	< 1	< 0.99	< 1.1	< 1.1	1.7	< 1	< 0.82	< 0.99	5.5	< 1.3
VW-33-35	1998 2ndQ	2	89	--	--	--	--	--	< 0.48	< 0.39	< 0.26	< 0.38	8.4	0.33	< 0.25	< 0.29	1.7	1.7	0.44	1.2	< 0.28	< 0.28	0.55	2	9	< 0.25	20	1.1
	1999 2ndQ	1.4	18	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	4	< 0.71	< 1	< 1.2	0.71	< 1.3	< 1	< 0.99	< 1.1	< 1.1	< 1.4	1.4	4.4	< 0.99	3	< 1.3
	1999 2ndQ Dup	1.4	19	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	4.2	< 0.71	< 1	< 1.2	0.69	< 1.3	< 1	< 0.99	< 1.1	< 1.1	< 1.4	1.4	4.3	< 0.99	2.9	< 1.3
	1999 3rdQ	1.4	1.6	--	--	--	--	--	2	< 1.6	< 1	< 1.5	9.1	0.46 J	< 1	< 1.2	0.8	< 1.3	< 1	< 0.99	< 1.1	< 1.1	< 1.4	1.8	4.8	< 0.99	3.3	< 1.3
	1999 4thQ	1.2	7.6	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	7.2	< 0.71	< 1	< 1.2	0.63	< 1.3	< 1	< 0.99	< 1.1	< 1.1	< 1.4	1.7	4.3	< 0.99	3	< 1.3
VW-33-38	1999 1stQ	1.9	11	--	--	--	--	--	< 1.9	< 1.6	< 1	< 1.5	5.6	0.49 J	< 1	< 1.2	0.68	< 1.3	< 1	< 0.99	3.1	< 1.1	25	1.2	3.6	< 0.99	3	< 1.3
VW-34-10 (VW-34-S)	1998 1stQ	2.4	31	--	--	--	--	--	--	--	--	--	3.7	--	--	--	--	2.1	--	--	1.8	--	--	--	1.2	--	440	--
	1998 2ndQ	0.7	39	--	--	--	--	--	--	--	--	--	4.4	--	1.3	--	--	3.4	--	--	--	--	--	--	--	--	470	--
	1998 3rdQ	1.3	80	--	--	--	--	--	--	--	--	--	4.6	--	--	--	--	3.8	--	--	5.3	--	0.9	--	--	--	130	--
	1998 4thQ	1.5	44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9	--	--	--	--	--	--	--	--	17	0.79
	1999 1stQ	0.79	15	--	--	--	--	--	ND	ND	ND	ND	4.6	ND	ND	ND	ND	0.86	ND	ND	ND	ND	ND	ND	ND	ND	4.4	ND
	1999 2ndQ	0.68	10	--	--	--	--	--	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND
	1999 3rdQ	ND	6.4	--	--	--	--	--	ND	ND	ND	ND	3.9	ND	ND	ND	ND	5.1	ND	ND	5.1	ND	10	ND	ND	ND	2.9	ND
	1999 4thQ	0.93	8.6	--	--	--	--	--	ND	ND	ND	ND	9.1	ND	ND	ND	ND	2	ND	ND	2.6	ND	19	ND	ND	ND	1.7	ND
	2000 1stQ	0.67	4.5	--	--	--	--	--	--	--	--	--	4.3	--	--	--	--	--	--	--	--	--	--	--	--	--	0.69	--
	2000 2ndQ	0.69	15	--	--	--	--	--	--	--	--	--	5.2	--	<1	<1.2	<0.52	13	<1	<0.99	<1.1	<1.1	3	<1	<0.82	<0.99	0.53	<1.3
	2000 3rdQ	0.71	17	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	<0.71	1	<1.2	<0.52	<1.3	<1	<0.99	3.3	<1.1	0.99	<1	<0.82	<0.99	0.57	0.93
	2000 4thQ	0.69	9.9	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.7	<0.71	<1	<1.2	<0.52	2.7	<1	<0.99	2.1	<1.1	4	<1	<0.82	<0.99	<0.73	<1.3
	12/27/2005	1.1	3.1	<0.14	13.9	78.4	<0.14	7.69	<0.67	<0.54	<0.36	<0.53	10 M,J6,C	<0.25	<0.35	0.56	<0.18	<0.45	<0.35	<0.34	<0.39	<0.39	1.4	<0.35	<0.28	<0.34	<0.25	6.2 C
	12/12/2006	1	5.1	<0.16	14.1	78.3	<0.16	7.62	<0.78	<0.63 V	<0.41	<0.61	4.2 M	<0.29	<0.41	<0.46	<0.21	2.3	<0.41	<0.40	<0.45	<0.46	<0.55	<0.41	<0.33	<0.40	<0.30	7.1
	3/13/2007	<0.80	9.9	<0.16	12.2	78.6	<0.16	9.14	<0.78	<0.63	<0.41	<0.61	11	<0.28	<0.40	<0.46	<0.21	9.5	<0.40	<0.40	<0.44	2.3 M	3.6	<0.40	<0.33	<0.40	<0.29	**30**
	6/27/2007	0.84	6.4	<0.16	13.4	77.5	<0.16	9.06	<0.79	<0.64	<0.42	<0.62	26	<0.29	<0.41	<0.47	<0.21	<0.52	<0.41	<0.40	<0.45	4.5	5.6	<0.41	<0.33	<0.40	<0.30	**20**
	9/26/2007	130	<1.7	<0.17	21.8	78	<0.17	<0.17	<0.80	<0.65	<0.43	<0.63	19 M	<0.29	<0.42	<0.48	<0.22	3.3	<0.42	<0.41	<0.46	<2.3	4.5	<0.42	<0.34	<0.41	<0.30	**33**
	12/21/2007	0.97	2.4	<0.15	16	78.1	<0.15	5.88	<0.75 V	<0.6 V	<0.4	<0.58	5 M	<0.27	<0.39	<0.44	<0.2	<0.49	<0.39	<0.38	<0.43	<2.2	<0.52	<0.39	<0.32	<0.38	<0.28	2.7
	6/5/2008	0.87	7.4	<0.17	13	77.7	<0.17	9.34	<0.72	<0.58	<0.38	<0.56	12	<0.26	<0.37	<0.43	<0.19	<0.47	<0.37	<0.37	<0.41	<2.1	1.1	<0.37	<0.3	<0.37	<0.27	**13**
	12/29/2008	0.95	<1.6	<0.16	14.5	78.4	<0.16	7.08	<0.69	<0.55	<0.36	<0.54	11	<0.25	<0.36	<0.41	<0.18	<0.45	<0.36	<0.35	<0.39	<2	0.61	<0.36	<0.29	<0.35	<0.26	4.6

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-31-30 (VW-31-D)	1998 2ndQ	--	--	--	6	--	--	--	--	--	--	--	--	35	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	4.9	--	--	--	--	3.3	--	--	--	32	--	0.64	2.8	--	--	1.2	--	--	--	--
	1998 4thQ	--	--	--	6.3	--	--	--	--	--	--	--	--	41	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	4.9	ND	ND	ND	ND	2.6	0.9	ND	ND	33	ND	0.86	4.1	ND	ND	1.6	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND	38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	3.6	ND	ND	ND	ND	4.6	ND	ND	ND	34	ND	1	3.9	ND	ND	0.96	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	3.1	ND	ND	ND	ND	0.77	ND	ND	ND	29	ND	ND	0.86	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	2.9	<0.88	3	<0.88	<0.73	2	<0.98	<0.47	<0.52	25	<0.87	2	1.9	<0.39	1.1	0.61	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	0.61	<0.6	3.1	<0.88	3.2	<0.88	1.5	3.4	7.5	0.99	<0.52	25	2.3	2.6	6.9	2.4	2.2	3.5	4.5	9.4	11	11
	2000 4thQ	<0.64	<0.87	<0.6	2	<0.88	<0.98	<0.88	<0.73	1	<0.98	<0.47	<0.52	24	<0.87	<0.92	1.2	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	1.8	<0.88	<0.98	<0.88	<0.73	8.1	<0.98	<0.47	<0.52	24	<0.87	2.1	10	<0.39	<0.94	3.4	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.64	<0.87	<0.6	1.7	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	22	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	9.6	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<0.64	<0.87	<0.6	1.4	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	20	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	<0.87	<0.6	1.7	<0.88	<0.98	<0.88	<0.73	5.9	<0.98	<0.47	<0.52	24	<0.87	1.6	6.1	<0.39	<0.94	2.4	<0.58	<0.67	<0.67	<0.67
	2002 3rdQ	<0.64	<0.87	<0.6	1.2	<0.88	1.8	<0.88	<0.73	3.4	<0.98	<0.47	<0.52	77	<0.87	<0.92	3.9	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2002 4thQ	<0.85	<1.2	<0.8	<1	<1.2	<1.3	<1.2	<0.98	6.1	<1.3	<0.63	<0.7	9.1	<1.2	<1.2	3.5	<0.52	<1.3	<1.2	<0.78	<0.89	<0.89	<0.89
	2003 4thQ	<0.76	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/20/2005	<0.24 UJ2	<0.32 UJ2	<0.22 UJ2	0.75 J2	<0.33 UJ2	<0.36 UJ2	<0.33 UJ2	<0.27 UJ2	2.8 J2,C	<0.36 UJ2	<0.17 UJ2	<0.19 UJ2	8.6 J2	<0.32 UJ2	0.42 J2,C	1.3 J2,C	<0.14 UJ2	<0.35 UJ2	0.43 J2,C	<0.22 UJ2	<0.25 UJ2	<0.25 UJ2	<0.25 UJ2
	12/12/2006	<0.26	<0.35	<0.24	1.2	<0.36	<0.40	<0.36	<0.30	1.9	<0.40	<0.19	<0.21	7.5	<0.36	0.54	2.2	<0.16	<0.39	0.7	<0.24	<0.27	<0.27	<0.27
	3/20/2007	<0.23	<0.31	<0.22	0.49	<0.32	<0.35	<0.32	<0.26	2.4	<0.35	<0.17	<0.19	3.3	<0.31	0.69	3.4	<0.14	<0.34	1.1	<0.21	<0.24	<0.24	<0.24
	6/24/2007	<0.25	<0.34	<0.23	1.4	<0.34	0.43	<0.34	<0.29	14	1.6	<0.18	<0.20	9	<0.34	2.5	13	<0.15	1.4	4.2	<0.23	<0.26	<0.26	<0.26
	9/23/2007	<0.31	<0.42	<0.29	1.1	<0.43	<0.48	<0.43	<0.36	4.1	<0.48	<0.23	<0.26	5.6	<0.43	0.53	2.2	<0.19	0.71	0.81	<0.29	<0.33	<0.33	<0.33
	12/27/2007	<0.25	<0.34	<0.23	<0.29	<0.35	<0.38	<0.35	<0.29	1.5	<0.38	<0.18	<0.2	0.4	<0.34	<0.36	1.1	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	6/10/2008	<0.18	<0.25	<0.17	<0.21	<0.25	<0.28	<0.25	<0.21	1.7	<0.28	<0.13	<0.15	<0.17	<0.25	<0.26	0.78	<0.11	<0.27	0.27	<0.17	<0.19	<0.19	<0.19
	12/11/2008	<0.19	<0.26	<0.18	0.42	<0.27	<0.3	<0.27	<0.22	<0.32	<0.3	<0.14	<0.16	0.7	<0.27	0.7	<0.28	<0.12	<0.29	<0.28	<0.18	<0.2	<0.2	<0.2
VW-32-08	1998 2ndQ	< 0.8	< 1.1	0.98	< 0.93	< 1.1	< 1.2	< 1.1	< 0.92	< 1.3	< 1.2	< 0.59	< 0.65	1.5	< 1.1	< 1.2	< 1.2	< 0.48	< 1.2	< 1.2	< 0.73	< 0.83	< 0.83	< 0.83
	1999 1stQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	5.9	< 0.98	< 0.47	< 0.52	0.42 J	< 0.87	1.2	4.8	< 0.39	< 0.94	1.8	< 0.58	< 0.67	< 0.67	< 0.67
	1999 1stQ Dup	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	6	< 0.98	< 0.47	< 0.52	0.46 J	< 0.87	1.2	4.8	< 0.39	< 0.94	1.8	< 0.58	< 0.67	< 0.67	< 0.67
	1999 2ndQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	1.9	< 0.98	< 0.47	< 0.52	< 0.59	< 0.87	0.66 J	3.2	< 0.39	< 0.94	1.2	< 0.58	< 0.67	< 0.67	< 0.67
	1999 3rdQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	0.36 J	< 0.87	< 0.92	0.64 J	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 3rdQ Dup	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	0.37 J	< 0.87	< 0.92	0.64 J	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 4thQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	0.88 J	< 0.98	< 0.47	< 0.52	0.56 J	< 0.87	< 0.92	0.72 J	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
VW-32-18	1998 2ndQ	< 0.16	< 0.22	1.6	0.55	< 0.22	< 0.24	< 0.22	< 0.18	0.38	< 0.24	0.62	< 0.13	1.5	< 0.22	< 0.23	0.25	< 0.1	< 0.23	< 0.23	< 0.15	< 0.17	< 0.17	< 0.17
	1999 1stQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	11 J	< 0.98	< 0.47	< 0.52	1.5	< 0.87	1.9	6.6 J	< 0.39	1.3	1.6	< 0.58	< 0.67	< 0.67	< 0.67
	1999 2ndQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	2.9	< 0.98	< 0.47	< 0.52	0.59	< 0.87	1	4.7	< 0.39	< 0.94	1.8	< 0.58	< 0.67	< 0.67	< 0.67
	1999 2ndQ Dup	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	3	< 0.98	< 0.47	< 0.52	0.67	< 0.87	1	4.7	< 0.39	< 0.94	1.8	< 0.58	< 0.67	< 0.67	< 0.67
	1999 3rdQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	0.86	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 4thQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	1.3	< 0.98	< 0.47	< 0.52	1.2	< 0.87	< 0.92	1.6	< 0.39	< 0.94	0.6 J	< 0.58	< 0.67	< 0.67	< 0.67
VW-32-35	1998 2ndQ	< 0.16	< 0.22	0.68	1.2	< 0.22	< 0.24	< 0.22	< 0.18	0.76	< 0.24	0.13	< 0.13	1.3	< 0.22	< 0.23	0.46	< 0.1	< 0.23	< 0.23	< 0.15	< 0.17	< 0.17	< 0.17
	1999 1stQ	< 0.64	< 0.87	< 0.6	1.2	< 0.88	< 0.98	< 0.88	< 0.73	5.7	< 0.98	< 0.47	< 0.52	2.7	< 0.87	1.5	6.3	< 0.39	0.7 J	2.3	< 0.58	< 0.67	< 0.67	< 0.67
	1999 2ndQ	< 0.64	< 0.87	< 0.6	1.2	< 0.88	< 0.98	< 0.88	< 0.73	2.8	< 0.98	< 0.47	< 0.52	1.6	< 0.87	0.89 J	4.3	< 0.39	< 0.94	1.5	< 0.58	< 0.67	< 0.67	< 0.67
	1999 3rdQ	< 0.64	< 0.87	< 0.6	1.2	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	2	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 4thQ	< 0.64	< 0.87	< 0.6	1.2	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	2.7	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
VW-33-10	1998 2ndQ	< 0.16	< 0.22	13	1.2	< 0.22	< 0.24	< 0.22	< 0.18	0.94	< 0.24	6.7	< 0.13	0.87	< 0.22	< 0.23	0.57	1.5	< 0.23	< 0.23	< 0.15	< 0.17	< 0.17	< 0.17
	1999 1stQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	3	< 0.98	< 0.47	< 0.52	1.4	< 0.87	0.86 J	3.5	< 0.39	< 0.94	1.7	< 0.58	< 0.67	< 0.67	< 0.67
	1999 2ndQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	0.74 J	< 0.98	< 0.47	< 0.52	0.61	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 3rdQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	0.78	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 3rdQ Dup	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	0.78	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 4thQ	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	3.3	< 0.98	< 0.47	< 0.52	1.6	< 0.87	0.82 J	3.2	< 0.39	< 0.94	0.94	< 0.58	< 0.67	< 0.67	< 0.67
	1999 4thQ Dup	< 0.64	< 0.87	< 0.6	< 0.74	< 0.88	< 0.98	< 0.88	< 0.73	3.2	< 0.98	< 0.47	< 0.52	1.6	< 0.87	0.79 J	3.1	< 0.39	< 0.94	0.91 J	< 0.58	< 0.67	< 0.67	< 0.67
VW-33-35	1998 2ndQ	< 0.16	< 0.22	< 0.15	420	< 0.22	< 0.24	< 0.22	< 0.18	1.1	< 0.24	< 0.12	< 0.13	18	< 0.22	< 0.23	0.25	< 0.1	< 0.23	< 0.23	< 0.15	< 0.17	< 0.17	< 0.17
	1999 2ndQ	< 0.64	< 0.87	< 0.6	200	< 0.88	1.1	< 0.88	< 0.73	0.99 J	1.2	< 0.47	< 0.52	12	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 2ndQ Dup	< 0.64	< 0.87	< 0.6	200	< 0.88	0.65 J	< 0.88	< 0.73	0.89 J	< 0.98	< 0.47	< 0.52	11	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 3rdQ	< 0.64	< 0.87	< 0.6	260	< 0.88	< 0.98	< 0.88	< 0.73	< 1.1	< 0.98	< 0.47	< 0.52	15	< 0.87	< 0.92	< 0.92	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
	1999 4thQ	< 0.64	< 0.87	< 0.6	200	< 0.88	< 0.98	< 0.88	< 0.73	1.6	< 0.98	< 0.47	< 0.52	15	< 0.87	< 0.92	1.7	< 0.39	< 0.94	< 0.92	< 0.58	< 0.67	< 0.67	< 0.67
VW-33-38	1999 1stQ	< 0.64	< 0.87	< 0.6	180	< 0.88	< 0.98	< 0.88	< 0.73	3.9	< 0.98	< 0.47	< 0.52	14	< 0.87	0.8 J	3.2	< 0.39	< 0.94	1.4	< 0.58	< 0.67	< 0.67	< 0.67
VW-34-10 (VW-34-S)	1998 1stQ	--	--	0.48	0.54	--	--	--	--	4.2	--	--	--	2.2	--	0.83	3.4	--	--	0.85	--	--	--	--
	1998 2ndQ	--	--	--	0.67	--	--	--	--	0.67	--	--	--	2.5	--	--	0.66	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	3	--	--	--	2.3	--	--	1.6	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	1.5	--	--	--	1.8	--	--	1.7	--	--	0.59	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	2.9	ND	0.76	3.7	ND	ND	2.5	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	2.6	ND	0.8	3.3	ND	ND	1.4	ND	ND	ND	ND
	2000 1stQ	--	--	--	--	--	--	--	--	1.7	--	--	--	2	--	0.83	2.3	--	--	0.97	--	--	--	--
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.1	<0.98	<0.47	<0.52	1.9	<0.87	<0.92	1.1	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	6.3	<0.98	<0.47	<0.52	3.6	<0.87	1.3	5.9	<0.39	<0.94	2.5	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.9	<0.98	<0.47	<0.52	2.6	<0.87	0.74	3	<0.39	<0.94	1.1	<0.58	<0.67	<0.67	<0.67
	12/27/2005	<0.22	<0.30	<0.21	<0.26	<0.31	<0.34	<0.31	<0.25	22 C	<0.34	<0.16	<0.18	1.4	<0.30	5.7 C	18 C	<0.13	<0.33	6.1 C	<0.20	<0.23	<0.23	<0.23
	12/12/2006	<0.26	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.30	1.3	<0.39	<0.19	<0.21	1.4	<0.35	0.44	1.7	<0.16	<0.38	0.57	<0.23	<0.27	<0.27	<0.27
	3/13/2007	<0.25	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.29	6.9	0.54	<0.19	<0.21	1.1	<0.35	1.9	9.6	<0.15	0.52	2.9	<0.23	<0.27	<0.27	<0.27
	6/27/2007	<0.26	<0.35	<0.24	<0.30	<0.36	0.43	<0.36	<0.30	1.2	2.2	<0.19	<0.21	1.5	<0.35	<0.38	1.5	<0.16	<0.38	0.57	<0.24	<0.27	<0.27	<0.27
	9/26/2007	<0.26	<0.36	<0.25	<0.31	<0.36	<0.40	<0.36	<0.30	4.8	0.85	<0.19	<0.21	1.8	<0.36	1.1	4.9	<0.16	1.1	1.9	<0.24	<0.27	<0.27	<0.27
	12/21/2007	<0.24	<0.33	<0.23	2.2	<0.34	<0.38	<0.34	<0.28	2.7	<0.38	<0.18	<0.2	0.71	<0.33	0.75	3.6	<0.15	<0.36	1.2	<0.22	<0.26	<0.26	<0.26
	6/5/2008	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	1.4	<0.36	<0.17	<0.19	0.94	<0.32	0.56	2	<0.14	<0.35	0.64	<0.22	<0.25	<0.25	<0.25
	12/29/2008	<0.23	<0.31	<0.21	3.8	<0.31	<0.35	<0.31	<0.26	8.3	<0.35	<0.17	<0.18	5.1	<0.31	1.7	7.1	<0.14	<0.33	1.9	<0.21	<0.24	<0.24	<0.24

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-34-23 (VW-34-I)	1998 1stQ	0.77	110	--	--	--	--	--	--	--	--	--	3.1	--	--	--	--	2.8	--	--	1.2	--	--	--	0.58	--	15	--
	1998 2ndQ	--	60	--	--	--	--	--	--	--	--	--	7.1	--	--	--	--	8.4	--	--	--	--	2	--	0.89	--	4.9	--
	1998 3rdQ	3.1	110	--	--	--	--	--	--	--	--	--	2.7	--	--	--	--	1.7	--	--	4.1	--	--	--	1.1	--	4.7	--
	1998 4thQ	0.93	85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9	--	--	--	--	--	--	1.4	--	0.98	--
	1999 1stQ	ND	26	--	--	--	--	--	ND	ND	ND	ND	3.7	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	2	ND	0.86	ND
	1999 2ndQ	ND	18	--	--	--	--	--	ND	ND	ND	ND	4.5	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	1.6	ND	0.71	ND
	1999 3rdQ	ND	7.2	--	--	--	--	--	ND	ND	ND	ND	2.7	ND	ND	ND	ND	1.3	ND	ND	2.7	ND	31	ND	1.6	ND	0.64	ND
	1999 4thQ	0.57	13	--	--	--	--	--	ND	ND	ND	ND	3.3	ND	ND	ND	ND	ND	ND	ND	2.8	ND	21	ND	1.5	ND	0.62	ND
	2000 1stQ	0.66	8.6	--	--	--	--	--	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	ND	1.2	ND	0.57	ND
	2000 2ndQ	--	27	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.9	<0.71	<1	<1.2	<0.52	5.4	<1	<0.99	<1.1	<1.1	2.5	<1	0.92	<0.99	<0.73	<1.3
	2000 3rdQ	<0.5	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.1	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	2.4	<1.1	4.6	<1	0.92	<0.99	<0.73	<1.3
	2000 4thQ	0.66	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.1	<0.71	<1	1.2	0.42	2.4	<1	<0.99	2	<1.1	4.1	<1	0.98	<0.99	<0.73	<1.3
	12/27/2005	2.7	<1.7	<0.17	21.5	78.1	<0.17	0.345	<0.81	<0.65	<0.43	<0.63	22 M,J6,C	<0.30	<0.42	1.2	<0.22	<0.54	<0.42	<0.41	<0.46	<0.47	1.9	<0.42	<0.34	<0.41	<0.31	7.3 C
	12/12/2006	2.5	<1.7	<0.17	22.1	77.8	<0.17	<0.17	<0.80	<0.65	<0.43	<0.63	13	<0.30	<0.42	<0.48	<0.22	<0.53	<0.42	<0.41	<0.46	<0.47	1.2	<0.42	<0.34	<0.41	<0.30	3.1
	12/12/2006 Dup	2.5	<1.7	<0.17	22.2	77.8	<0.17	<0.17	<0.82	<0.67 V	<0.44	<0.64	12	<0.30	<0.43	<0.49	<0.22	<0.55	<0.43	<0.42	<0.47	<0.48	0.81	<0.43	<0.35	<0.42	<0.31	2.1
	3/13/2007	2.2	<1.7	<0.17	21.6	77.9	<0.17	0.468	<0.82	<0.66	<0.44	<0.64	12 M	<0.30	<0.43	<0.49	<0.22	<0.54	<0.43	<0.42	<0.47	<0.48	1.9	<0.43	<0.35	<0.42	<0.31	**35**
	6/27/2007	1.8	<1.4	<0.14	21.7	77.9	<0.14	0.4	<0.70	<0.56	<0.37	<0.55	9.1	0.27	<0.36	<0.41	<0.19	<0.46	<0.36	<0.36	<0.40	<0.41	1.1	<0.36	<0.29	<0.36	<0.26	2.5
	9/26/2007	1.8	<1.7	<0.17	21.9	77.8	<0.17	0.238	<0.81	<0.66	<0.43	<0.64	25 M	<0.33	<0.42	<0.48	<0.22	1.4	<0.42	<0.42	<0.47	<2.4	2.8	<0.42	<0.34	<0.42	<0.31	**14**
	12/21/2007	1.9	<1.6	<0.16	22	77.8	<0.16	<0.16	<0.77 V	<0.62 V	<0.41	<0.6	6.8 M	0.41	<0.4	<0.45	<0.21	<0.51	<0.4	<0.39	<0.44	<2.2	<0.54	<0.4	<0.32	<0.39	<0.29	2.1
	12/21/2007 Dup	2.5	<1.6	<0.16	21.8	77.9	<0.16	0.275	<0.75 V	<0.61 V	<0.40	<0.59	9.1 M	<0.28	<0.39	<0.45	<0.20	<0.50	<0.39	<0.38	<0.43	<2.2	1.1	<0.39	<0.32	<0.38	<0.28	1.6
	6/5/2008	1.7	<2.4	<0.24	22.1	77.8	<0.24	<0.24	<0.7	<0.56	<0.37	<0.55	14	0.27	<0.36	<0.41	<0.19	<0.46	<0.36	<0.36	<0.4	<2	1.0	<0.36	<0.29	<0.36	<0.26	3.9
	12/29/2008	2.1	<1.6	<0.16	22	77.9	<0.16	<0.16	<0.7	<0.56	<0.37	<0.55	10	<0.26	<0.36	0.48	<0.19	0.83	<0.36	<0.36	<0.4	<2	3	<0.36	<0.29	<0.36	<0.26	1.7
VW-34-40 (VW-34-D)	1998 1stQ	1.2	85	--	--	--	--	--	--	--	--	--	4.2	--	--	--	--	1.9	--	--	1.3	--	--	--	1.8	--	9	--
	1998 2ndQ	0.77	60	--	--	--	--	--	--	--	--	--	3.8	--	--	--	--	2.3	--	--	--	--	--	--	2.1	--	2.5	--
	1998 3rdQ	1.4	110	--	--	--	--	--	1.3	--	--	--	3.4	--	--	--	--	18	--	--	3.3	--	--	--	2	--	0.5	--
	1998 4thQ	1.2	91	--	--	--	--	--	--	--	--	--	5.7	--	--	--	--	3	--	--	--	--	3.4	--	1.7	--	--	--
	1999 1stQ	0.89	29	--	--	--	--	--	ND	ND	ND	ND	6.4	ND	ND	ND	ND	0.84	ND	ND	ND	ND	1.2	ND	2.4	ND	ND	ND
	1999 2ndQ	0.85	22	--	--	--	--	--	ND	ND	ND	ND	8.6	ND	ND	ND	ND	3.5	ND	ND	ND	ND	0.91	ND	2.3	ND	ND	ND
	1999 3rdQ	0.74	9.2	--	--	--	--	--	ND	ND	ND	ND	3.1	ND	ND	ND	ND	2	ND	ND	4	ND	13	ND	2.6	ND	ND	ND
	1999 4thQ	0.96	16	--	--	--	--	--	ND	ND	ND	ND	3.1	ND	ND	ND	ND	6	ND	ND	2.9	ND	20	ND	3	ND	ND	ND
	2000 1stQ	0.81	15	--	--	--	--	--	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND
	2000 2ndQ	1	30	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.1	<0.71	<1	<1.2	<0.52	1.8	<1	<0.99	<1.1	<1.1	1.7	<1	2.3	<0.99	<0.73	<1.3
	2000 3rdQ	1	15	--	--	--	--	--	<1.9	<1.6	<1	<1.5	23	<0.71	<1	<1.2	<0.52	4.6	<1	<0.99	3.2	<1.1	14	<1	2.2	<0.99	<0.73	0.86
	2000 4thQ	0.78	13	--	--	--	--	--	<1.9	<1.6	<1	<1.5	16	<0.71	<1	<1.2	0.41	<1.3	<1	<0.99	1.5	2.1	3.7	<1	2.3	<0.99	<0.73	<1.3
	12/27/2005	3.3	5.2 J8	<0.17	16.7	79.8	<0.17	3.54	<4.0	<3.3	<2.2	<3.2	140 J8,C	<1.5	<2.1	<2.4	<1.1	<2.7	<2.1	<2.1	<2.3	<2.4	<2.8	<2.1	<1.7	<2.1	<1.5	**19 C**
	12/27/2005 Dup	2.6	<1.8 UJ8	<0.18	17.4	79.6	<0.18	2.99	<4.2	<3.4	<2.3	<3.3	30 M,J6,J8,C	<1.6	<2.2	<2.5	<1.1	<2.8	<2.2	<2.2	<2.4	<2.5	4.1	<2.2	<1.8	<2.2	<1.6	**23 C**
	6/8/2006	0.75	6	<0.15	5.25	83	<0.15	11.7	<0.73	<0.59	<0.39	<0.57	5.8	<0.27	<0.38	<0.43	0.26	<0.48	<0.38	<0.37	<0.42	1.5	1.5	<0.38	1.2	<0.37	<0.28	4.3
	12/12/2006	0.87	5.4	<0.17	4.87	83.1	<0.17	12	<0.80	<0.65	<0.43	<0.63	4.2	<0.29	<0.42	<0.48	0.29	<0.53	<0.42	<0.41	<0.46	<0.47	<0.56	<0.42	1.3	<0.41	<0.30	5.4
	3/13/2007	0.88	9.2	<0.16	4.02	83.2	<0.16	12.7	<0.78	<0.63	<0.41	<0.61	9.8 M	<0.29	<0.41	<0.46	0.21	<0.52	<0.41	<0.40	<0.45	<0.46	1.7	<0.41	1.1	<0.40	<0.30	**43**
	3/13/2007 Dup	0.81	11	<0.16	3.98	83.2	<0.16	12.8	<0.77	<0.62	<0.41	<0.60	5.3 M	<0.28	<0.40	<0.45	0.21	<0.51	<0.40	<0.39	<0.44	<0.45	1.2	<0.40	1.2	<0.39	<0.29	**34**
	6/27/2007	<0.77	7.9	<0.15	3.9	83.2	<0.15	12.9	<0.75	<0.60	<0.40	<0.58	8.5	<0.27	<0.39	<0.44	0.26	10	<0.39	<0.38	<0.43	1.4	3.2	<0.39	1.3	<0.38	<0.28	**23**
	9/26/2007	<0.84	3	<0.17	15.2	76.4	<0.17	8.42	<0.81	<0.66	<0.43	<0.64	15 M	<0.30	<0.42	<0.48	0.39	0.55	<0.42	<0.42	<0.47	<2.4	2.8	<0.42	<0.34	<0.42	<0.31	**55**
	12/21/2007	1.3	4.3	<0.15	7.34	82	<0.15	10.6	<0.71 V	<0.58 V	<0.38	<0.56	5.7 M	<0.26	<0.37	<0.42	<0.19	1.9	<0.37	<0.36	<0.41	<2.1	0.51	<0.37	0.83	<0.36	<0.27	3.2
	6/5/2008	0.86	9.7	<0.13	5.7	82.4	<0.13	11.9	<2.9	<2.3	<1.5	<2.2	14	<1.1	<1.5	<1.7	<0.77	<1.9	<1.5	<1.5	<1.6	<8.4	<2	<1.5	1.6	<1.5	<1.1	6.1
	6/5/2008 Dup	<0.81	8.7	<0.16	5.93	82.3	<0.16	11.7	<0.69	<0.56	<0.37	<0.54	5.6	<0.25	<0.36	<0.41	0.21	1.3	<0.36	<0.35	<0.4	<2	0.73	<0.36	1.5	<0.35	<0.26	6.5
	12/29/2008	1	9	<0.17	5.51	82.5	<0.17	11.9	<0.73	<0.59	<0.39	<0.57	7	<0.27	<0.38	<0.43	0.23	<0.48	<0.38	<0.37	<0.42	<2.1	0.94	<0.38	1.4	<0.37	<0.28	3.2
VW-35-10 (VW-35-S)	1998 1stQ	2.9	25	--	--	--	--	--	--	--	--	--	11	1.3	--	3	0.86	11	--	--	--	--	--	--	6.4	1.6	260	--
	1998 2ndQ	1	27	--	--	--	--	--	--	--	--	--	6.3	--	--	--	--	15	--	--	--	--	--	--	--	--	49	--
	1998 3rdQ	1	67	--	--	--	--	--	--	--	--	--	5.1	1.1	--	--	0.63	2.4	--	--	5.5	--	0.99	--	0.67	--	19	--
	1998 4thQ	0.53	50	--	--	--	--	--	--	--	--	--	14	--	--	--	--	--	--	--	3.4	--	--	--	--	--	12	--
	1999 1stQ	ND	23	--	--	--	--	--	ND	ND	ND	ND	9.4	0.68	ND	ND	0.41	ND	ND	ND	ND	ND	1.6	ND	ND	ND	6.1	ND
	1999 2ndQ	ND	4.8	--	--	--	--	--	ND	ND	ND	ND	6.3	0.69	ND	0.77	0.34	2.5	ND	ND	ND	ND	0.98	ND	ND	ND	6.2	ND
	1999 3rdQ	ND	2.8	--	--	--	--	--	ND	ND	ND	ND	4.3	0.73	ND	0.77	0.34	1.5	ND	ND	4.3	ND	3.7	ND	ND	ND	7.3	ND
	1999 4thQ	ND	6.7	--	--	--	--	--	ND	ND	ND	ND	4.6	0.71	ND	ND	ND	2.3	ND	ND	2.7	ND	11	ND	ND	ND	7.5	ND
	2000 1stQ	2.5	8.8	--	--	--	--	--	ND	ND	ND	ND	ND	0.87	ND	ND	0.89	1.7	ND	0.74	ND	ND	ND	ND	21	ND	3	ND
	2000 2ndQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	6.1	0.55	ND	ND	ND	3.8	ND	ND	ND	ND	1.5	ND	ND	ND	3.2	ND
	2000 3rdQ	<0.5	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	9.4	0.61	<1	<1.2	<0.52	9.4	<1	<0.99	<1.1	1.5	3.4	<1	1.2	<0.99	3.6	<1.3
	2000 4thQ	<0.5	7.7	--	--	--	--	--	<1.9	<1.6	<1	<1.5	12	0.62	<1	<1.2	<0.52	4.1	<1	<0.99	2.6	<1.1	2.3	<1	0.85	<0.99	4.5	<1.3
	12/22/2005	1.9	4.6	<0.13	13.7	81.3	<0.13	5	<0.61 UJ2	<0.49 UJ2	<0.32 UJ2	<0.47 UJ2	6.7 M,J2,J6,C	0.47 J2	<0.32 UJ2	<0.36 UJ2	0.20 J2	<0.40 UJ2	<0.32 UJ2	<0.31 UJ2	<0.35 UJ2	<0.36 UJ2	0.96 J2	<0.32 UJ2	<0.26 UJ2	<0.31 UJ2	1.3 J2	2.5 J2,C
	12/12/2006	<0.81	2.1	<0.16	13.9	79.8	<0.16	6.34	<0.78	<0.63	<0.41	<0.61	4.1	0.31	<0.41	<0.46	<0.21	<0.52	<0.41	<0.40	<0.45	<0.46	<0.55	<0.41	<0.33	<0.40	1.5	4.1
	3/13/2007	<0.80	6.9	<0.16	15	79.4	<0.16	5.5	<3.9	<3.1	<2.1	<3.0	22	<1.4	<2.0	<2.3	<1.0	13	<2.0	<2.0	<2.2	<2.3	6.6	<2.0	<1.6	<2.0	<1.5	**130**
	6/30/2007	1.6	6.2	<0.16	14.3	79.1	<0.16	6.54	<0.79	<0.64	<0.42	<0.62	3.9 *,M	0.35	<0.41	<0.47	<0.21	1.4	<0.41	<0.40	<0.45	<0.46	0.99	<0.41	<0.33	<0.40	1.4	**12**
	9/20/2007	<0.75	3.2	<0.15	13.7	78.8	<0.15	7.56	<0.73	<0.59	<0.39	<0.57	6.7 M	0.37	<0.38	<0.43	<0.20	<0.48	<0.38	<0.37	<0.42	<2.1	0.95	<0.38	<0.31	<0.37	2.2	0.62
	12/21/2007	1.2	<1.3	<0.13	18.1	78.1	<0.13	3.8	<0.62 V	<0.5 V	<0.33	<0.48	180	0.26	<0.32	<0.37	<0.17	0.85	<0.32	<0.31	<0.35	<1.8	0.72	<0.32	<0.26	<0.31	0.65	1.3
	6/6/2008	<0.88	5	<0.18	16.1	78.6	<0.18	5.34	<0.74	<0.6	<0.39	<0.58	5.9	0.27	<0.38	<0.44	<0.2	<0.49	<0.38	<0.38	<0.42	<2.2	0.89	<0.38	<0.31	<0.38	0.81	4.8
	6/6/2008 Dup	<0.89	6.3	<0.18	15.6	78.6	<0.18	5.79	<0.74	<0.6	<0.39	<0.58	5.7	0.29	<0.39	0.52	<0.2	<0.49	<0.39	<0.38	<0.42	<2.2	0.54	<0.39	<0.31	<0.38	1	4
	12/29/2008	<0.87	6.5	<0.17	15.4	78.5	<0.17	6.11	<1	<0.84	<0.55	<0.81	<4.5	<0.38	<0.54	<0.62	<0.28	<0.69	<0.54	<0.53	<0.59	<3	0.81	<0.54	<0.44	<0.53	1.1	6.1
VW-35-38 (VW-35-D)	1998 1stQ	5.3	85	--	--	--	--	--	--	--	--	--	46	--	--	--	--	--	--	--	--	--	--	--	**41**	--	16	--
	1998 2ndQ	3.7	63	--	--	--	--	--	--	--	--	--	3.4	1.2	--	--	1.1	1.9	--	2.5	--	--	--	--	**50**	2.3	11	--
	1998 3rdQ	7.8	95	--	--	--	--	--	--	--	--	--	2.3	0.95	--	--	0.98	1.2	--	2.1	5	--	--	--	**43**	3.5	4.9	1.6
	1998 4thQ	7.8	86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**23**	--	--	--
	1999 1stQ	7.5	21	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**27**	ND	ND	ND
	1999 2ndQ	4.6	12	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	**29**	ND	3.9	ND
	1999 3rdQ	3.5	7.8	--	--	--	--	--	ND	ND	ND	ND	6.3	0.92	ND	ND	1.2	2	ND	1.3	6.9	ND	6.7	0.83	**31**	ND	3.8	1.2
	1999 4thQ	2.9	17	--	--	--	--	--	ND	ND	ND	ND	27	0.94	ND	ND	1.1	3	ND	1	1.9	ND	3.2	ND	**25**	ND	3.6	0.95
	2000 1stQ	ND	3.4	--	--	--	--	--	1.5	ND	ND	ND	4.6	0.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	2.5	21	--	--	--	--	--	<1.9	<1.6	<1	<1.5	15	0.77	<1	<1.2	0.83	17	<1	<0.99	0.92	<1.1	8.2	<1	**20**	<0.99	3	<1.3
	2000 3rdQ	2.6	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.1	0.74	<1	<1.2	0.95	<1.3	<1	0.78	<1.1	<1.1	0.91	<1	**24**	<0.99	3.3	<1.3

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-34-23 (VW-34-I)	1998 1stQ	--	--	--	--	--	--	--	--	3.3	--	--	--	9	--	--	2.4	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	2.4	--	--	--	9.2	--	--	0.91	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	0.88	--	--	--	9.2	--	--	1.7	--	--	0.94	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	7.6	ND	0.83	4.1	ND	ND	2.9	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	7.6	ND	0.59	2.5	ND	ND	1.1	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	7.7	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	5.8	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	4.8	<0.98	<0.47	<0.52	6.8	<0.87	0.97	4.5	<0.39	<0.94	1.8	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.3	<0.98	<0.47	<0.52	7.6	<0.87	0.65	2.7	<0.39	<0.94	0.95	<0.58	<0.67	<0.67	<0.67
	12/27/2005	<0.27	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	17 C	<0.41	<0.2	<0.22	<0.25	<0.36	2.3 C	9.7 C	<0.16	<0.39	3.4 C	<0.24	<0.28	<0.28	<0.28
	12/12/2006	<0.26	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.30	2.9	<0.41	<0.19	<0.22	<0.24	<0.36	<0.35	1.5	<0.16	<0.39	0.52	<0.24	<0.28	<0.28	<0.28
	12/12/2006 Dup	<0.27	<0.37	<0.25	<0.32	<0.37	<0.41	<0.37	<0.31	2.7	<0.42	<0.20	<0.22	<0.25	<0.37	<0.39	1.5	<0.16	<0.40	0.52	<0.25	<0.28	<0.28	<0.28
	3/13/2007	<0.27	<0.37	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	1.6	<0.41	<0.20	<0.22	<0.25	<0.37	<0.39	1.1	<0.16	<0.40	<0.39	<0.25	<0.28	<0.28	<0.28
	6/27/2007	<0.23	<0.31	<0.22	<0.27	<0.32	<0.35	<0.32	<0.26	2	<0.35	<0.17	<0.19	<0.21	<0.31	<0.33	1.1	<0.14	<0.34	0.37	<0.21	<0.24	<0.24	<0.24
	9/26/2007	<0.27	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	4	<0.41	<0.20	<0.22	<0.25	<0.36	0.51	1.8	<0.16	<0.39	0.66	<0.24	<0.28	<0.28	<0.28
	12/21/2007	<0.25	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	4.9	<0.39	<0.19	<0.21	0.25	<0.34	0.89	3.6	<0.15	<0.37	1.2	<0.23	<0.26	<0.26	<0.26
	12/21/2007 Dup	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.28	2.4	<0.38	<0.18	<0.20	<0.23	<0.34	0.38	1.74	<0.15	<0.36	0.57	<0.23	<0.26	<0.26	<0.26
	6/5/2008	<0.23	<0.31	<0.21	<0.27	<0.32	<0.35	<0.32	<0.26	1.6	<0.35	<0.17	<0.19	<0.21	<0.31	0.48	2	<0.14	<0.34	0.64	<0.21	<0.24	<0.24	<0.24
	12/29/2008	<0.23	<0.31	<0.21	0.53	<0.32	<0.35	<0.32	<0.26	3.5	<0.35	<0.17	<0.19	0.36	<0.31	0.61	2.5	<0.14	<0.34	0.79	<0.21	<0.24	<0.24	<0.24
VW-34-40 (VW-34-D)	1998 1stQ	--	--	--	5.6	--	--	--	--	3.4	--	--	--	5.9	--	0.66	2.7	--	--	0.61	--	--	--	--
	1998 2ndQ	--	--	--	6	--	--	--	--	--	--	--	--	8	--	--	0.9	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	4.1	--	1.3	--	--	2.7	--	--	--	6.3	--	--	1.4	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	3.2	--	--	--	--	0.77	--	--	--	4.6	--	--	0.69	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	3.7	ND	ND	ND	ND	ND	ND	ND	ND	7.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	4.3	ND	ND	ND	ND	3	ND	ND	ND	8.9	ND	0.8	3.9	ND	ND	2.6	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	4.8	ND	ND	ND	ND	2.7	ND	ND	ND	9.3	ND	0.59	2.4	ND	ND	1	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	5.9	ND	ND	ND	ND	1.4	ND	ND	ND	10	ND	1.3	3.6	ND	ND	1.5	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	5.6	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	8.4	<0.87	<0.92	0.58	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	7.2	<0.88	<0.98	<0.88	<0.73	5	<0.98	<0.47	<0.52	10	<0.87	1.1	4.9	<0.39	<0.94	2	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	7.2	<0.88	<0.98	<0.88	<0.73	3.2	<0.98	<0.47	<0.52	12	<0.87	0.6	2.5	<0.39	<0.94	0.83	<0.58	<0.67	<0.67	<0.67
	12/27/2005	<1.3	<1.8	<1.2	<1.6	<1.8	<2.0	<1.8	<1.5	680 J8,C	<2.0	<0.98	**<1.1 UJ9**	<1.2	<1.8	3.8 J8,C	14 J8	<0.81	<2.0	3.9 J8,C	<1.2	<1.4	<1.4	<1.4
	12/27/2005 Dup	<1.4	<1.9	<1.3	<1.6	<1.9	<2.1	<1.9	<1.6	90 J8,C	<2.1	<1.0	**<1.1 UJ9**	<1.3	<1.9	12 J8,C	49 J8	<0.85	<2.1	16 J8,C	<1.3	<1.5	<1.5	<1.5
	6/8/2006	<0.24	<0.32	<0.22	3.7	<0.33	<0.37	<0.33	<0.28	1.2	<0.37	<0.18	<0.20	1.4	<0.33	0.54	1.4	<0.15	<0.35	0.59	<0.22	<0.25	<0.25	<0.25
	12/12/2006	<0.26	<0.36	<0.25	5	<0.36	<0.40	<0.36	<0.30	1.2	<0.40	<0.19	<0.21	3.4	<0.36	<0.38	1.5	<0.16	<0.39	0.53	<0.24	<0.27	<0.27	<0.27
	3/13/2007	<0.26	<0.35	<0.24	4.6	<0.35	<0.39	<0.35	<0.30	5.7	0.61	<0.19	<0.21	3.2	<0.35	1.3	5.1	<0.16	0.44	1.7	<0.23	<0.27	<0.27	<0.27
	3/13/2007 Dup	<0.25	<0.34	<0.24	4.9	<0.35	<0.39	<0.35	<0.29	5.2	0.48	<0.19	<0.21	3.4	<0.34	1.2	5.2	<0.15	0.48	1.7	<0.23	<0.26	<0.26	<0.26
	6/27/2007	<0.24	<0.33	<0.23	5.7	<0.34	<0.38	<0.34	<0.28	0.97	1.9	<0.18	<0.20	3.8	<0.33	<0.35	1.5	<0.15	<0.36	0.57	<0.22	<0.26	<0.26	<0.26
	9/26/2007	<0.27	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	4.2	0.71	<0.20	<0.22	1.3	<0.36	0.86	3.8	<0.16	1.1	1.5	<0.24	<0.28	<0.28	<0.28
	12/21/2007	<0.23	<0.32	<0.22	3.9	<0.32	<0.36	<0.32	<0.27	1.7	<0.36	<0.17	<0.19	2.2	<0.32	0.62	2.4	<0.14	<0.35	0.78	<0.21	<0.24	<0.24	<0.24
	6/5/2008	<0.94	<1.3	<0.89	2.9	<1.3	<1.4	<1.3	<1.1	2.4	<1.4	<0.7	<0.77	2.6	<1.3	<1.4	4.1	<0.57	<1.4	1.5	<0.86	<0.99	<0.99	<0.99
	6/5/2008 Dup	<0.23	<0.31	<0.21	2.7	<0.31	<0.35	<0.31	<0.26	1.9	<0.35	<0.17	<0.19	2.5	<0.31	0.85	3.6	<0.14	<0.33	1.3	<0.21	<0.24	0.24	<0.24
	12/29/2008	<0.24	<0.33	<0.22	3.7	<0.33	<0.37	<0.33	<0.28	9.4	0.37	<0.18	<0.2	2.1	<0.33	2.3	9.7	<0.15	<0.35	2.8	<0.22	<0.25	<0.25	<0.25
VW-35-10 (VW-35-S)	1998 1stQ	--	--	4.1	44	--	--	--	--	--	--	1.3	--	6.6	--	--	--	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	50	--	--	--	--	--	--	--	--	2.9	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	67	--	--	--	--	3.7	--	--	--	3.6	--	--	1.4	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	66	--	--	--	--	--	--	--	--	4.8	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	44	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	41	ND	ND	ND	ND	2.3	ND	ND	ND	8.2	ND	ND	2.2	ND	ND	0.69	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	38	ND	ND	ND	ND	1.3	ND	ND	ND	4.4	ND	ND	2	ND	ND	1.4	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	27	ND	ND	ND	ND	3.1	ND	ND	ND	6.1	ND	0.69	2.9	ND	ND	1.5	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	**980**	ND	ND	ND	ND	2.4	ND	ND	ND	41	ND	0.75	7.6	ND	ND	5.2	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	14	<0.88	0.98	<0.88	<0.73	8.9	<0.98	<0.47	<0.52	5.5	<0.87	4.7	16	<0.39	<0.94	5.6	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	11	<0.88	<0.98	<0.88	<0.73	5.1	<0.98	<0.47	<0.52	4.5	<0.87	0.93	3.6	<0.39	<0.94	1.2	<0.58	<0.67	<0.67	<0.67
	12/22/2005	<0.20 UJ2	<0.27 UJ2	<0.19 UJ2	9.7 J2	<0.28 UJ2	<0.31 UJ2	<0.28 UJ2	<0.23 UJ2	17 J2,C	<0.31 UJ2	<0.15 UJ2	<0.16 UJ2	5.7 J2	0.71 J2	6.9 J2,C	29 J2,C	<0.12 UJ2	0.39 J2	12 J2,C	<0.18 UJ2	<0.21 UJ2	0.43 J2	0.68 J2
	12/12/2006	<0.26	<0.35	<0.24	9.2	<0.35	<0.39	<0.35	<0.30	1.4	<0.39	<0.19	<0.21	5	<0.35	0.39	1.9	<0.16	<0.38	0.68	<0.23	<0.27	<0.27	<0.27
	3/13/2007	<1.3	<1.7	<1.2	5.7	<1.8	<2.0	<1.8	<1.5	3.5	<2.0	<0.94	**<1.0 UJ9**	2.5	<1.7	<1.8	2.9	<0.77	<1.9	<1.8	<1.2	<1.3	<1.3	<1.3
	6/30/2007	<0.26	<0.35	<0.24	14	<0.36	<0.40	<0.36	<0.30	0.89	<0.40	<0.19	<0.21	6.6	2.4	0.57	2.5	<0.16	<0.38	0.91	<0.24	<0.27	1.7	3.1
	9/20/2007	<0.24	<0.32	<0.22	11	<0.33	<0.37	<0.33	<0.28	3.6	<0.37	<0.18	<0.20	6.2	<0.33	0.41	1.7	<0.15	0.65	0.6	<0.22	<0.25	<0.25	<0.25
	12/21/2007	<0.2	<0.27	<0.19	3.2	<0.28	<0.31	<0.28	<0.23	2.2	<0.31	<0.15	<0.17	2	<0.28	0.48	1.9	<0.12	<0.3	0.58	<0.19	<0.21	<0.21	<0.21
	6/6/2008	<0.24	<0.33	<0.23	5.2	<0.34	<0.37	<0.34	<0.28	1.1	<0.37	<0.18	<0.2	2.7	<0.33	0.44	1.5	<0.15	<0.36	0.52	<0.22	<0.25	<0.25	<0.25
	6/6/2008 Dup	<0.24	<0.33	<0.23	7.9	<0.34	<0.37	<0.34	<0.28	1.5	<0.37	<0.18	<0.2	4.6	<0.33	0.5	2	<0.15	<0.36	0.67	<0.22	<0.25	<0.25	<0.25
	12/29/2008	<0.34	<0.46	<0.32	4.3	<0.47	<0.52	<0.47	<0.39	5.7	<0.52	<0.25	<0.28	4.5	<0.47	1.2	4.6	<0.21	<0.5	1.2	<0.31	<0.36	<0.36	<0.36
VW-35-38 (VW-35-D)	1998 1stQ	--	--	--	**1600**	--	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	**1500**	--	--	--	--	--	--	--	--	28	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	**1200**	--	--	--	--	2.6	--	--	--	42	--	--	1.2	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	**1700**	--	--	--	--	--	--	--	--	34	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	**1300**	ND	ND	ND	ND	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	**1200**	ND	ND	ND	ND	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	**850**	ND	5.3	ND	ND	9.9	ND	ND	ND	47	ND	1.7	7.1	ND	ND	3.2	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	**730**	ND	5.1	ND	ND	17	1.1	ND	ND	66	ND	1.6	5.8	ND	ND	2.4	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	14	ND	ND	ND	ND	1	ND	ND	ND	3.1	ND	ND	1.2	ND	ND	0.63	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	**830**	<0.88	<0.98	<0.88	<0.73	0.86	<0.98	<0.47	<0.52	38	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	**980**	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	42	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-35-38 (VW-35-D)	2000 4thQ	2.1	12	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	20	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	5	<5.4	<5	**23**	<4.9	2.8	<6.3
	12/22/2005	2.7	3.9	<0.13	12.5	81	<0.13	6.5	<2.1 UJ2	<1.7 UJ2	<1.1 UJ2	<1.6 UJ2	43 J2,C	<0.77 UJ2	<1.1 UJ2	<1.2 UJ2	<0.56 UJ2	<1.4 UJ2	<1.1 UJ2	<1.1 UJ2	<1.2 UJ2	<1.2 UJ2	2.6 J2	<1.1 UJ2	12 J2	<1.1 UJ2	<0.79 UJ2	4.6 J2,C
	12/12/2006	2.3	4.6	<0.15	5.9	81.3	<0.15	12.7	<29	**<23 UJ9**	<15	<23	<130	<11	<15	<17	<7.8	<19	<15	<15	<17	<17	<20	<15	19	<15	<11	**<19 UJ9**
	3/13/2007	2.4	8.4	<0.16	6.8	81.2	<0.16	12	<20	**<16 UJ9**	<11	<16	<86	<7.3	<10	<12	<5.4	<13	<10	<10	<11	<12	<14	<10	**23**	<10	<7.5	**16**
	6/30/2007	1.9	1.8	<0.16	16	79.1	<0.16	4.86	<7.9	<6.4	<4.2	<6.2	36 *	<2.9	<4.1	<4.7	<2.1	<5.2	<4.1	<4.0	<4.5	<4.6	<5.5	<4.1	8	<4.0	<3.0	**18**
	9/20/2007	1.5	2.7	<0.16	13.1	79.7	<0.16	7.15	<11	<9.1	<6.0	<8.8	<49	<4.1	<5.9	<6.7	<3.0	<7.5	<5.9	<5.8	<6.5	<33	<7.9	<5.9	13	<5.8	<4.3	<7.3
	9/20/2007 Dup	1.5	3.2	<0.15	12.7	79.7	<0.15	7.59	<12	<9.9	<6.5	<9.6	<53	<4.5	<6.4	<7.3	<3.3	<8.1	<6.4	<6.3	<7.0	<36	<8.6	<6.4	13	<6.3	<4.6	<7.9
	12/21/2007	2.4	<1.4	<0.14	21.8	77.9	<0.14	0.298	<0.7 V	<0.56 V	<0.37	<0.55	8.8 M	0.26	<0.36	<0.41	<0.19	<0.46	<0.36	<0.36	<0.4	<2	0.73	<0.36	<0.29	<0.36	<0.26	1.9
	6/6/2008	1.8	5.3	<0.18	14.4	79.5	<0.18	6.03	<0.74	<0.59	<0.39	<0.58	14	0.29	<0.38	<0.44	<0.2	<0.49	<0.38	<0.38	<0.42	<2.2	2.2	<0.38	6	<0.38	<0.28	**33**
	12/29/2008	1.5	9	<0.17	8.22	80.4	<0.17	11.4	<7.2	<5.8	<3.8	<5.6	<31	<2.6	<3.8	<4.3	<1.9	<4.8	<3.8	<3.7	<4.1	<21	<5	<3.8	12	<3.7	<2.7	<4.7
VW-35-Ambient	6/30/2007	1.8	<1.6	<0.16	22.2	77.7	<0.16	<0.16	<0.78	<0.63	<0.41	<0.61	6.5*	<0.28	<0.40	<0.46	<0.21	<0.51	<0.40	<0.40	<0.44	1.8 M	0.84	<0.40	<0.33	<0.40	<0.29	<0.50
VW-36-10 (VW-36-S)	1998 1stQ	2.8	16	--	--	--	--	--	0.86	--	--	--	36	1.3	--	0.63	0.24	4	--	--	3.6	--	0.94	--	7.8	1.3	20	0.61
	1998 2ndQ	2	21	--	--	--	--	--	--	--	--	--	6.2	0.65	--	--	--	8.7	--	--	--	--	--	--	0.93	--	9.9	--
	1998 3rdQ	2	59	--	--	--	--	--	1.4	--	--	--	5	0.71	--	--	--	4.9	--	--	7.9	--	1.5	--	--	2.1	3.1	0.94
	1998 4thQ	1.7	34	--	--	--	--	--	--	--	--	--	6.1	0.61	--	--	--	6.6	--	--	2.6	--	1.3	--	--	--	0.54	1.1
	1999 1stQ	0.76	2.9	--	--	--	--	--	ND	ND	ND	ND	5.1	ND	ND	ND	ND	ND	ND	ND	2	ND	1.2	ND	ND	ND	ND	1.2
	1999 2ndQ	ND	17	--	--	--	--	--	ND	ND	ND	ND	7.7	ND	ND	ND	ND	3	ND	ND	3	ND	1.2	ND	ND	ND	ND	0.88
	1999 3rdQ	ND	2.3	--	--	--	--	--	ND	ND	ND	ND	7.8	ND	ND	ND	ND	5.8	ND	ND	4.2	ND	9.3	ND	ND	ND	ND	ND
	1999 4thQ	ND	7	--	--	--	--	--	1.7	ND	ND	ND	23	ND	ND	ND	ND	ND	ND	ND	3.6	ND	22	ND	ND	ND	ND	2
	2000 1stQ	ND	2.2	--	--	--	--	--	ND	ND	ND	ND	3.9	ND	ND	ND	ND	1.8	ND	ND	0.91	ND	0.94	ND	ND	ND	ND	ND
	2000 2ndQ	ND	8.1	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	4.3	ND	4.2	ND	ND	ND	ND	ND
	2000 3rdQ	<0.5	10	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.4	<0.71	<1	<1.2	<0.52	5	<1	<0.99	4	<1.1	4.7	<1	<0.82	<0.99	<0.73	0.84
	2000 4thQ	<0.5	6.2	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.4	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	3.4	<1.1	7.3	<1	<0.82	<0.99	<0.73	0.99
	12/28/2005	0.76 J7	4.3	<0.15	16.1	78.7	<0.15	5.26	<2.9 UJ2	<2.3 UJ2	<1.5 UJ2	<2.2 UJ2	100 J2,C	2.5 J2	<1.5 UJ2	<1.7 UJ2	<0.77 UJ2	<1.9 UJ2	<1.5 UJ2	<1.5 UJ2	<1.6 UJ2	<1.7 UJ2	<2.0 UJ2	<1.5 UJ2	<1.2 UJ2	<1.5 UJ2	<1.1 UJ2	3.6 J2,C
	12/21/2006	0.86	2.6	<0.15	17.7	77.6	<0.15	4.7	<0.75	<0.60	<0.40	<0.58	6.6	0.35	<0.39	<0.44	<0.20	<0.49	<0.39	<0.38	<0.43	<0.44	0.84	<0.39	<0.32	<0.38	<0.28	5.1
	3/13/2007	<0.83	7.1	<0.17	17.4	77.6	<0.17	5.02	<0.80	<0.65	<0.43	<0.63	8.4	0.37	<0.42	<0.48	<0.22	<0.53	<0.42	<0.41	<0.46	<0.47	1	<0.42	0.82	<0.41	<0.30	9
	6/27/2007	<0.83	4.7	<0.17	16.5	77.8	<0.17	5.73	0.82	<0.65	1.2	<0.63	20	0.5	<0.42	<0.48	<0.22	0.68	<0.42	<0.41	<0.46	4.2	3.5	<0.42	<0.34	<0.41	<0.30	**31**
	6/27/2007 Dup	<0.75	5.7	<0.15	15	77.8	<0.15	7.24	<0.72	<0.58	<0.38	<0.56	20	0.53	<0.38	<0.43	<0.19	<0.48	<0.38	<0.37	<0.41	2.6	2.7	<0.38	<0.31	<0.37	<0.27	**23**
	9/18/2007	1.6	2.3	<0.13	20.8	77.8	<0.13	1.35	<0.65 V	<0.52	<0.35	<0.51	10 M	0.3	<0.34	0.5	<0.17	0.53	<0.34	<0.33	<0.37	<1.9	1.4	<0.34	<0.27	<0.33	<0.25	3.7
	12/21/2007	<0.95	<1.9	<0.19	17.9	76.9	<0.19	5.21	<0.7 V	<0.56 V	<0.37	<0.55	<3	0.31	<0.36	<0.41	<0.19	<0.46	<0.36	<0.36	<0.4	<2	<0.49	<0.36	<0.29	<0.36	<0.26	1.4
	6/5/2008	0.78	4.6	<0.14	17.5	78.2	<0.14	4.25	<0.6	<0.48	<0.32	<0.47	16 M	0.36	<0.31	0.42	<0.16	0.7	<0.31	<0.31	<0.34	<1.8	2.3	<0.31	<0.25	<0.31	<0.23	**10**
	1/14/2009	1	7	<0.15	14.2	79.5	<0.15	6.34	<0.64	<0.51	<0.34	<0.5	31	7.7	<0.33	0.4	0.19	0.57	<0.33	<0.33	<0.36	<1.9	2	<0.33	<0.27	<0.33	<0.24	4.9
VW-36-30 (VW-36-D)	1998 1stQ	--	70	--	--	--	--	--	--	--	--	--	14	1	--	0.54	--	2.2	--	1.2	1.8	--	--	--	4.2	--	1.1	--
	1998 2ndQ	--	67	--	--	--	--	--	--	--	--	--	3.8	0.61	--	--	--	1.9	--	--	2.1	--	1.1	--	3.6	--	--	--
	1998 3rdQ	--	98	--	--	--	--	--	--	--	--	--	2	0.66	--	--	--	2.9	--	--	5.4	--	--	--	3.2	--	--	--
	1998 4thQ	--	81	--	--	--	--	--	--	--	--	--	37	--	--	--	--	--	--	--	--	--	2.7	--	1.7	--	--	--
	1999 1stQ	ND	22	--	--	--	--	--	ND	ND	ND	ND	3	0.7	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	1.6	ND	ND	ND
	1999 2ndQ	ND	32	--	--	--	--	--	ND	ND	ND	ND	9.1	0.57	ND	ND	ND	1.1	ND	ND	4.5	0.87	0.96	ND	1.1	ND	ND	ND
	1999 3rdQ	ND	6.3	--	--	--	--	--	ND	ND	ND	ND	7.3	0.62	ND	ND	ND	1.8	ND	ND	9.1	0.87	7.8	ND	0.94	ND	ND	ND
	1999 4thQ	ND	12	--	--	--	--	--	ND	ND	ND	ND	4.3	ND	ND	ND	ND	6	ND	ND	8.9	ND	11	ND	0.83	ND	ND	1.1
	2000 1stQ	ND	9.1	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.9	0.64	<1	<1.2	<0.52	<1.3	<1	<0.99	7.5	<1.1	1.1	<1	0.78	<0.99	<0.73	<1.3
	2000 2ndQ	ND	22	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	1.9	<1	<0.99	4.3	<1.1	4.2	<1	<0.82	<0.99	<0.73	<1.3
	2000 3rdQ	<0.5	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.6	0.56	<1	<1.2	<0.52	5.9	<1	<0.99	6	<1.1	4.1	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	10	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.4	<0.57	<1	<1.2	<0.52	13	<1	<0.99	4.2	<1.1	5.9	<1	<0.82	<0.99	<0.73	<1.3
	12/28/2005	0.63 J7	5.5	<0.12	12.4	80	<0.12	7.6	<1.5 UJ2	<1.2 UJ2	<0.80 UJ2	<1.2 UJ2	42 J2,C	2.0 J2	<0.78 UJ2	<0.89 UJ2	<0.40 UJ2	<1.0 UJ2	<0.78 UJ2	<0.77 UJ2	<0.86 UJ2	<0.88 UJ2	<1.1 UJ2	<0.78 UJ2	<0.64 UJ2	<0.77 UJ2	<0.57 UJ2	2.4 J2,C
	12/21/2006	<0.76	<1.5	<0.15	11.2	78.9	<0.15	9.89	<0.74	<0.59	<0.39	<0.58	<3.2	1.2	<0.38	<0.44	<0.20	<0.49	<0.38	<0.38	<0.42	<0.43	<0.52	<0.38	<0.31	<0.38	<0.28	3.7
	3/13/2007	<0.80	10	<0.16	11.4	78.7	<0.16	10	<1.6	<1.3	<0.82	<1.2	16 M	1.1	<0.81	<0.92	<0.42	<1.0	<0.81	<0.79	<0.89	<0.91	3.7	<0.81	<0.66	<0.79	<0.59	**97**
	6/27/2007	<0.77	7.6	<0.15	11.5	78.5	<0.15	9.95	<0.74	<0.60	<0.39	<0.58	15	1.4	<0.39	<0.44	<0.20	<0.49	<0.39	<0.38	<0.42	3.2	18	<0.39	<0.31	<0.38	<0.28	5.1
	9/18/2007	<0.78	6.5	<0.16	12	78.6	<0.16	9.42	<0.76 V	<0.61	<0.40	<0.59	9.2 M	1.3	<0.39	<0.45	<0.20	<0.50	<0.39	<0.39	<0.43	<2.2	1.6	<0.39	<0.32	<0.39	<0.29	1.1
	12/21/2007	2	<1.5	<0.15	20.1	77.9	<0.15	1.94	<0.71 V	<0.58 V	<0.38	<0.56	5.4 M	0.34	<0.37	<0.42	<0.19	<0.47	<0.37	<0.36	<0.41	<2.1	<0.5	<0.37	<0.3	<0.36	<0.27	<0.46
	6/5/2008	<0.73	5.3	<0.15	14.4	78.3	<0.15	7.33	<1.3	<1	<0.68	<1	15	1.1	<0.66	<0.76	<0.34	2.3	<0.66	<0.65	<0.73	<3.7	1.9	<0.66	<0.54	<0.65	<0.48	**21**
	1/14/2009	1.8	4.5	<0.14	16.6	79.9	<0.14	3.44	<0.61	<0.49	<0.32	<0.48	27	9.8	<0.32	<0.36	0.26	0.95	<0.32	<0.31	<0.35	<1.8	0.9	<0.32	<0.26	<0.31	<0.23	4.5
	1/14/2009 Dup	1.9	5.3	<0.15	16.7	79.9	<0.15	3.44	<0.66	<0.53	<0.35	<0.52	31	10	<0.34	<0.39	0.26	8.5	<0.34	<0.34	<0.38	3.8	3.9	<0.34	<0.28	<0.34	<0.25	4.2
VW-37-10 (VW-37-S)	1998 1stQ	2.6	22	--	--	--	--	--	--	--	--	--	9.6	--	4.2	1.3	--	2.2	--	1.3	1.6	--	1.2	--	1.1	--	2900	9.3
	1998 2ndQ	1.4	17	--	--	--	--	--	--	--	--	--	5.4	--	--	5.1	--	--	5.3	--	1.6	0.86	--	1.1	--	--	1400	1.5
	1998 3rdQ	3.9	50	--	--	--	--	--	1.8	--	--	1.3	8.6	--	3	--	--	13	--	1.3	11	--	2.2	--	--	--	320	1.6
	1998 4thQ	2.1	3.6	--	--	--	--	--	2	--	--	--	14	--	--	1.2	--	13	--	--	2.2	--	3.2	--	--	--	51	**12**
	1999 1stQ	1.8	5.5	--	--	--	--	--	ND	ND	ND	ND	55	ND	ND	1.9	ND	4.2	ND	ND	2.8	ND	ND	ND	ND	ND	8.1	1.6
	1999 2ndQ	ND	20	--	--	--	--	--	2.5	ND	ND	ND	9.8	ND	ND	ND	ND	16	ND	ND	ND	2	ND	ND	ND	ND	ND	ND
	1999 3rdQ	1	1.5	--	--	--	--	--	ND	ND	ND	ND	9.9	ND	ND	ND	ND	3.7	ND	ND	7	ND	18	ND	ND	ND	10	1.6
	1999 4thQ	1.6	2.8	--	--	--	--	--	ND	ND	ND	ND	8.2	ND	ND	ND	ND	2.1	ND	ND	4.8	ND	14	ND	ND	ND	1.6	1.2
	2000 1stQ	2.1	2.2	--	--	--	--	--	ND	ND	ND	ND	2.5	2	ND	ND	ND	3.5	ND	ND	ND	ND	ND	ND	ND	ND	0.71	ND
	2000 2ndQ	ND	7.4	--	--	--	--	--	ND	ND	ND	ND	3.5	22	ND	ND	ND	2	ND	ND	2.2	ND	9.2	ND	ND	ND	0.57	ND
	2000 3rdQ	1.4	8.4	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.7	190	<1	0.88	0.39	4.7	<1	<0.99	3.7	<1.1	2.2	<1	<0.82	<0.99	0.7	1.2
	2000 4thQ	1.2	4.1	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.1	540	<1	<1.2	0.63	2.4	<1	<0.99	6.6	<1.1	8.8	<1	<0.82	<0.99	2.6	1.3
	12/28/2005	1.3 J7	5.6	<0.14	9.66	83.8	<0.14	6.55	<1.9 UJ2	<1.5 UJ2	<1.0 UJ2	<1.5 UJ2	65 J2,C	110 J2	<0.99 UJ2	<1.1 UJ2	1.2 J2	5.0 J2	<0.99 UJ2	<0.97 UJ2	<1.1 UJ2	2.0 M,J2,J6	3.3 J2	<0.99 UJ2	<0.80 UJ2	<0.97 UJ2	<0.72 UJ2	3.3 J2,C
	12/20/2006	1.6	1.7	<0.15	14.6	80.7	<0.15	4.61	<0.75	<0.60	<0.40	<0.58	6.3	40	<0.39	<0.44	0.64	0.7	<0.39	<0.38	<0.43	<0.44	0.91	<0.39	<0.32	<0.38	<0.28	5.3
	3/12/2007	1.4	4.5	<0.17	14.7	80.9	<0.17	4.44	<0.81	<0.66	<0.43	<0.64	8.9 M	27	<0.42	<0.48	0.46	1.9	<0.42	<0.42	<0.47	<0.48	1.2	<0.42	<0.34	<0.42	<0.31	9.5
	6/23/2007	1.1	8.3	<0.17	15.8	80	<0.17	4.17	<0.83	<0.67	<0.44	<0.65	12 M	22	<0.43	<0.49	0.38	1.3	<0.43	<0.42	<0.47	1.2 M	2	<0.43	<0.35	<0.42	<0.31	**35**
	9/18/2007	<0.79	5.1	<0.16	11.2	80.9	<0.16	7.98	1.5 V,L,J10,J14	<1.2	<0.81	<1.2	9.1 M,J6	34	5.6	<0.91	3.5	2.2	<0.80	<0.78	<0.88	<4.5	2	<0.80	<0.65	<0.78	9	1.3
	12/20/2007	2	<1.3	<0.13	20.6	78.2	<0.13	1.16	<0.62 V	<0.50	<0.33	<0.49	6.7 M	2.8	<0.32	<0.37	<0.17	0.66	<0.32	<0.32	<0.36	<1.8	0.52	<0.32	<0.26	<0.32	<0.23	2.3
	12/20/2007 Dup	0.96	2.6	<0.15	14.7	79.5	<0.15	5.8	<0.74 V	<0.60	<0.39	<0.58	6.2 M	15	<0.39	<0.44	0.31	1.1	<0.39	<0.38	<0.42	<2.2	0.77	<0.39	<0.31	<0.38	<0.28	1.7
	6/5/2008	1.3	3.7	<0.18	18.1	79.2	<0.18	2.62	<0.75	<0.61	<0.4	<0.59	10 M	4.9	<0.39	<0.45	<0.2	0.95	<0.39	<0.38	<0.43	<2.2	1.5	<0.39	<0.32	<0.38	<0.28	3.7
	1/5/2009	1.5	3.9	<0.15	16.7	78.9	<0.15	4.41	<0.66	<0.53	<0.35	<0.52	16	5.8	<0.34	<0.39	<0.18	<0.44	<0.34	<0.34	<0.38	<1.9	1.9	<0.34	<0.28	<0.34	<0.25	2
VW-37-30 (VW-37-D)	1998 1stQ	--	75	--	--	--	--	--	--	--	--	--	7.7	--	--	--	--	1.5	--	--	--	--	0.79	--	--	--	41	--
	1998 2ndQ	--	56	--	--	--	--	--	--	--	--	--	5.1	--	--	--	--	1.3	--	--	--	--	1.4	--	--	--	9.9	--
	1998 3rdQ	950	100	--	--	--	--	--	--	3.7	--	--	--	--	--	--	--	1.6	--	--	3.4	--	--	--	--	--	1.9	0.8
	1998 4thQ	--	--	--	--	--	--	--	2	--	--	--	4.1	--	--	--	--	3.4	--	--	--	--	1	--	--	--	--	--

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-35-38 (VW-35-D)	2000 4thQ	<3.2	<4.3	<3	**1300**	<4.4	<4.9	<4.4	<3.7	3.8	<4.9	<2.3	**<2.6 UJ9**	39	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	12/22/2005	<0.68 UJ2	<0.93 UJ2	<0.64 UJ2	**420 J2**	<0.95 UJ2	<1.0 UJ2	<0.95 UJ2	<0.79 UJ2	8.8 J2,C	<1.1 UJ2	<0.5 UJ2	<0.56 UJ2	5.0 J2	<0.93 UJ2	9.4 J2,C	10 J2,C	<0.42 UJ2	<1.0 UJ2	3.0 J2,C	<0.63 UJ2	<0.72 UJ2	<0.72 UJ2	<0.72 UJ2
	12/12/2006	<9.5	<13	<9.0	**680**	<13	<15	<13	<11	<16	<15	<7.0	**<7.8 UJ9**	<8.9	<13	<14	<14	<5.8	<14	<14	<8.7	<10	<10	<10
	3/13/2007	<6.5	<8.9	<6.1	**750**	<9.0	<10	<9.0	<7.5	<11	<10	<4.8	**<5.3 UJ9**	9.2	<8.9	<9.4	<9.4	<4.0	<9.6	<9.4	<6.0	<6.8	<6.8	<6.8
	6/30/2007	<2.6	<3.5	<2.4	**290**	<3.6	<4.0	<3.6	<3.0	4.8	<4.0	<1.9	**<2.1 UJ9**	3.9	<3.5	<3.8	6	<1.6	<3.8	<3.8	<2.4	<2.7	<2.7	<2.7
	9/20/2007	<3.7	<5.0	<3.5	**410**	<5.1	<5.7	<5.1	<4.3	<6.2	<5.7	<2.7	**<3.0 UJ9**	5	<5.1	<5.4	<5.4	<2.3	<5.5	<5.4	<3.4	<3.9	<3.9	<3.9
	9/20/2007 Dup	<4.0	<5.5	<3.8	**420**	<5.6	<6.2	<5.6	<4.6	<6.7	<6.2	<3.0	**<3.3 UJ9**	5.3	<5.5	<5.8	<5.8	<2.5	<6.0	<5.8	<3.7	<4.2	<4.2	<4.2
	12/21/2007	<0.23	<0.31	<0.22	2.9	<0.32	<0.35	<0.32	<0.26	2.9	<0.35	<0.17	<0.19	0.22	<0.31	0.5	2	<0.14	<0.34	0.63	<0.21	<0.24	<0.24	<0.24
	6/6/2008	<0.24	<0.33	<0.23	170	<0.33	<0.37	<0.33	<0.28	1.3	0.53	<0.18	<0.2	1.7	<0.33	0.44	1.4	<0.15	<0.36	0.45	<0.22	<0.25	<0.25	<0.25
	12/29/2008	<2.4	<3.2	<2.2	**400**	<3.3	<3.6	<3.3	<2.7	<3.9	<3.6	<1.7	<1.9	4.6	<3.2	<3.4	<3.4	<1.4	<3.5	<3.4	<2.2	<2.5	<2.5	<2.5
VW-35-Ambient	6/30/2007	<0.25	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.29	1.9	<0.39	<0.19	<0.21	<0.24	<0.35	0.37	1.6	<0.15	<0.38	0.6	<0.23	<0.27	<0.27	<0.27
VW-36-10 (VW-36-S)	1998 1stQ	0.13	--	4.6	0.29	--	0.32	--	--	2.6	--	2.1	--	1.3	--	0.27	1.1	0.29	--	1.2	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	0.69	--	--	--	0.87	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	5.6	--	--	--	1.3	--	1.1	4.6	--	--	2.1	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	2.3	--	--	--	1.2	--	--	1.7	--	--	0.63	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	ND	0.73	ND	ND	0.83	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	0.79	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	1.2	ND	0.79	3.8	ND	ND	2.5	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	3.2	ND	ND	13	ND	ND	ND	0.97	ND	2.6	9.9	ND	ND	3.1	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	0.84	ND	0.67	2.9	ND	ND	1.3	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	ND	ND	0.88	ND	ND	0.64	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	4.7	<0.98	<0.47	<0.52	4	<0.87	0.82	3.7	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	7.2	<0.98	<0.47	<0.52	0.89	<0.87	1.4	5.6	<0.39	<0.94	2	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<0.94 UJ2	<1.3 UJ2	<0.88 UJ2	<1.1 UJ2	<1.3 UJ2	<1.4 UJ2	<1.3 UJ2	<1.1 UJ2	600 J2,C	<1.4 UJ2	<0.7 UJ2	<0.77 UJ2	3.9 J2	<1.3 UJ2	<1.4 UJ2,C	3.6 J2,C	<0.57 UJ2	<1.4 UJ2	1.5 J2,C	<0.86 UJ2	<0.99 UJ2	<0.99 UJ2	<0.99 UJ2
	12/21/2006	<0.24	<0.33	<0.23	<0.29	<0.34	<0.38	<0.34	<0.28	3.7	<0.38	<0.18	<0.20	1.9	<0.33	0.76	3.8	<0.15	<0.36	1.4	<0.22	<0.26	<0.26	<0.26
	3/13/2007	<0.26	<0.36	<0.25	81	<0.36	<0.40	<0.36	<0.30	2.8	<0.40	<0.19	<0.21	2.6	<0.36	0.88	3.1	<0.16	<0.39	1.2	<0.24	<0.27	<0.27	<0.27
	6/27/2007	<0.26	<0.36	<0.25	<0.31	<0.36	<0.40	<0.36	<0.30	22	1.7	<0.19	<0.21	0.34	<0.36	3.4	19	<0.16	2.5	6.5	<0.24	<0.27	<0.27	<0.27
	6/27/2007 Dup	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	16	1.7	<0.17	<0.19	0.53	<0.32	2.8	16	<0.14	2.3	5.7	<0.22	<0.25	<0.25	<0.25
	9/18/2007	<0.21	<0.29	<0.20	<0.25	<0.30	0.33	<0.30	<0.25	5.6	<0.33	<0.16	<0.17	0.25	<0.29	0.48	1.8	<0.13	0.64	0.61	<0.20	<0.22	<0.22	<0.22
	12/21/2007	<0.23	<0.31	<0.22	<0.27	<0.32	<0.35	<0.32	<0.26	1.4	<0.35	<0.17	<0.19	0.32	<0.31	0.36	1.3	<0.14	<0.34	0.39	<0.21	<0.24	<0.24	<0.24
	6/5/2008	<0.2	<0.27	<0.18	<0.23	<0.27	<0.3	<0.27	<0.23	14	<0.3	<0.15	<0.16	0.57	<0.27	2.1	8.3	<0.12	0.29	2.5	<0.18	<0.21	<0.21	<0.21
	1/14/2009	<0.21	<0.28	<0.2	<0.24	<0.29	<0.32	<0.29	<0.24	15	0.55	<0.15	<0.17	0.9	<0.29	2.7	11	<0.13	<0.31	3.1	<0.19	<0.22	<0.22	<0.22
VW-36-30 (VW-36-D)	1998 1stQ	--	--	2	--	--	--	--	--	1.9	--	--	--	5.6	--	--	0.89	--	--	0.25	--	--	--	--
	1998 2ndQ	--	--	1.5	--	--	--	--	--	--	--	--	--	2.1	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	1.3	--	--	--	--	--	3.4	--	--	--	2.1	--	0.65	2.8	--	--	1.3	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	11	--	--	--	3.1	--	3.6	17	--	--	7.1	--	--	--	--
	1999 1stQ	ND	ND	0.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	0.79	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	0.43	ND	ND	ND	ND	ND	2	ND	ND	ND	4.1	ND	ND	3	ND	ND	2.1	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	3.4	ND	1.6	6.4	ND	ND	2.1	ND	ND	ND	ND
	2000 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	<3.6	<0.87	<0.92	0.64	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	0.9	<0.98	<0.47	<0.52	0.88	<0.87	<0.92	0.64	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.7	<0.98	<0.47	<0.52	3.9	<0.87	0.66	3	<0.39	<0.94	1.2	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.5	<0.98	<0.47	<0.52	3.9	<0.87	1.1	4.3	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<0.49 UJ2	<0.67 UJ2	<0.46 UJ2	<0.58 UJ2	<0.68 UJ2	<0.76 UJ2	<0.68 UJ2	<0.57 UJ2	320 J2,C	<0.76 UJ2	<0.36 UJ2	<0.40 UJ2	1.9 J2	<0.67 UJ2	0.79 J2,C	3.4 J2,C	<0.30 UJ2	<0.73 UJ2	1.3 J2,C	<0.45 UJ2	<0.52 UJ2	<0.52 UJ2	<0.52 UJ2
	12/21/2006	<0.24	<0.33	<0.23	0.73	<0.33	<0.37	<0.33	<0.28	2.4	<0.37	<0.18	<0.20	3.3	<0.33	0.83	4.5	<0.15	<0.36	1.6	<0.22	<0.25	<0.25	<0.25
	3/13/2007	<0.51	<0.69	<0.48	1.5	<0.71	<0.78	<0.71	<0.59	3.6	<0.78	<0.38	<0.42	2.1	<0.70	0.98	3	<0.31	<0.75	1	<0.47	<0.53	<0.53	<0.53
	6/27/2007	<0.24	<0.33	<0.23	<0.28	<0.34	4.6	<0.34	<0.28	9.8	0.9	<0.18	<0.20	1.8	<0.33	2	12	<0.15	2.1	4.2	<0.22	<0.25	<0.25	<0.25
	9/18/2007	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.29	6.5	<0.38	<0.18	<0.20	1.6	<0.34	0.8	3	<0.15	1.3	1	<0.23	<0.26	<0.26	<0.26
	12/21/2007	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	<0.39	<0.36	<0.17	<0.19	<0.22	<0.32	<0.34	<0.34	<0.14	<0.35	<0.34	<0.21	<0.24	<0.24	<0.24
	6/5/2008	<0.42	<0.57	<0.39	<0.49	<0.58	<0.64	<0.58	<0.48	2.1	<0.64	<0.31	<0.34	2.7	<0.57	0.82	3	<0.25	<0.62	1.1	<0.38	<0.44	<0.44	<0.44
	1/14/2009	<0.2	<0.27	<0.19	<0.23	<0.28	<0.31	<0.28	<0.23	10	<0.31	<0.15	<0.16	1.8	<0.27	2.3	9.9	<0.12	<0.29	3.0	<0.18	<0.21	<0.21	<0.21
	1/14/2009 Dup	<0.22	<0.3	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	9.8	<0.33	<0.16	<0.18	1.8	<0.3	2.3	9.1	<0.13	<0.32	2.8	<0.2	<0.23	<0.23	<0.23
VW-37-10 (VW-37-S)	1998 1stQ	--	--	4.3	0.98	--	--	--	--	1.8	--	0.69	--	0.57	--	1	4.8	--	--	0.77	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	1.9	--	--	--	0.46	--	--	0.61	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	7.3	--	--	--	0.6	--	0.96	3.7	--	--	1.3	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	43	--	--	--	0.52	--	3.7	31	--	--	9.6	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	1.4	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	0.57	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	0.6	ND	1.1	5	ND	ND	3	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	0.78	ND	1.1	4.3	ND	ND	1.8	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	6.4	ND	ND	ND	0.44	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	ND	ND	0.65	2.5	ND	ND	1	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.1	<0.98	<0.47	<0.52	0.58	<0.87	0.93	4.2	<0.39	<0.94	1.7	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	9.3	<0.98	<0.47	<0.52	1.5	<0.87	1.7	6.7	<0.39	<0.94	2.3	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<0.62 UJ2	<0.85 UJ2	<0.58 UJ2	<0.73 UJ2	<0.86 UJ2	<0.96 UJ2	<0.86 UJ2	<0.72 UJ2	430 J2,C	<0.96 UJ2	<0.46 UJ2	<0.51 UJ2	3.1 J2	<0.85 UJ2	1.4 J2,C	5.7 J2,C	<0.38 UJ2	<0.92 UJ2	2.1 J2,C	<0.57 UJ2	<0.65 UJ2	<0.65 UJ2	<0.65 UJ2
	12/20/2006	<0.24	<0.33	<0.23	<0.29	<0.34	<0.38	<0.34	<0.28	2.3	<0.38	<0.18	<0.20	7.2	<0.33	0.44	1.8	<0.15	<0.36	0.59	<0.22	<0.26	<0.26	<0.26
	3/12/2007	<0.27	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	4.9	<0.41	<0.20	<0.22	0.96	<0.36	1.2	4.4	<0.16	0.41	1.6	<0.24	<0.28	<0.28	<0.28
	6/23/2007	<0.27	<0.37	<0.26	<0.32	<0.38	<0.42	<0.38	<0.31	2.3	0.9	<0.20	<0.22	1.2	<0.37	0.95	4.4	<0.17	<0.40	1.5	<0.25	<0.28	<0.28	<0.28
	9/18/2007	<0.50	0.88	<0.47	2.5	<0.70	0.79	<0.70	<0.58	14	<0.77	<0.37	<0.41	7.1	<0.69	1.7	6.8	<0.31	1.1	2.4	<0.46	<0.53	<0.53	0.89
	12/20/2007	<0.2	<0.28	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	3.5	<0.31	<0.15	<0.17	0.74	<0.28	0.73	2.9	<0.12	<0.30	0.97	<0.19	<0.21	<0.21	<0.21
	12/20/2007 Dup	<0.24	<0.33	<0.23	<0.28	<0.34	<0.37	<0.34	<0.28	1.3	<0.37	<0.18	<0.20	1.6	<0.33	0.44	1.6	<0.15	<0.36	0.49	<0.22	<0.25	<0.25	<0.25
	6/5/2008	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.28	3.9	<0.38	<0.18	<0.2	0.62	<0.34	0.86	3.3	<0.15	<0.36	1.1	<0.23	<0.26	<0.26	<0.26
	1/5/2009	<0.22	<0.3	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	3.2	<0.33	<0.16	<0.18	0.75	<0.3	0.62	2.4	<0.13	<0.32	0.81	<0.2	<0.23	<0.23	<0.23
VW-37-30 (VW-37-D)	1998 1stQ	--	--	--	0.89	--	--	--	--	1.2	--	--	--	1.9	--	--	1	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	2.2	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	3.5	--	--	--	1.3	--	0.57	2.2	--	--	0.87	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--	--	--

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-37-30 (VW-37-D)	1999 1stQ	ND	19	--	--	--	--	--	ND	ND	ND	ND	11	ND	ND	ND	ND	1.1	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND
	1999 2ndQ	1.3	3	--	--	--	--	--	ND	ND	ND	ND	14	ND	ND	0.92	ND	2.4	ND	ND	2.7	ND	2.6	ND	ND	ND	14	1.3
	1999 3rdQ	ND	6.3	--	--	--	--	--	ND	ND	ND	ND	2.7	ND	ND	ND	ND	1.4	ND	ND	1.8	ND	7.7	ND	ND	ND	ND	ND
	1999 4thQ	ND	14	--	--	--	--	--	ND	ND	ND	ND	5.1	3.4	ND	ND	ND	ND	ND	ND	2	ND	11	ND	ND	ND	ND	ND
	2000 1stQ	1.3	9.1	--	--	--	--	--	ND	ND	ND	ND	2.2	270	ND	ND	0.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	22	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.7	1100	<1	<1.2	1.5	2.4	<1	<0.99	1.2	<1.1	7	<1	<0.82	<0.99	<0.73	<1.3
	2000 3rdQ	<0.5	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.3	1600	<1	<1.2	2	<1.3	<1	<0.99	2.2	<1.1	4.2	<1	0.54	<0.99	<0.73	<1.3
	2000 4thQ	0.54	5.5	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.4	1700	<1	1.1	1.5	1.6	<1	<0.99	2.5	<1.1	4.9	<1	0.59	<0.99	<0.73	<1.3
	12/28/2005	<0.7	7.2	<0.14	3.36	85.9	<0.14	10.8	<3.4 UJ2	<2.7 UJ2	<1.8 UJ2	<2.6 UJ2	120 J2,C	170 J2	<1.8 UJ2	<2.0 UJ2	2.2 J2	<2.2 UJ2	<1.8 UJ2	<1.7 UJ2	<1.9 UJ2	<2.0 UJ2	<2.4 UJ2	<1.8 UJ2	<1.4 UJ2	<1.7 UJ2	<1.3 UJ2	3.8 J2,C
	12/20/2006	<0.76	3.1	<0.15	5.32	83.7	<0.15	11	<0.74	<0.59	<0.39	<0.58	6.2 M	82	<0.38	<0.44	1.3 V	<0.49	<0.38	<0.38	<0.42	1	0.88	<0.38	<0.31	<0.38	<0.28	3
	3/12/2007	<0.79	9.9	<0.16	4.89	83.7	<0.16	11.4	<0.77	<0.62	<0.41	<0.60	5.5 M	72	<0.40	<0.45	1.2	<0.51	<0.40	<0.39	<0.44	<0.45	1.5	<0.40	<0.32	<0.39	<0.29	**28**
	3/12/2007 Dup	<0.82	11	<0.16	5.05	83.7	<0.16	11.2	<0.79	<0.64	<0.42	<0.62	15	74	<0.41	<0.47	1.2	<0.53	<0.41	<0.41	<0.46	2.2 M	1.7	<0.41	<0.34	<0.41	<0.30	**21**
	6/23/2007	<0.86	12	<0.17	5.69	83.3	<0.17	11	<0.83	<0.67	<0.44	<0.65	6.5 M	73	<0.43	<0.49	1.2	1.4	<0.43	<0.42	<0.47	0.63 M	1.6	<0.43	<0.35	<0.42	<0.31	**19**
	9/18/2007	<0.83	6	<0.17	5.79	83.1	<0.17	11.1	1.6 V,L	<1.3	<0.85	<1.3	<6.9	64	<0.83	<0.95	1.1	<1.1	<0.83	<0.82	<0.92	<4.7	<1.1	<0.83	<0.68	<0.82	<0.61	<1.0
	12/20/2007	<0.75	3.4	<0.15	7.1	82.2	<0.15	10.7	<0.73 V	<0.59	<0.39	<0.57	3.2 M	44	<0.38	<0.43	0.96	<0.48	<0.38	<0.37	<0.42	<2.1	<0.51	<0.38	<0.31	<0.37	<0.28	1.7
	6/5/2008	<0.84	5.2	<0.17	11.9	81.2	<0.17	6.83	<0.71	<0.57	<0.38	<0.56	14	26	<0.37	0.59	0.62	1.1	<0.37	<0.36	<0.41	<2.1	1.5	<0.37	<0.3	<0.36	<0.27	**10**
	1/5/2009	2.5	<1.6	<0.16	21.8	77.9	<0.16	0.215	<0.69	<0.56	<0.37	<0.54	23	0.27	<0.36	<0.41	<0.19	<0.46	<0.36	<0.35	<0.4	<2	1.7	<0.36	<0.29	<0.35	<0.26	1.6
	1/5/2009 Dup	2.5	<1.6	<0.16	21.8	77.9	<0.16	0.232	<0.67	<0.54	<0.36	<0.52	22	0.27	<0.35	0.4	<0.18	<0.44	<0.35	<0.34	<0.38	<2	1.6	<0.35	<0.28	<0.34	<0.25	1.6
VW-38-10 (VW-38-S)	1998 1stQ	21	21	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	2.4	--	--	--	220	--
	1998 2ndQ	2.7	29	--	--	--	--	--	--	--	--	--	11	--	--	--	--	4	--	--	2	0.86	--	--	--	--	120	--
	1998 3rdQ	2.6	71	--	--	--	--	--	--	--	--	--	6.1	0.54	0.73	--	--	12	--	--	6.7	--	--	--	--	--	68	0.84
	1998 4thQ	13	2.8	--	--	--	--	--	--	--	--	--	2.8	0.7	--	--	--	6	--	0.7	2.6	--	--	--	--	--	35	--
	1999 1stQ	ND	9.6	--	--	--	--	--	ND	ND	ND	ND	8.4	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	5.4	9.2
	1999 2ndQ	ND	8.5	--	--	--	--	--	ND	ND	ND	ND	13	0.6	ND	ND	ND	6.9	ND	ND	ND	2	1.7	ND	ND	ND	2.5	9.2
	1999 3rdQ	ND	4.1	--	--	--	--	--	ND	ND	ND	ND	2.2	1.1	ND	ND	ND	3.5	ND	ND	2.4	ND	8.7	ND	ND	ND	1.8	ND
	1999 4thQ	0.54	14	--	--	--	--	--	ND	ND	ND	ND	10	ND	2.9	ND	ND	7.3	ND	ND	3.6	ND	18	ND	ND	ND	1.2	ND
	2000 1stQ	ND	3.8	--	--	--	--	--	ND	ND	ND	ND	5.4	12	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND
	2000 2ndQ	240	19	--	--	--	--	--	ND	ND	ND	ND	21	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	0.97	13	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.5	6.5	<1	<1.2	<0.52	<1.3	<1	<0.99	1.9	<1.1	3.6	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	16	<0.71	<1	<1.2	<0.41	<1.30	<1	<0.99	1.5	<2.1	3.7	<1	<2.3	<0.99	<0.73	<1.3
	2001 1stQ	<0.5	71	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.1	1.6	<1	<1.2	<0.52	2.5	<1	<0.99	<1.1	<1.1	2.3	<1	<0.82	<0.99	<0.73	<1.3
	12/27/2005	0.89	6.6	<0.14	8.6	83.2	<0.14	8.18	<4.4	<3.5	<2.3	<3.4	130 C	36	<2.3	<2.6	<1.2	<2.9	<2.3	<2.2	<2.5	<2.6	<3.1	<2.3	<1.8	<2.2	<1.7	<2.8 C
	12/14/2006	<0.76	2.7	<0.15	12.5	79.7	<0.15	7.77	<0.73	<0.59	<0.39	<0.57	7.1	10	<0.38	<0.43	0.4	2	<0.38	<0.37	<0.42	<0.43	1.1	<0.38	<0.31	<0.37	<0.28	6.5
	3/12/2007	1.2	4.6	<0.15	16.8	78.8	<0.15	4.38	<0.75	<0.60	<0.40	<0.58	9.9 M	4	<0.39	<0.44	0.22	<0.49	<0.39	<0.38	<0.43	2.0 M	2.1	<0.39	<0.32	<0.38	<0.28	4.5
	6/23/2007	<0.87	13	<0.17	14.7	79.8	<0.17	5.51	<0.84	<0.68	<0.45	<0.66	72	5.1	<0.44	<0.50	0.26	0.68	<0.44	<0.43	<0.48	3.9 M	2.6	0.78	<0.35	<0.43	0.92	7.6
	9/23/2007	<0.80	2.2	<0.16	9.8	80.9 L	<0.16	9.33	<0.77	<0.62	<0.41	<0.60	5.3 M	9.3	<0.40	<0.46	0.39	<0.51	<0.40	<0.39	<0.44	<2.3	0.9	<0.40	<0.33	<0.39	<0.29	<0.50
	12/20/2007	1.4	2	<0.12	16.8	78.7	<0.12	4.48	<0.59 V	<0.48	<0.31	<0.46	5.6 M	2.4	<0.31	<0.35	0.17	0.53	<0.31	<0.3	<0.34	<1.7	0.45	<0.31	<0.25	<0.3	<0.22	1.6
	6/5/2008	0.91	4.9	<0.17	16.6	79.2	<0.17	4.11	<0.7	<0.57	<0.37	<0.55	6.3 M	2.2	<0.37	<0.42	0.2	<0.46	<0.37	<0.36	<0.4	<2.1	0.52	<0.37	<0.3	<0.36	<0.27	2.7
	12/13/2008	<0.79	5.3	<0.16 V	15.1	79.1	<0.16	5.79	<0.67	<0.54	<0.36	<0.53	4.5 M	2.3	<0.35	<0.4	0.2	<0.45	<0.35	<0.34	<0.39	<2	0.72	<0.35	<0.28	<0.34	<0.25	0.48
VW-38-34 (VW-38-D)	1998 1stQ	79	360	--	--	--	--	--	--	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	69	--
	1998 2ndQ	140	330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12	--
	1998 3rdQ	260	740	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9	--	--	--	--	--	--	--
	1998 4thQ	1300	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	75	17	--	--	--	--	--	ND	ND	ND	ND	11	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89
	1999 2ndQ	67	27	--	--	--	--	--	ND	ND	ND	ND	5.1	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	53	43	--	--	--	--	--	ND	ND	ND	ND	3.7	ND	ND	ND	ND	3.4	ND	ND	2	ND	6.9	0.77	ND	ND	ND	ND
	1999 4thQ	54	84	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	76	120	--	--	--	--	--	<19	**<16**	<10	<15	<17	<7.1	<10	<12	<5.2	<13	<10	<9.9	<11	<11	<14	<10	<8.2	<9.9	<7.3	**<13**
	2000 2ndQ	ND	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.1	11	<1	<1.2	0.75	<1.3	<1	<0.99	1.3	<1.1	7.8	<1	<0.82	<0.99	<0.73	<1.3
	2000 3rdQ	570	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	58	<0.71	0.83	<1.2	<0.42	33	<1	<0.99	1.5	<1.1	110	2.1	<0.82	<0.99	<0.73	0.89
	2000 4thQ	450	11	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	12/27/2005	3.4	<1.4	<0.14	21.8	78.1	<0.14	<0.14	<0.69	<0.56	<0.37	<0.54	10 M,J6,C	0.3	<0.36	0.96	<0.19	<0.46	<0.36	<0.35	<0.39	<0.40	1.8	<0.36	<0.29	<0.35	<0.26	7.9 C
	12/14/2006	1700	4.9	<0.16	1.19	87.8	<0.16	10.9	<7.8	<6.3	<4.1	<6.1	<34	<2.9	<4.1	<4.6	<2.1	<5.2	<4.1	<4.0	<4.5	<4.6	<5.5	<4.1	<3.3	<4.0	<3.0	6.8
	3/12/2007	1800	9	<0.16	1.54	87.6	<0.16	10.7	<0.77	<0.62	<0.41	<0.60	9.2 M	0.56	<0.40	<0.46	0.51	1.1	<0.40	<0.39	<0.44	<0.45	1.5	<0.40	<0.33	<0.39	<0.29	**27**
	6/23/2007	730	11	<0.18	10.1	83.6	<0.18	6.21	<0.76	<0.61	<0.40	<0.59	10 M	0.51	<0.39	<0.45	0.41	1.6	<0.39	<0.39	<0.43	<0.44	1.4	<0.39	<0.32	<0.39	<0.29	8.9
	9/23/2007	410	<1.6	<0.16	10.7	83.5 L	<0.16	5.76	0.87	<0.61	<0.40	<0.59	11 M	0.93	<0.39	<0.45	0.61	2.1	<0.39	<0.38	<0.43	<2.2	1.3	<0.39	<0.32	<0.38	<0.28	3.2
	9/23/2007 Dup	420	1.7	<0.15	10.3	83.7 L	<0.15	6	0.85	<0.60	<0.40	<0.58	13 M	0.89	<0.39	<0.44	0.63	2.4	<0.39	<0.38	<0.43	<2.2	1.5	<0.39	<0.32	<0.38	<0.28	3.2
	12/20/2007	630	3.8	<0.13	4.43	86.4	<0.13	9.05	<0.63 V	<0.51	<0.33	<0.49	5.2 M	1	<0.33	<0.37	1.1	0.76	<0.33	<0.32	<0.36	<1.8	<0.44	<0.33	<0.27	<0.32	<0.24	1.4
	6/5/2008	140	<1.6	<0.16	18	80.3	<0.16	1.63	<0.69	<0.55	<0.36	<0.54	15 M	0.35	<0.36	<0.41	0.21	1.1	<0.36	<0.35	<0.39	<2	1.3	<0.36	<0.29	<0.35	<0.26	4.7
	12/13/2008	530	8.1	<0.18 V	1.18	88.4	<0.18	10.4	<7.6	<6.1	<4	<5.9	<33	<2.8	<4	<4.5	<2	<5	<4	<3.9	<4.4	<22	<5.3	<4	<3.2	<3.9	<2.9	<4.9
	12/13/2008 Dup	510	7.7	<0.17 V	1.63	88.2	<0.17	10.2	<4.7	<3.8	<2.5	<3.7	<20	<1.7	<2.4	<2.8	1.4	<3.1	<2.4	<2.4	<2.7	<14	<3.3	<2.4	<2	<2.4	<1.8	<3
VW-39-07 (VW-39-S)	1998 1stQ	2.5	25	--	--	--	--	--	--	--	--	--	9.6	0.64	9.2	--	--	5.6	--	3.8	5.4	--	--	--	1.3	--	**3700**	2.6
	1998 2ndQ	--	43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	640	--
	1998 3rdQ	1	78	--	--	--	--	--	--	--	--	--	6.5	--	19	--	--	12	--	17	5.2	--	--	--	--	--	240	--
	1998 4thQ	2.2	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13	--	--	--	--	--	--	84	--
	1999 1stQ	ND	12	--	--	--	--	--	ND	ND	ND	ND	2.1	0.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.3	ND
	1999 2ndQ	ND	17	--	--	--	--	--	ND	ND	ND	ND	5.8	0.91	ND	ND	ND	4	ND	ND	ND	ND	1.7	ND	ND	ND	3.5	ND
	1999 3rdQ	0.76	3	--	--	--	--	--	ND	ND	ND	ND	4.1	0.95	ND	ND	ND	1.8	ND	ND	1.7	ND	5.5	ND	ND	ND	2.6	ND
	1999 4thQ	1.4	7.8	--	--	--	--	--	ND	ND	ND	ND	7.2	0.86	ND	ND	ND	ND	ND	ND	3.1	ND	20	ND	ND	ND	4.9	ND
	2000 1stQ	0.79	6.4	--	--	--	--	--	ND	ND	ND	ND	3.7	0.79	ND	ND	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND	0.73	ND
	2000 2ndQ	ND	14	--	--	--	--	--	ND	ND	ND	ND	11	0.82	ND	ND	ND	ND	ND	ND	1.6	ND	9.4	ND	ND	ND	0.59	ND
	2000 3rdQ	<0.5	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6	0.84	<1	<1.2	<0.52	2.4	<1	<0.99	2.3	<1.1	3.2	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	7.3	--	--	--	--	--	<1.9	<1.6	<1	<1.5	11	0.93	<1	<1.2	<0.52	2.2	<1	<0.99	3.5	<1.1	9.5	<1	<0.82	<0.99	1.1	0.89
	2001 3rdQ	<0.5	55	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	3.3	<1.4	<1	<1.2	<1.6	<1.3	<1	<0.99	<1.1	<1.1	2.4	<1	<0.82	<0.99	<0.73	<1.3
	12/28/2005	<0.65	4.8	<0.13	5.02	87.4	<0.13	7.62	<6.2 UJ2	<5.0 UJ2	<3.3 UJ2	<4.9 UJ2	85 J2,C	<2.3 UJ2	<3.3 UJ2	<3.7 UJ2	<1.7 UJ2	<4.1 UJ2	<3.3 UJ2	<3.2 UJ2	<3.6 UJ2	<3.7 UJ2	<4.4 UJ2	<3.3 UJ2	<2.6 UJ2	<3.2 UJ2	<2.4 UJ2	<4.0 UJ2,C
	12/14/2006	<0.81	4	<0.16	4.1	86.5	<0.16	9.41	<0.78	<0.63	<0.42	<0.61	5.9	0.76	<0.41	<0.47	3.2	4.2	<0.41	<0.40	<0.45	1.1 M	1.4	<0.41	<0.33	<0.40	<0.30	7.2
	3/12/2007	<0.65	5.4	<0.13	11	82.8	<0.13	6.13	<0.62	<0.50	<0.33	<0.49	7.6	0.56	<0.33	<0.37	1.1	0.63	<0.33	<0.32	<0.36	<0.37	1.3	<0.33	<0.26	<0.32	<0.24	1.5
	6/23/2007	<0.81	15	<0.16	10.4	80.9	<0.16	8.66	<0.78	<0.63	<0.41	<0.61	9.5	0.6	<0.41	<0.46	1.3	<0.52	<0.41	<0.40	<0.45	1.0 M	0.57	<0.41	<0.33	<0.40	0.53	8.4

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-37-30 (VW-37-D)	1999 1stQ	ND	ND	ND	ND	ND	0.71	ND	ND	2.3	ND	ND	ND	1.9	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	0.65	ND	ND	1.4	ND	ND	0.97	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	1.1	ND	ND	ND	ND	1.9	ND	ND	ND	4.4	ND	ND	2.4	ND	ND	1.7	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	1.8	ND	ND	ND	ND	2.4	ND	ND	ND	6.2	ND	0.59	2.5	ND	ND	1.1	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	3.5	ND	ND	ND	ND	1.1	ND	ND	ND	11	ND	ND	0.96	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	4.7	<0.88	<0.98	<0.88	<0.73	1.7	<0.98	<0.47	<0.52	18	<0.87	<0.92	1.8	<0.39	<0.94	0.7	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	4.7	<0.88	<0.98	<0.88	<0.73	3.2	<0.98	<0.47	<0.52	25	<0.87	0.59	2.8	<0.39	<0.94	1.1	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	3.2	<0.88	<0.98	<0.88	<0.73	6.7	<0.98	<0.47	<0.52	23	<0.87	1.1	4.2	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<1.1 UJ2	<1.5 UJ2	<1.0 UJ2	<1.3 UJ2	<1.5 UJ2	<1.7 UJ2	<1.5 UJ2	<1.3 UJ2	690 J2,C	<1.7 UJ2	<0.82 UJ2	<0.90 UJ2	12 J2	<1.5 UJ2	<1.6 UJ2,C	4.3 J2,C	<0.67 UJ2	<1.6 UJ2	1.7 J2,C	<1.0 UJ2	<1.2 UJ2	<1.2 UJ2	<1.2 UJ2
	12/20/2006	<0.24	<0.33	<0.23	0.6	<0.33	<0.37	<0.33	<0.28	1.3	<0.37	<0.18	<0.20	11	<0.33	0.37	1.5	<0.15	<0.36	0.5	<0.22	<0.25	<0.25	<0.25
	3/12/2007	<0.25	<0.34	<0.24	0.5	<0.35	<0.39	<0.35	<0.29	2.8	0.49	<0.19	<0.21	9.2	<0.34	0.94	2.9	<0.15	<0.37	1.1	<0.23	<0.26	<0.26	<0.26
	3/12/2007 Dup	<0.26	<0.35	<0.24	0.49	<0.36	<0.40	<0.36	<0.30	2.4	0.43	<0.19	<0.21	10	<0.36	0.75	2.5	<0.16	<0.39	0.95	<0.24	<0.27	<0.27	<0.27
	6/23/2007	<0.27	<0.27	<0.26	0.49	<0.38	<0.42	<0.38	<0.31	1.6	0.72	<0.20	<0.22	10	<0.37	0.7	3.4	<0.17	<0.40	1.3	<0.25	<0.28	<0.28	<0.28
	9/18/2007	<0.52	<0.71	<0.49	<0.61	<0.73	<0.81	<0.73	<0.61	5.2	<0.81	<0.39	<0.43	8.6	<0.72	<0.76	2.5	<0.32	1	0.87	<0.48	<0.55	<0.55	<0.55
	12/20/2007	<0.24	<0.32	<0.22	0.4	<0.33	<0.37	<0.33	<0.28	1.2	<0.37	<0.18	<0.2	9	<0.33	0.36	1.4	<0.15	<0.35	0.42	<0.22	<0.25	<0.25	<0.25
	6/5/2008	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	3.2	<0.36	<0.17	<0.19	3.7	<0.32	1.6	7	<0.14	<0.34	2.3	<0.21	<0.24	<0.24	<0.24
	1/5/2009	<0.23	<0.31	<0.21	0.3	<0.31	<0.35	<0.31	<0.26	5.7	<0.35	<0.17	<0.19	<0.21	<0.31	1	3.9	<0.14	<0.33	1.1	<0.21	<0.24	<0.24	<0.24
	1/5/2009 Dup	<0.22	<0.3	<0.21	0.27	<0.3	<0.34	<0.3	<0.25	4.9	<0.34	<0.16	<0.18	<0.2	<0.3	0.88	3.3	<0.13	<0.32	0.94	<0.2	<0.23	<0.23	<0.23
VW-38-10 (VW-38-S)	1998 1stQ	--	--	--	0.69	--	--	--	--	1.5	--	0.73	--	1.3	--	0.69	2.7	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	1	--	--	--	1.2	--	--	0.81	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	5.3	--	--	--	1.5	--	0.97	3.9	--	--	1.6	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	1.4	--	--	--	3.3	--	--	1.3	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	1.4	ND	ND	3	ND	ND	2.1	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3.7	ND	ND	ND	2	ND	0.85	3.6	ND	ND	1.7	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	0.82	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	9.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.5	<0.98	<0.47	<0.52	1.8	<0.87	0.72	3.4	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.60	<7.2	<0.88	<0.98	<0.88	<0.73	3.2	<0.98	<0.47	<0.52	12	<0.87	0.6	2.5	<0.39	<0.94	0.83	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	8.2	<0.98	<0.47	<0.52	<0.59	<0.87	2.8	14	<0.39	<0.94	4.6	<0.58	<0.67	<0.67	<0.67
	12/27/2005	<1.4	<1.9	<1.3	<1.7	<2.0	<2.2	<2.0	<1.7	690 C	<2.2	<1.1	**<1.2 UJ9**	<1.3	<2.0	<2.1 C	2.3 C	<0.87	<2.1	<2.1 C	<1.3	<1.5	<1.5	<1.5
	12/14/2006	<0.24	<0.33	<0.23	4	<0.33	<0.37	<0.33	<0.28	2.6	<0.37	<0.18	<0.20	3.3	<0.33	0.56	2.1	<0.15	<0.35	0.68	<0.22	<0.25	<0.25	<0.25
	3/12/2007	<0.24	<0.33	<0.23	<0.29	<0.34	<0.38	<0.34	<0.28	3.4	<0.38	<0.18	<0.20	0.66	<0.33	0.81	2.9	<0.15	<0.36	1.1	<0.22	<0.26	<0.26	<0.26
	6/23/2007	<0.28	<0.37	<0.26	<0.32	<0.38	0.62	<0.38	<0.32	18	0.48	<0.20	<0.23	1.6	<0.38	2.7	9.8	<0.17	<0.41	2.3	<0.25	<0.29	<0.29	<0.29
	9/23/2007	<0.25	<0.34	<0.24	<0.30	<0.35	<0.39	<0.35	<0.29	2.5	<0.39	<0.19	<0.21	0.81	<0.35	<0.37	1.2	<0.15	<0.37	0.43	<0.23	<0.26	<0.26	<0.26
	12/20/2007	<0.19	<0.26	<0.18	<0.23	<0.27	<0.3	<0.27	<0.22	3.8	<0.3	<0.14	<0.16	0.53	<0.27	0.72	2.7	<0.12	<0.29	0.85	<0.18	<0.2	<0.2	<0.2
	6/5/2008	<0.23	<0.31	<0.22	0.27	<0.32	<0.35	<0.32	<0.27	3.5	<0.35	<0.17	<0.19	1	<0.31	0.61	1.9	<0.14	<0.34	0.55	<0.21	<0.24	<0.24	<0.24
	12/13/2008	<0.22	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.25	1.1	<0.34	<0.16	<0.18	0.38	<0.3	0.39	1.2	<0.13	<0.33	0.37	<0.2	<0.23	<0.23	<0.23
VW-38-34 (VW-38-D)	1998 1stQ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	3.6	--	--	--	3	--	--	--	--	--	--	--	--	--	--
	1998 4thQ	--	3.7	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--	--	3.6	--
	1999 1stQ	ND	ND	ND	4	ND	1.1	ND	ND	5	ND	ND	ND	250	0.59	1.3	3.2	ND	2.3	1.8	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	1.5	ND	ND	ND	ND	0.78	ND	ND	ND	4.5	ND	ND	ND	ND	ND	2.1	ND	ND	5.7	ND
	1999 3rdQ	ND	ND	ND	2.2	ND	ND	ND	ND	2.5	ND	ND	ND	5.6	ND	0.69	2.4	ND	ND	3.3	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	<6.4	<8.7	<6	13	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	**<5.2 UJ9**	14	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	4.7	<6.7
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.2	<0.98	<0.47	<0.52	0.59	<0.87	<0.92	<2.3	<0.39	<0.94	0.9	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	15	<0.88	0.82	<0.88	<0.73	7	35	<0.47	<0.52	14	<0.87	2	6.4	<0.39	<0.94	3.2	<0.58	<0.67	1.4	<0.67
	2000 4thQ	<3.2	<4.3	<3	11	<4.4	<4.9	<4.4	<3.7	3.4	<4.9	<2.3	**<2.6 UJ9**	14	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	3	<3.3
	12/27/2005	<0.23	<0.31	<0.21	<0.26	<0.31	<0.35	<0.31	<0.26	24 C	<0.35	<0.17	<0.18	0.29	<0.31	5.4 C	16 C	<0.14	<0.33	5.7 C	<0.21	<0.24	<0.24	<0.24
	12/14/2006	<2.6	<3.5	<2.4	<3.0	<3.5	<3.9	<3.5	<3.0	<4.3	<3.9	<1.9	**<2.1 UJ9**	6.8	<3.5	<3.7	<3.7	<1.6	<3.8	<3.7	<2.3	<2.7	<2.7	<2.7
	3/12/2007	<0.25	<0.34	<0.24	0.93	<0.35	<0.39	<0.35	<0.29	3.2	<0.39	<0.19	<0.21	3.7	<0.35	1	3	<0.15	<0.37	1.1	<0.23	<0.26	<0.26	<0.26
	6/23/2007	<0.25	<0.34	<0.23	0.94	<0.34	<0.38	<0.34	<0.29	3.5	<0.38	<0.18	<0.20	3.9	<0.34	1.4	6.7	<0.15	0.37 M	2.5	<0.23	<0.26	<0.26	<0.26
	9/23/2007	<0.25	<0.34	<0.23	0.89	<0.34	<0.38	<0.34	<0.28	3.6	<0.38	<0.18	<0.20	3	<0.34	0.43	1.7	<0.15	<0.36	0.65	<0.23	<0.26	<0.26	<0.26
	9/23/2007 Dup	<0.24	<0.33	<0.23	0.96	<0.34	<0.38	<0.34	<0.28	3.6	<0.38	<0.18	<0.20	3.2	<0.33	0.42	1.7	<0.15	<0.36	0.64	<0.22	<0.26	<0.26	<0.26
	12/20/2007	<0.21	<0.28	<0.19	1	<0.29	<0.32	<0.29	<0.24	2.3	<0.32	<0.15	<0.17	2.9	<0.28	0.68	2.3	<0.13	<0.31	0.68	<0.19	<0.22	<0.22	<0.22
	6/5/2008	<0.23	<0.31	<0.21	<0.26	<0.31	<0.35	<0.31	<0.26	3.1	<0.35	<0.17	<0.18	2.6	<0.31	0.74	2.8	<0.14	<0.33	1	<0.21	<0.24	<0.24	<0.24
	12/13/2008	<2.5	<3.4	<2.3	<2.9	<3.5	<3.8	<3.5	<2.9	<4.2	<3.8	<1.8	<2	4.1	<3.4	<3.6	<3.6	<1.5	<3.7	<3.6	<2.3	<2.6	<2.6	<2.6
	12/13/2008 Dup	<1.5	<2.1	<1.4	<1.8	<2.1	<2.4	<2.1	<1.8	<2.6	<2.4	<1.1	<1.3	4.7	<2.1	<2.2	<2.2	<0.93	<2.3	<2.2	<1.4	<1.6	<1.6	<1.6
VW-39-07 (VW-39-S)	1998 1stQ	--	--	2.7	2.6	--	--	--	--	1.9	--	1.9	--	4.2	--	--	1.5	1.9	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	6.8	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	4.1	--	--	--	9.5	--	--	--	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	5.2	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	8.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	12	ND	ND	3.1	ND	ND	2.2	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	8	ND	1.2	4.6	ND	ND	2	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	0.92	ND	ND	ND	4.4	ND	ND	2	ND	ND	0.95	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	6.4	ND	ND	2.5	ND	ND	1.1	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	4.7	<0.98	<0.47	<0.52	7.4	<0.87	0.91	4.3	<0.39	<0.94	1.8	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	3.5	<0.88	<0.98	<0.88	<0.73	6.2	<0.98	<0.47	<0.52	6	<0.87	0.86	2.5	<0.39	<0.94	1.1	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.1	<0.98	<0.47	<0.52	6	<0.87	<0.92	3.2	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<2.1 UJ2	<2.8 UJ2	<1.9 UJ2	<2.4 UJ2	<2.8 UJ2	<3.1 UJ2	<2.8 UJ2	<2.4 UJ2	470 J2,C	<3.2 UJ2	<1.5 UJ2	**<1.7 UJ2,UJ9**	3.1 J2	<2.8 UJ2	<3.0 UJ2,C	<3.0 UJ2,C	<1.2 UJ2	<3.0 UJ2	<3.0 UJ2,C	<1.9 UJ2	<2.1 UJ2	<2.1 UJ2	<2.1 UJ2
	12/14/2006	<0.26	<0.35	<0.24	11	<0.36	1.8	<0.36	<0.30	4.2	<0.40	<0.19	<0.21	13	<0.35	1.2	4	<0.16	<0.38	1.3	<0.24	<0.27	<0.27	<0.27
	3/12/2007	<0.21	<0.28	<0.19	<0.24	<0.28	<0.31	<0.28	<0.24	2.4	<0.32	<0.15	<0.17	3.7	<0.28	0.72	2.6	<0.12	<0.30	1	<0.19	<0.21	<0.21	<0.21
	6/23/2007	<0.26	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.30	14	<0.39	<0.19	<0.21	6.3	<0.35	4.3	21	<0.16	0.88	8.2	<0.23	<0.27	<0.27	<0.27

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-39-07 (VW-39-S)	9/18/2007	0.83	3.7	<0.16	13.4	78.4	<0.16	8.16	<0.76 V,UJ10	<0.61	<0.40	<0.59	4.7 M,J6	0.62	<0.39	<0.45	0.9	4.4	<0.39	<0.39	<0.43	<2.2	<0.53	<0.39	<0.32	<0.39	<0.29	<0.49
	12/20/2007	<0.75	2.2	<0.15	12	81.3	<0.15	6.66	<0.59 V	<0.47	<0.31	<0.46	4.3 M	0.56	<0.31	<0.35	0.79	<0.39	<0.31	<0.3	<0.34	<1.7	0.46	<0.31	<0.25	<0.3	<0.22	0.58
	6/5/2008	<0.77	4.7	<0.15	13.5	79.4	<0.15	7.09	<0.67	<0.54	<0.35	<0.52	3.5 M	0.52	<0.35	<0.4	0.71	<0.44	<0.35	<0.34	<0.38	<2	<0.47	<0.35	<0.28	<0.34	<0.25	1.1
	12/13/2008	<0.83	7	<0.17 V	13.3	80.2	<0.17	6.47	<7.1	<5.7	<3.8	<5.5	<31	<2.6	<3.7	<4.2	<1.9	<4.7	<3.7	<3.6	<4	<21	<4.9	<3.7	<3	<3.6	<2.7	<4.6
VW-39-30 (VW-39-D)	1998 1stQ	0.59	57	--	--	--	--	--	--	--	--	--	1.6	0.99	--	--	--	3.4	--	--	1	--	--	--	1.1	1.5	160	--
	1998 2ndQ	0.72	59	--	--	--	--	--	--	--	--	--	11	--	--	--	--	16	--	--	--	--	--	--	--	--	230	--
	1998 3rdQ	0.85	83	--	--	--	--	--	--	--	--	--	4.5	0.89	--	--	--	5.3	--	0.95	8	--	--	1.2	--	--	50	0.91
	1998 4thQ	0.67	72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.8	--
	1999 1stQ	ND	12	--	--	--	--	--	ND	ND	ND	ND	2	0.79	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND	4	ND
	1999 2ndQ	ND	22	--	--	--	--	--	ND	ND	ND	ND	11	0.8	ND	ND	ND	2.5	ND	ND	ND	ND	1.6	ND	ND	ND	2.7	ND
	1999 3rdQ	ND	5.6	--	--	--	--	--	ND	ND	ND	ND	2.5	0.7	ND	ND	ND	0.91	ND	ND	1.2	ND	3.9	ND	ND	ND	1.5	ND
	1999 4thQ	0.69	12	--	--	--	--	--	ND	ND	ND	ND	5.9	0.82	ND	ND	ND	ND	ND	ND	3.5	ND	13	ND	ND	ND	1.2	ND
	2000 1stQ	0.7	8.2	--	--	--	--	--	1.2	<1.6	<1	<1.5	34	0.79	<1	<1.2	<0.52	26	<1	<0.99	<1.1	2.5	<1.4	<1	<0.82	<0.99	0.74	<1.3
	2000 2ndQ	0.58	21	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.5	1.1	<1	<1.2	<0.52	<1.3	<1	<0.99	1.2	<1.1	6.5	<1	<0.82	<0.99	0.49	<1.3
	2000 3rdQ	0.75	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	13	2	<1	<1.2	0.54	<1.3	<1	<0.99	3.1	<1.1	5.8	<1	<0.82	<0.99	<0.73	0.91
	2000 4thQ	0.53	9.2	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3	2.6	<1	<1.2	0.66	4.8	<1	<0.99	1.5	<1.1	4	<1	<0.82	<0.99	<0.73	<1.3
	2001 3rdQ	0.72	76	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	16	2.7	<1	<1.2	<1.6	<1.3	<1	<0.99	<1.1	<1.1	2.2	<1	<0.82	<0.99	<0.73	<1.3
	12/28/2005	0.83 J7	6.6	<0.14	3.13	87.5	<0.14	9.38	<26 UJ2	**<21 UJ2, UJ9**	<14 UJ2	<21 UJ2	250 J2,C	<9.7 UJ2	<14 UJ2	<16 UJ2	<7.1 UJ2	<17 UJ2	<14 UJ2	<13 UJ2	<15 UJ2	<15 UJ2	<18 UJ2	<14 UJ2	<11 UJ2	<13 UJ2	<10 UJ2	**<17 UJ2,UJ9,C**
	12/14/2006	<0.82	4.1	<0.16	10.7	83.1	<0.16	6.27	<0.79	<0.64	<0.42	<0.62	7.4	0.55	<0.41	<0.47	1.2	13	<0.41	<0.40	<0.45	1.5 M	3	<0.41	<0.33	<0.40	<0.30	7.4
	3/12/2007	0.81	8.7	<0.16	4.42	86.1	<0.16	9.46	<0.76	<0.61	<0.40	<0.60	14	0.72	<0.40	<0.45	3	6.9	<0.40	<0.39	<0.44	1.8	2.9	<0.40	<0.32	<0.39	<0.29	**13**
	6/23/2007	<0.95	11	<0.19	4.92	85.7	<0.19	9.35	<0.76	<0.61	<0.40	<0.60	29	0.88	<0.40	<0.45	3.1	<0.50	<0.40	<0.39	<0.44	3.5 M	0.72	<0.40	<0.32	<0.39	<0.29	9.9
	9/18/2007	<0.95	11	<0.19	4.92	85.7	<0.19	9.35	<0.75 V,UJ10	<0.60	<0.40	<0.58	6.8 M,J6	0.98	<0.39	<0.44	3.1	<0.49	<0.39	<0.38	<0.43	<2.2	0.87	<0.39	<0.32	<0.38	<0.28	1.2
	12/20/2007	0.85	2.5	<0.15	7.32	84.1	<0.15	8.57	<0.7 V	<0.57	<0.37	<0.55	3.9 M	0.8	<0.37	<0.42	2.3	0.56	<0.37	<0.36	<0.4	<2.1	<0.49	<0.37	<0.3	<0.36	<0.27	1.7
	6/5/2008	0.73	5.1	<0.12	7.79	83.8	<0.12	8.41	<0.55	<0.45	<0.29	<0.43	3.8 M	0.94	<0.29	<0.33	4	<0.37	<0.29	<0.28	<0.32	<1.6	<0.39	<0.29	<0.23	<0.28	<0.21	1.4
	12/13/2008	<0.81	6.9	<0.16 V	5.69	84.7	<0.16	9.65	<0.69	<0.56	<0.37	<0.54	<3	1.2	<0.36	<0.41	6.7	<0.46	<0.36	<0.35	<0.4	<2	<0.48	<0.36	<0.29	<0.35	<0.26	<0.45
VW-41-07 (VW-41-S)	1998 1stQ	3.4	2.1	--	--	--	--	--	5.5	--	--	--	42	--	--	--	--	9	--	--	--	--	7.7	--	1.1	--	67	--
	1998 2ndQ	--	48	--	--	--	--	--	--	--	--	--	5.3	--	--	--	--	5.4	--	--	--	--	0.79	--	--	--	34	--
	1998 3rdQ	0.59	110	--	--	--	--	--	--	--	--	--	3.4	--	--	--	--	4.8	--	--	3.9	--	--	--	--	--	23	--
	1998 4thQ	--	22	--	--	--	--	--	1.8	--	--	--	34	--	--	--	--	3.1	--	--	--	--	2.4	--	--	--	17	--
	1999 1stQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	1.7	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	9.8	ND
	1999 2ndQ	ND	9.7	--	--	--	--	--	ND	ND	ND	ND	4.3	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	7.8	ND
	1999 3rdQ	0.75	2.1	--	--	--	--	--	ND	ND	ND	ND	4.6	ND	ND	ND	ND	3.3	ND	ND	ND	ND	ND	ND	ND	ND	5.8	ND
	1999 4thQ	1.5	2.5	--	--	--	--	--	ND	ND	ND	ND	5.1	ND	ND	ND	ND	ND	ND	ND	2.4	ND	12	ND	ND	ND	3.1	1.1
	2000 1stQ	ND	2.9	--	--	--	--	--	ND	ND	ND	ND	7.1	ND	ND	ND	ND	7.1	ND	ND	ND	ND	2.5	ND	ND	ND	4.2	ND
	2000 2ndQ	ND	9.9	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.2	<0.71	<1	<1.2	<0.52	7.9	<1	<0.99	1.1	<1.1	7.4	<1	<0.82	<0.99	3.1	<1.3
	2000 3rdQ	1.1	9.2	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.8	<0.71	<1	2.6	1.1	<1.3	<1	<0.99	3.1	<1.1	4.6	<1	<0.82	<0.99	2.2	1.2
	2000 4thQ	0.63	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.7	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	3.4	<1.1	7.7	<1	<0.82	<0.99	2.1	0.78
	2001 3rdQ	1.9	14	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	3.7	<1.4	<1	<1.2	<1.6	9.8	<1	<0.99	<1.1	<1.1	2.3	<1	<0.82	<0.99	<0.73	<1.3
	12/28/2005	<0.72	3.9	<0.14	17.2	78.3	<0.14	4.44	<2.8	<2.2	<1.5	<2.2	99 J5,C	<1.0	<1.4	<1.6	<0.75	2.3 J5	<1.4	<1.4	<1.6	<1.6	<1.9	<1.4	<1.2	<1.4	<1.0	2.3 J5,C
	12/19/2006	2.9	1.5	<0.15	21.6	76.8	<0.15	1.63	<0.74	<0.60	<0.39	<0.58	6.1 M	<0.27	<0.39	<0.44	<0.20	<0.49	<0.39	<0.38	<0.42	<0.43	0.58	<0.39	<0.31	<0.38	<0.28	2.8
	3/22/2007	<0.75	1.6	<0.15	17.5	77.4	<0.15	5.14	<0.73	<0.59	<0.39	<0.57	<3.2	<0.27	<0.38	<0.43	<0.20	0.9	<0.38	<0.37	<0.42	<0.43	0.52	<0.38	<0.31	<0.37	<0.28	2.7
	7/2/2007	<0.80	5.4	<0.16	18.4	77	<0.16	4.62	<0.78	<0.63	<0.41	<0.61	9.0*	0.31	<0.40	<0.46	<0.21	<0.51	<0.40	<0.40	<0.44	1.4	3.1	<0.40	<0.33	<0.40	<0.29	**25**
	7/2/2007 Dup	<0.78	4.1	<0.16	18.4	76.8	<0.16	4.83	<0.76	<0.61	<0.40	<0.59	9.5*	<0.28	<0.39	<0.45	<0.20	0.99	<0.39	<0.39	<0.43	1.6	2.2	<0.39	<0.32	<0.39	<0.29	**21**
	9/18/2007	1.9	2.5	<0.15	21.6	76.9	<0.15	1.47	<0.74 V,L,UJ10, UJ14	<0.59	<0.39	<0.58	7.2	0.29	<0.38	<0.44	<0.20	1.2	<0.38	<0.38	<0.42	<2.2	2.2	<0.38	<0.31	<0.38	<0.28	0.97
	1/2/2008	<0.79	2.9	<0.16	18.5	77.4	<0.16	4.03	<0.77	<0.62	<0.41	<0.6	7.4	0.35	<0.4	<0.45	<0.21	2.5	<0.4	<0.39	<0.44	<2.2	1.6	<0.4	<0.32	<0.39	<0.29	4.3
	1/2/2008 Dup	<0.97	2.8	<0.19	18.2	77.4	<0.19	4.4	<0.94	<0.76	<0.5	<0.74	4.6	0.35	<0.49	<0.56	<0.25	<0.62	<0.49	<0.48	<0.54	<2.8	<0.66	<0.49	<0.4	<0.48	<0.36	5
	6/10/2008	1.1	3.6	<0.17	20.5	76.9	<0.17	2.64	<0.72	<0.58	<0.38	<0.56	6.4	<0.26	<0.37	<0.43	<0.19	<0.47	<0.37	<0.37	<0.41	<2.1	1.2	<0.37	<0.3	<0.37	<0.27	**10**
	1/12/2009	1.2	4	<0.14	20.7	77.6	<0.14	1.74	<0.61	<0.49	<0.33	<0.48	15	0.26	<0.32	<0.36	<0.16	<0.41	<0.32	<0.31	<0.35	<1.8	0.82	<0.32	<0.26	<0.31	<0.23	1
	1/12/2009 Dup	1.3	4.9	<0.14	20.7	77.6	<0.14	1.76	<0.61	<0.49	<0.32	<0.48	9.6	0.28	<0.32	<0.36	<0.16	<0.4	<0.32	<0.31	<0.35	<1.8	0.82	4	<0.26	<0.31	<0.23	0.91
VW-41-20 (VW-41-D)	1998 1stQ	--	57	--	--	--	--	--	--	--	--	--	2.8	--	--	--	--	4.4	--	--	--	--	--	--	--	--	35	--
	1998 2ndQ	--	76	--	--	--	--	--	--	--	--	--	5.8	--	--	--	--	7.4	--	--	--	--	2.3	--	--	--	22	--
	1998 3rdQ	--	98	--	--	--	--	--	--	--	--	--	1.9	--	--	--	--	0.84	--	--	3	--	--	--	--	--	15	--
	1998 4thQ	--	12	--	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--	16	--
	1999 1stQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND
	1999 2ndQ	ND	8.6	--	--	--	--	--	ND	ND	ND	ND	5.1	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	9.6	ND
	1999 3rdQ	ND	3.5	--	--	--	--	--	5.7	ND	0.71	ND	8.1	ND	ND	ND	ND	ND	ND	ND	ND	0.96	2.9	ND	ND	ND	7.4	ND
	1999 4thQ	ND	7	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	ND	ND	2.3	ND	14	ND	ND	ND	7.4	ND
	2000 1stQ	ND	4.1	--	--	--	--	--	ND	ND	ND	ND	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.2	ND
	2000 2ndQ	ND	27	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.2	<0.71	<1	<1.2	<0.52	25	<1	<0.99	1.3	<1.1	13	<1	<0.82	<0.99	3.7	<1.3
	2000 3rdQ	1.1	9.2	--	--	--	--	--	<1.9	<1.6	<1	<1.5	15	<0.71	<1	<1.2	<0.52	17	<1	<0.99	2.9	<1.1	5.8	<1	<0.82	<0.99	3.3	<1.3
	2000 4thQ	<0.5	8.9	--	--	--	--	--	<1.9	<1.6	<1	<1.5	49	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	5.9	<1.1	12	<1	<0.82	<0.99	2.8	1
	2001 3rdQ	1	38	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	5.9	<1.4	<1	<1.2	<1.6	2.7	<1	<0.99	<1.1	<1.1	1.8	<1	<0.82	<0.99	1.1	<1.3
	12/28/2005	<0.68	5.3	<0.14	14.1	79.2	<0.14	6.69	<3.3 UJ2	<2.7 UJ2	<1.8 UJ2	<2.6 UJ2	140 J2,J8,C	<1.2 UJ2	<1.7 UJ2	<2.0 UJ2	<0.89 UJ2	<2.2 UJ2	<1.7 UJ2	<1.7 UJ2	<1.9 UJ2	<1.9 UJ2	2.3 J2	<1.7 UJ2	<1.4 UJ2	<1.7 UJ2	<1.2 UJ2	9.8 J2,C
	12/28/2005 Dup	<0.67	4.8	<0.13	14.2	79.1	<0.13	6.67	<2.1 UJ2	<1.7 UJ2	<1.1 UJ2	<1.7 UJ2	70 J2,J5,J8,C	<0.79 UJ2	<1.1 UJ2	<1.3 UJ2	<0.58 UJ2	<1.4 UJ2	<1.1 UJ2	<1.1 UJ2	<1.2 UJ2	<1.3 UJ2	2.4 J2,J5	<1.1 UJ2	<0.91 UJ2	<1.1 UJ2	<0.81 UJ2	**12 J2,J5,C**
	12/19/2006	<0.77	2.3	<0.15	16.7	77.3	<0.15	5.97	<0.74	<0.60	<0.39	<0.58	4.6	<0.27	<0.39	<0.44	<0.20	<0.49	<0.39	<0.38	<0.42	<0.43	0.55	<0.39	<0.31	<0.38	<0.28	3.5
	3/22/2007	<0.74	1.5	<0.15	16.8	77.3	<0.15	5.91	<1.8	<1.4	<0.95	<1.4	<7.7	<0.65	<0.93	<1.1	<0.48	<1.2	<0.93	<0.91	<1.0	<1.0	2	<0.93	<0.75	<0.91	<0.67	**64**
	7/2/2007	<0.82	5	<0.16	16.9	77.3	<0.16	5.76	<0.79	<0.64	<0.42	<0.62	<3.4*	<0.29	<0.41	<0.47	<0.21	0.79	<0.41	<0.40	<0.45	0.55	0.59	<0.41	<0.33	<0.40	<0.30	**11**
	9/18/2007	1.4	4.2	<0.19	18.4	77.5	<0.19	4.09	<1.8 V,L,UJ10,UJ14	<1.5	<0.97	<1.4	9.7	<0.67	<0.95	6.3 J8	<0.49	1.6	<0.95	<0.93	<1.0	<5.3	1.6	<0.95	<0.77	<0.93	<0.69	<1.2
	9/18/2007 Dup	0.91	3.1	<0.16	18.3	77.5	<0.16	4.19	<0.78 V,UJ10	<0.63	<0.41	<0.61	6.4	<0.29	<0.41	<0.46 UJ8	<0.21	2.6	<0.41	<0.40	<0.45	<2.3	2.5	<0.41	<0.33	<0.40	<0.30	<0.50
	1/2/2008	4.7	5.6	<0.16	17.4	77	<0.16	5.58	<6.1	<4.9	<3.3	<4.8	<27	<2.3	<3.2	<3.6	<1.6	<4.1	<3.2	<3.1	<3.5	<18	<4.3	<3.2	<2.6	<3.1	<2.3	7.6
	6/10/2008	1.1	2.8	<0.16	20.2	77.9	<0.16	1.88	<0.68	<0.55	<0.36	<0.53	<2.9	<0.25	<0.35	<0.4	<0.18	0.7	<0.35	<0.35	<0.39	<2	<0.47	<0.35	<0.29	<0.35	<0.26	1.4
	1/12/2009	1.4	3.8	<0.14	20.5	77.8	<0.14	1.72	<0.63	<0.51	<0.33	<0.49	24	0.25	<0.33	<0.37	<0.17	<0.42	<0.33	<0.32	<0.36	<1.8	1.9	<0.33	<0.27	<0.32	<0.24	2.3
VW-42-10 (VW-42-S)	1998 3rdQ	2	45	--	--	--	--	--	--	ND	--	--	7.7	--	--	--	--	4.1	--	--	2.9	--	--	--	**38**	--	--	ND
	1998 4thQ	1.3	41	--	--	--	--	--	--	ND	--	--	7.1	0.51	--	--	--	2.7	--	--	18	--	--	--	5	--	--	1.7
	1999 1stQ	ND	12	--	--	--	--	--	ND	ND	ND	ND	5.9	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	0.91	8.2	--	--	--	--	--	ND	ND	ND	ND	7.9	ND	ND	ND	ND	3.4	ND	ND	ND	ND	3	ND	ND	ND	ND	ND
	1999 3rdQ	ND	4.1	--	--	--	--	--	ND	ND	ND	ND	8.5	ND	ND	ND	ND	1.4	ND	ND	0.95	ND	4.5	ND	0.87	ND	ND	ND
	1999 4thQ	ND	5	--	--	--	--	--	3.5	ND	ND	ND	2.4	ND	ND	ND	ND	8	ND	ND	ND	ND	5.2	ND	ND	ND	ND	0.99

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-39-07 (VW-39-S)	9/18/2007	<0.25	<0.34	<023	<0.29	<0.34	<0.38	<0.34	<0.29	<0.41	<0.38	<0.18	<0.20	4	<0.34	<0.36	<0.36	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	12/20/2007	<0.19	<0.26	<0.18	<0.23	<0.27	<0.3	<0.27	<0.22	1.8	<0.3	<0.14	<0.16	3.6	<0.26	0.46	1.7	<0.12	<0.28	0.53	<0.18	<0.2	<0.2	<0.2
	6/5/2008	<0.22	<0.3	<0.21	<0.26	<0.3	<0.34	<0.3	<0.25	2.7	<0.34	<0.16	<0.18	2.3	<0.3	0.93	4.1	<0.13	<0.32	1.5	<0.2	<0.23	<0.23	<0.23
	12/13/2008	<2.3	<3.2	<2.2	<2.7	<3.2	<3.6	<3.2	<2.7	<3.9	<3.6	<1.7	<1.9	2.3	<3.2	<3.4	<3.4	<1.4	<3.4	<3.4	<2.1	<2.4	<2.4	<2.4
VW-39-30 (VW-39-D)	1998 1stQ	--	--	--	--	--	--	--	--	0.77	--	--	--	10	--	--	1.1	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	1.8	--	--	--	11	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	1	--	--	7.2	--	--	--	9.5	--	1.2	4.8	--	--	2	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	0.68	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	1.8	ND	ND	ND	11	ND	ND	2.2	ND	ND	1.4	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3.5	ND	ND	ND	10	ND	0.81	3.4	ND	ND	1.5	ND	ND	ND	ND
	2000 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	0.87	<0.47	<0.52	10	<0.87	<0.92	1.1	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2	<0.98	<0.47	<0.52	7.4	<0.87	<0.92	2.2	<0.39	<0.94	0.89	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	0.62	<0.88	<0.98	<0.88	<0.73	5.5	<0.98	<0.47	<0.52	9.4	<0.87	1.2	5.8	<0.39	<0.94	2.6	<0.58	<0.67	<0.67	1.2
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	4.2	<0.98	<0.47	<0.52	13	<0.87	0.82	3.2	<0.39	<0.94	1.1	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.2	<0.98	<0.47	<0.52	15	<0.87	<0.92	3.1	<0.39	<0.94	1.3	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<8.7 UJ2	<12 UJ2	<8.1 UJ2	<10 UJ2	<12 UJ2	<13 UJ2	<12 UJ2	<10 UJ2	1,100 J2,C	<13 UJ2	<6.4 UJ2	**<7.1 UJ2,UJ9**	<8.0 UJ2	<12 UJ2	<13 UJ2,C	<13 UJ2,C	<5.3 UJ2	<13 UJ2	<13 UJ2,C	<7.9 UJ2	<9.1 UJ2	<9.1 UJ2	<9.1 UJ2
	12/14/2006	<0.26	<0.35	<0.24	1.1	<0.36	<0.40	<0.36	<0.30	3	<0.40	<0.19	<0.21	4.5	<0.35	0.73	3	<0.16	<0.38	1	<0.24	<0.27	<0.27	<0.27
	3/12/2007	<0.25	<0.34	<0.23	<0.29	<0.35	<0.38	<0.35	<0.29	3.8	<0.38	<0.18	<0.20	3.3	<0.34	1.1	3.1	<0.15	<0.37	1.1	<0.23	<0.26	<0.26	<0.26
	6/23/2007	<0.25	<0.34	<0.23	<0.29	<0.35	<0.38	<0.35	<0.29	12	0.42 M	<0.18	<0.20	8.2	<0.34	3.7	16	<0.15	0.52	6.3	<0.23	<0.26	<0.26	<0.26
	9/18/2007	<0.24	<0.33	<0.23	<0.29	<034	<0.38	<0.34	<0.28	7.5	<0.38	<0.18	<0.20	6.8	<0.33	0.78	3.1	<0.15	0.95	0.97	<0.22	<0.26	<0.26	<0.26
	12/20/2007	<0.23	<0.31	<0.22	<0.27	<0.32	<0.35	<0.32	<0.27	2.3	<0.35	<0.17	<0.19	5.1	<0.31	0.7	2.5	<0.14	<0.34	0.72	<0.21	<0.24	<0.24	<0.24
	6/5/2008	<0.18	<0.25	<0.17	<0.21	<0.25	<0.28	<0.25	<0.21	2.2	<0.28	<0.13	<0.15	2.6	<0.25	<0.26	0.48	<0.11	<0.27	<0.26	<0.17	<0.19	<0.19	<0.19
	12/13/2008	<0.23	<0.31	<0.21	<0.27	<0.31	<0.35	<0.31	<0.26	0.90	<0.35	<0.17	<0.19	9.2	<0.31	<0.33	0.95	<0.14	<0.33	<0.33	<0.21	<0.24	<0.24	<0.24
VW-41-07 (VW-41-S)	1998 1stQ	--	--	--	--	--	--	--	--	0.72	--	0.66	--	32	--	0.73	2.7	0.46	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	35	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	2.5	--	--	--	34	--	--	0.99	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	62	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	0.67	ND	ND	ND	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND	ND	ND	84	ND	0.99	3.8	ND	ND	1.5	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	54	ND	0.69	3.4	ND	ND	1.7	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	1.9	<0.98	<0.47	<0.52	26	<0.87	<0.92	2	<0.39	<0.94	0.82	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.1	<0.98	<0.47	<0.52	40	<0.87	0.9	4.1	<0.39	<0.94	1.7	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	6.8	<0.98	<0.47	<0.52	37	<0.87	1.4	5.6	<0.39	<0.94	1.9	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.8	<0.98	<0.47	<0.52	3.3	<0.87	<0.92	2.8	<0.39	<0.94	1.2	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<0.91	<1.2	<0.85	<1.1	<1.3	<1.4	<1.3	<1.0	570 J5,C	<1.4	<0.67	<0.74	9.2 J5	<1.2	<1.3 C	2.6 J5,C	<0.55	<1.3	<1.3 C	<0.83	<0.95	<0.95	<0.95
	12/19/2006	<0.24	<0.33	<0.23	<0.28	<0.34	<0.37	<0.34	<0.28	1.7	<0.37	<0.18	<0.20	17	<0.33	0.41	1.6	<0.15	<0.36	0.54	<0.22	<0.25	<0.25	<0.25
	3/22/2007	<0.24	<0.32	<0.22	0.45	<0.33	<0.37	<0.33	<0.28	3.7	<0.37	<0.18	<0.20	8.1	<0.33	0.79	3.5	<0.15	<0.35	1	<0.22	<0.25	<0.25	<0.25
	7/2/2007	<0.25	<0.35	<0.24	<0.30	<0.35	0.49	<0.35	<0.29	3.2	2	<0.19	<0.21	39	<0.35	1	4.9	<0.15	0.4	1.7	<0.23	<0.27	<0.27	<0.27
	7/2/2007 Dup	<0.25	<0.34	<0.23	<0.29	<0.34	0.39	<0.34	<0.29	2.5	1.6	<0.18	<0.20	38	<0.34	0.93	4.6	<0.15	<0.37	1.6	<0.23	<0.26	<0.26	<0.26
	9/18/2007	<0.24	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	4.3	<0.37	<0.18	<0.20	5	<0.33	0.53	2.2	<0.15	0.55	0.77	<0.22	<0.25	<0.25	<0.25
	1/2/2008	<0.25	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	2.1	<0.39	<0.19	<0.21	4.1	<0.34	0.68	3	<0.15	<0.37	1.1	<0.23	<0.26	<0.26	<0.26
	1/2/2008 Dup	<0.31	<0.42	<0.29	<0.36	<0.43	<0.47	<0.43	<0.36	1.2	<0.47	<0.23	<0.25	6.4	<0.42	0.5	2.3	<0.19	<0.46	0.9	<0.28	<0.32	<0.32	<0.32
	6/10/2008	<0.24	<0.32	<0.22	0.38	<0.33	<0.36	<0.33	<0.27	0.8	<0.36	<0.17	<0.19	5	<0.32	<0.34	0.66	<0.14	<0.35	<0.34	<0.22	<0.25	<0.25	<0.25
	1/12/2009	<0.2	<0.27	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	6.8	<0.31	<0.15	<0.16	2	<0.27	1.6	7	<0.12	<0.3	2.1	<0.18	<0.21	<0.21	<0.21
	1/12/2009 Dup	<0.2	<0.27	<0.19	2	<0.28	<0.31	<0.28	<0.23	6	<0.31	<0.15	<0.16	2.2	<0.27	1.4	6.1	<0.12	<0.3	1.9	<0.18	<0.21	<0.21	<0.21
VW-41-20 (VW-41-D)	1998 1stQ	--	--	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	0.75	--	--	--	14	--	--	0.57	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	1.8	--	--	--	14	--	--	1.1	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	27	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	0.69	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	19	ND	ND	0.93	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	28	ND	0.7	2.9	ND	ND	1.2	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	ND	ND	25	ND	0.7	5.5	ND	ND	2.3	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.7	<0.98	<0.47	<0.52	14	<0.87	0.94	4.2	<0.39	0.73	1.8	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	4.1	<0.98	<0.47	<0.52	22	<0.87	0.77	3.6	<0.39	<0.94	1.4	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	9.2	<0.98	<0.47	<0.52	24	<0.87	1.7	6.5	<0.39	<0.94	2.3	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	7.8	<0.98	<0.47	<0.52	16	<0.87	1.6	5.8	<0.39	<0.94	1.9	<0.58	<0.67	<0.67	<0.67
	12/28/2005	<1.1 UJ2	<1.5 UJ2	<1.0 UJ2	<1.3 UJ2	<1.5 UJ2	<1.7 UJ2	<1.5 UJ2	<1.2 UJ2	690 J2,J8,C	<1.7 UJ2	<0.8 UJ2	<0.89 UJ2	4.9 J2	<1.5 UJ2	2.4 J2,C	11 J2,J8,C	<0.66 UJ2	<1.6 UJ2	6.0 J2	<0.99 UJ2	<1.1 UJ2	<1.1 UJ2	1.6 J2
	12/28/2005 Dup	<0.71 UJ2	<0.96 UJ2	<0.66 UJ2	0.97 J2,J5	<0.98 UJ2	<1.1 UJ2	<0.98 UJ2	<0.81 UJ2	470 J2,J5,J8,C	<1.1 UJ2	<0.52 UJ2	<0.58 UJ2	5.2 J2,J5	<0.96 UJ2	3.5 J2,J5,C	14 J2,J5,J8,C	<0.43 UJ2	<1.0 UJ2	4.5 J2,J5,C	<0.65 UJ2	<0.74 UJ2	<0.74 UJ2	<0.74 UJ2
	12/19/2006	<0.24	<0.33	<0.23	0.77	<0.34	<0.37	<034	<0.28	1.6	<0.37	<0.18	<0.20	6.7	<0.33	0.37	1.5	<0.15	<0.36	0.48	<0.22	<0.25	<0.25	<0.25
	3/22/2007	<0.58	<0.80	<0.55	<0.68	<0.81	<0.90	<0.81	<0.67	1.7	<0.90	<0.43	<0.48	4.6	<0.80	<0.85	1.2	<0.36	<0.86	<0.85	<0.54	<0.61	<0.61	<0.61
	7/2/2007	<0.26	<0.35	<0.24	0.39	<0.36	<0.40	<0.36	<0.30	1.3	<0.40	<0.19	<0.21	9.1	<0.35	0.47	2.3	<0.16	<0.38	0.86	<0.24	<0.27	<0.27	<0.27
	9/18/2007	<0.60	<0.81	<0.56	<0.70	<0.83	<0.92	<0.83	<0.69	6.8 J8	<0.92	<0.44	<0.49	4.5 J8	<0.82	<0.87	3.2 J8	<0.36	1	1.1	<0.55	<0.63	<0.63	<0.63
	9/18/2007 Dup	<0.26	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.30	5.1 J8	<0.39	<0.19	<0.21	3.2 J8	<0.35	0.55	2.2 J8	<0.16	0.74	0.75	<0.23	<0.27	<0.27	<0.27
	1/2/2008	<2	<2.7	<1.9	<2.4	<2.8	<3.1	<2.8	<2.3	<3.4	<3.1	<1.5	**<1.6**	2.4	<2.7	<2.9	<2.9	<1.2	<3	<2.9	<1.8	<2.1	<2.1	<2.1
	6/10/2008	<0.22	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	<0.37	<0.34	<0.16	<0.18	0.98	<0.3	<0.32	0.55	<0.14	<0.33	<0.32	<0.2	<0.23	<0.23	<0.23
	1/12/2009	<0.21	<0.28	<0.19	<0.24	<0.29	<0.32	<0.29	<0.24	14	<0.32	<0.15	<0.17	0.57	<0.28	2.4	9.9	<0.13	<0.31	2.6	<0.19	<0.22	<0.22	<0.22
VW-42-10 (VW-42-S)	1998 3rdQ	--	--	1.6	ND	--	--	--	--	3.1	--	0.58	--	6.2	--	ND	2.3	0.3	--	0.91	--	--	--	--
	1998 4thQ	--	--	--	ND	--	--	--	--	3.8	--	--	--	8.5	--	ND	2.5	--	--	0.7	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	0.8	ND	ND	ND	ND	0.67	ND	ND	ND	4.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	1.8	ND	ND	ND	7	ND	0.64	3.3	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	5.3	ND	1.2	5.3	ND	ND	1.9	ND	ND	ND	ND

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																									
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																		
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-42-10 (VW-42-S)	2000 1stQ	1.8	2	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.7	<0.71	<1	<1.2	<0.52	1.6	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2000 2ndQ	ND	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.3	2.1	<1	<1.2	<0.52	0.93	<1	<0.99	<1.1	<1.1	7.3	<1	<0.82	<0.99	<0.73	<1.3
	2000 3rdQ	1.1	9.7	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.3	<0.71	<1	<1.2	<0.52	7.3	<1	<0.99	<1.1	<1.1	2.4	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	3.6	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.9	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	<1.1	<1.1	1.1	<1	<0.82	<0.99	<0.73	<1.3
	12/20/2005	0.84	2.5	<0.14	17	78.3	<0.14	4.69	<1.9 UJ2	<1.5 UJ2	<1.0 UJ2	<1.5 UJ2	15 M,J2,J6,C	<0.7 UJ2	<0.99 UJ2	<1.1 UJ2	<0.51 UJ2	<1.3 UJ2	<0.99 UJ2	<0.97 UJ2	<1.1 UJ2	<1.1 UJ2	2.5 J2	<0.99 UJ2	<0.80 UJ2	<0.97 UJ2	<0.72 UJ2	**16 J2,C**
	12/22/2006	0.85	1.9	<0.15	17.6	76.9	<0.15	5.5	<0.71	<0.57	<0.38	<0.55	3.6 M	<0.26	<0.37	<0.42	0.24	<0.47	<0.37	<0.36	<0.41	<0.41	0.65	<0.37	<0.30	<0.36	<0.27	3.8
	3/20/2007	<0.72	3.4	<0.14	17.2	77.1	<0.14	5.65	<1.7	<1.4	<0.93	<1.4	<7.6	<0.64	<0.91	<1.0	<0.47	<1.2	<0.91	<0.89	<1.0	<1.0	1.9	<0.91	<0.74	<0.89	<0.66	**65**
	6/24/2007	<0.93	6.4	<0.19	16	76.6	<0.19	7.35	<0.76	<0.61	<0.40	<0.60	<3.3 *,V	<0.28	<0.40	<0.45	0.35	0.99	<0.40	<0.39	<0.44	<0.45	<0.53	<0.40	<0.32	<0.39	<0.29	6.1
	9/26/2007	<0.82	6.8	<0.16	4.14	83.1	<0.16	12.8	<0.79	<0.64	<0.42	<0.62	13 M	<0.29	<0.41	<0.47	0.25	2.2	<0.41	<0.41	<0.46	<2.3	2.5	<0.41	1.3	<0.41	<0.30	**41**
	12/27/2007	1.1	1.6	<0.14	19.6	77.3	<0.14	3.12	<0.68 V	<0.55 V	<0.36	<0.53	3.3 M	<0.25	<0.35	<0.4	<0.18	<0.45 V	<0.35	<0.35	<0.39	<2	<0.47	<0.35	<0.29	<0.35	<0.26	3.2
	6/6/2008	0.89	6.1	<0.17	14.9	76.9	<0.17	8.23	<0.95	<0.77	<0.5	<0.74	19 M	<0.35	<0.49	<0.56	0.28	<0.63	<0.49	<0.48	<0.54	<2.8	4	<0.49	<0.4	<0.48	<0.36	**59**
	12/12/2008	0.77	7.1	<0.14	11.4	77.3	<0.14	11.3	<0.62	<0.5	<0.33	<0.48	9.2 M	<0.23	<0.32	<0.37	0.56	<0.41	<0.32	<0.31	<0.35	<1.8	<0.43	<0.32	<0.26	<0.31	<0.23	<0.4
	12/12/2008 Dup	0.739	7.14	<0.14	11.4	77	<0.14	11.6	<0.62	<0.5	<0.33	<0.48	8.64 M	<0.23	<0.32	<0.37	0.319 D	<0.41	<0.32	<0.31	<0.35	<1.8	<0.43	<0.32	<0.26	<0.31	<0.23	<0.4
VW-42-30 (VW-42-D)	1998 3rdQ	ND	89	--	--	--	--	--	--	ND	--	--	3.4	0.99	--	--	--	1.4	--	--	4.2	--	--	--	--	--	--	ND
	1998 4thQ	ND	76	--	--	--	--	--	--	ND	--	--	5.8	1	--	--	--	1.3	--	--	19	--	--	--	--	--	--	4.3
	1999 1stQ	ND	13	--	--	--	--	--	ND	ND	ND	ND	1.2	0.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	17	--	--	--	--	--	ND	ND	ND	ND	6.5	ND	ND	ND	0.82	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	7.9	--	--	--	--	--	ND	ND	ND	ND	9.5	ND	ND	ND	0.72	1.1	ND	ND	1	ND	5.3	ND	ND	ND	ND	ND
	1999 4thQ	ND	20	--	--	--	--	--	2.2	ND	ND	ND	41	ND	ND	ND	0.76	2.9	ND	ND	ND	ND	7.9	ND	ND	ND	ND	1.1
	2000 1stQ	ND	10	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.6	<0.71	<1	<1.2	0.7	2.6	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2000 2ndQ	ND	27	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.1	<0.71	<1	<1.2	0.69	<1.3	<1	<0.99	<1.1	<1.1	6.5	<1	<0.82	<0.99	<0.73	<1.3
	2000 3rdQ	<0.5	13	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.1	<0.71	<1	<1.2	0.72	1.7	<1	<0.99	<1.1	<1.1	4.2	<1	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	<0.5	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	12	<0.71	<1	<1.2	0.66	<1.3	<1	<0.99	<1.1	<1.1	1.4	<1	<0.82	<0.99	<0.73	<1.3
	12/20/2005	1.1 J2	2.7 J2	<0.14 UJ2	14 J2	79 J2	<0.14 UJ2	6.94 J2	<6.7 UJ2	<5.4 UJ2	<3.6 UJ2	<5.3 UJ2	<29 UJ2,C	<2.5 UJ2	<3.5 UJ2	<4.0 UJ2	<1.8 UJ2	<4.5 UJ2	<3.5 UJ2	<3.4 UJ2	<3.9 UJ2	<3.9 UJ2	<4.7 UJ2	<3.5 UJ2	<2.8 UJ2	<3.4 UJ2	<2.5 UJ2	**21 J2,C**
	12/22/2006	<0.74	3.9	<0.15	9.93	77.8	<0.15	12.3	<0.72	<0.58	<0.38	<0.56	8.8 M	<0.26	<0.37	<0.43	0.8	<0.48	<0.37	<0.37	<0.41	1.6	1.5	<0.37	<0.30	<0.37	<0.27	3.7
	3/20/2007	<0.74	4.3	<0.15	9.57	77.5	<0.15	12.9	<0.72	<0.58	<0.38	<0.56	<3.1	<0.26	<0.37	<0.43	0.82	<0.48	<0.37	<0.37	<0.41	0.82	<0.50	<0.37	<0.30	<0.37	<0.27	**11**
	3/20/2007 Dup	<0.74	5.6	<0.15	9.54	77.5	<0.15	12.9	<0.72	<0.58	<0.38	<0.56	<3.1	<0.26	<0.37	<0.43	0.82	0.75	<0.37	<0.37	<0.41	0.61	0.68	<0.37	<0.30	<0.37	<0.27	**16**
	6/24/2007	<0.80	8.1	<0.16	9.95	77.4	<0.16	12.6	<0.77	<0.62	<0.41	<0.60	4.2 *,V	<0.28	<0.40	<0.46	0.81	1.4	<0.40	<0.39	<0.44	0.71	<0.54	<0.40	<0.33	<0.39	<0.29	6.2
	9/26/2007	<0.87	5.3	<0.17	10.1	77.1	<0.17	12.8	<0.84	<0.68	<0.45	<0.66	17 M	<0.31	<0.44	<0.50	0.87	6.4	<0.44	<0.43	<0.48	<2.5	2.8	<0.44	<0.35	<0.43	<0.32	**33**
	12/27/2007	<0.78	3.8	<0.16	10.6	77	<0.16	12.5	<0.76 V	<0.61 V	<0.40	<0.59	<3.3	<0.28	<0.39	<0.45	0.61	<0.50 V	<0.39	<0.39	<0.43	<2.2	<0.53	<0.39	<0.32	<0.39	<0.29	1.4
	12/27/2007 Dup	<0.83	3.9	<0.17	10.7	77	<0.17	12.3	<0.80 V	<0.65 V	<0.43	<0.63	<3.5	<0.29	<0.42	<0.48	0.58	<0.53 V	<0.42	<0.41	<0.46	<2.3	<0.56	<0.42	<0.34	<0.41	<0.30	1.2
	6/6/2008	<0.82	6.8	<0.16	10.3	77.7	<0.16	12	<0.69	<0.56	<0.37	<0.54	7.6 M	<0.25	<0.36	<0.41	0.65	4.9	<0.36	<0.35	<0.4	<2	1.1	<0.36	<0.29	<0.35	<0.26	9.9
	12/12/2008	1.1	5	<0.14	18.7	75.6	<0.14	5.7	<0.62	<0.5	<0.33	<0.48	<2.7	0.23	<0.32	<0.37	0.21	<0.41	<0.32	<0.31	<0.35	<1.8	<0.43	<0.32	<0.26	<0.31	<0.23	0.61
	12/12/2008 Dup	1.2	5	<0.14	18.6	75.5	<0.14	5.9	<0.61	<0.49	<0.32	<0.48	5.6	<0.22	<0.32	<0.36	0.2	<0.4	<0.32	<0.31	<0.35	<1.8	1.1	<0.32	<0.26	<0.31	<0.23	0.65
VW-42-Ambient	12/22/2006	3	<1.5	<0.15	22.2	77.7	<0.15	<0.15	<0.73	<0.59	<0.39	<0.57	15	<0.27	<0.38	1.2	<0.20	0.72	<0.38	<0.37	<0.42	2.9	3.9	<0.38	<0.31	<0.37	<0.28	1.4
	9/26/2007	1.4	<1.7	<0.17	22.2	77.8	<0.17	<0.17	<0.81	<0.66	<0.43	<0.64	16	0.3	<0.42	<0.48	<0.22	4	<0.42	<0.42	<0.47	<2.4	2	<0.42	<0.34	<0.42	<0.31	<0.53
	1/10/2008	2.8	<1.4	<0.14	22.1	77.9	<0.14	<0.14	<0.69	<0.56	<0.37	<0.54	11	0.31	<0.36	0.67	<0.19	<0.46	<0.36	<0.35	<0.4	<2	1	<0.36	<0.29	<0.35	<0.26	0.91
	6/11/2008	1.7	<1.6	<0.16	22.2	77.8	<0.16	<0.16	<0.68	<0.55	<0.36	<0.53	8.3	<0.25	<0.35	<0.4	<0.18	<0.45	<0.35	<0.35	<0.39	<2	1.1	<0.35	<0.29	<0.35	<0.26	0.93
NON-COMPLIANCE VAPOR WELLS																											
VW-25-35 (VW-25-D)	1998 1stQ	507000	12000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	220	--
	1998 2ndQ	341000	7400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	65000	5300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1998 4thQ	155000	7500	--	--	--	--	--	--	--	--	--	280	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	145000	9300	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	120000	1800	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58	ND	ND	ND	ND
	1999 3rdQ	151000	3900	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76	ND	ND	ND	ND
	2000 1stQ	86500	4500	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	132000	2700	--	--	--	--	--	<480	<390	<260	<380	<420	<180	<250	<290	<130	<320	<250	<250	<280	<280	<340	<250	<200	<250	<180	<310
	12/20/2005	2560	17	<0.14	5.73	82.1	<0.14	11.9	<2.7 UJ2	<2.2 UJ2	<1.5 UJ2	<2.1 UJ2	27 M,J2,J6,C	<1.0 UJ2	<1.4 UJ2	<1.6 UJ2	<0.74 UJ2	8.3 J2	<1.4 UJ2	<1.4 UJ2	<1.6 UJ2	<1.6 UJ2	3.1 J2	<1.4 UJ2	<1.2 UJ2	<1.4 UJ2	<1.0 UJ2	6.8 J2,C
	12/22/2006	2740	12	<0.15	2.36	81.5	<0.15	15.8	<14	<12	<7.6	<11	<62	<5.3	<7.5	<8.5	<3.9	<9.5	<7.5	<7.3	<8.2	<8.4	<10	<7.5	<6.1	<7.3	<5.4	<9.3
	3/22/2007	2,350(1)	11	<0.16	1.39	81.4	<0.16	17	<1.6	<1.3	<0.85	<1.2	<6.9	<0.58	<0.83	<0.94	<0.43	<1.1	<0.83	<0.81	<0.91	<0.93	1.5	<0.83	<0.67	<0.81	<0.60	29
	6/30/2007	490	9.3	<0.16	18	78.5	<0.16	3.52	<7.7	<6.2	<4.1	<6.0	1,400 *	<2.8	<4.0	<4.5	<2.1	9.3	<4.0	<3.9	<4.4	<4.5 L	<5.4	<4.0	<3.2	<3.9	<2.9	14
	9/27/2007	2,580(1)	20	<0.17	1.2	81	<0.17	0.258	<8.0	<6.5	<4.3	<6.3	2800	<2.9	<4.2	<4.8	<2.2	7.2	<4.2	<4.1	<4.6	<23	56	<4.2	<3.4	<4.1	<3.0	<5.2
	12/27/2007	2310 (1)	12	<0.16	0.929	81	<0.16	17.8	<0.77 V	<0.62 V	<0.41	<0.6	1200	<0.28	<0.4	<0.45	<0.21	4.6 V	<0.4	<0.39	<0.44	<2.2	6.7	<0.4	<0.32	<0.39	<0.29	0.91
	6/10/2008	1610 (1)	18	<0.15	1.45	80.9	<0.15	17.5	<1.3	<1	<0.68	<1	1100	<0.47	<0.66	<0.76	<0.34	2.6	<0.66	<0.65	<0.73	<3.7	9.1	<0.66	<0.54	<0.65	<0.48	4.2
	12/14/2008	640	11	<0.16 V	10.5	80	<0.16	9.48	<6.7	<5.4	<3.6	<5.3	420	<2.5	<3.5	<4	<1.8	<4.5	<3.5	<3.4	<3.9	<20	33	<3.5	<2.8	<3.4	<2.5	<4.4
VW-45-12	1998 3rdQ	213000	34000	--	--	--	--	--	--	55	--	--	ND	--	--	--	--	--	10	--	--	--	--	11	--	--	--	9.9
	1998 4thQ	260000	64000	--	--	--	--	--	--	140000	--	--	ND	--	--	--	--	--	9700	--	--	--	--	7700	--	--	--	32000
	1999 1stQ	173000	73000	--	--	--	--	--	--	31000	--	--	ND	--	--	--	--	--	1500	--	--	--	--	--	--	--	--	9500
	1999 2ndQ	179000	39000	--	--	--	--	--	--	75000	--	--	ND	--	--	--	--	--	4300	--	--	--	--	700	--	--	--	23000
	1999 3rdQ	176000	45000	--	--	--	--	--	--	70000	--	--	ND	--	--	--	--	--	2600	--	--	--	--	490	--	--	--	28000
	1999 4thQ	168000	66000	--	--	--	--	--	--	66000	--	--	ND	--	--	--	--	--	1900	--	--	--	--	1100	--	--	--	45000
	2000 1stQ	119000	42000	--	--	--	--	--	<2400	48000	<1300	<1900	<2100	<890	<1300	<1400	<650	<1600	1200	<1200	<1400	<1400	<1700	1100	<1000	<1200	<920	34000
	2000 3rdQ	116000	--	--	--	--	--	--	--	76000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	37000
	2000 4thQ	126000	--	--	--	--	--	--	--	3600	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3400
	2001 3rdQ	158000	--	--	--	--	--	--	--	49000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18000
	2001 4thQ	90500	--	--	--	--	--	--	--	29000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24000
	2002 1stQ	145000	--	--	--	--	--	--	--	25000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20000
	2002 2ndQ	121000	--	--	--	--	--	--	--	25000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	17000
	2002 3rdQ	93800	--	--	--	--	--	--	--	26000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20000
	2002 4thQ	122000	--	--	--	--	--	--	--	28000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19000
	2003 1stQ	137000	--	--	--	--	--	--	--	25000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11000
	2003 2ndQ	967000	--	--	--	--	--	--	--	21000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12000
	2003 3rdQ	145000	--	--	--	--	--	--	--	26000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21000
	2003 4thQ	--	--	--	--	--	--	--	--	23000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15000
VW-45-22	1998 1stQ	61000	11000	--	--	--	--	--	--	380	--	--	ND	--	--	--	--	250	--	--	--	--	--	1400	--	--	--	570
	1998 2ndQ	63100	11000	--	--	--	--	--	--	6500	--	--	ND	--	290	--	--	470	--	180	--	--	--	8000	--	--	--	2800
	1998 3rdQ	90200	14000	--	--	--	--	--	--	87	--	--	ND	--	--	--	--	--	--	--	--	--	--	1.4	--	--	--	4.7

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-42-10 (VW-42-S)	2000 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	3.1	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.5	<0.98	<0.47	<0.52	2.9	<0.87	0.64	2.8	<0.39	2.2	1.2	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	1.9	<0.98	<0.47	<0.52	6	<0.87	<0.92	1.6	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	2.7	<0.87	3.3	17	<0.39	<0.94	6.6	<0.58	<0.67	<0.67	2
	12/20/2005	<0.62 UJ2	<0.85 UJ2	<0.58 UJ2	<0.73 UJ2	<0.86 UJ2	<0.96 UJ2	<0.86 UJ2	<0.72 UJ2	15 J2,C	<0.96 UJ2	<0.46 UJ2	<0.51 UJ2	<0.58 UJ2	<0.85 UJ2	26 J2,C	18 J2,C	<0.38 UJ2	<0.92 UJ2	4.3 J2,C	<0.57 UJ2	<0.65 UJ2	<0.65 UJ2	<0.65 UJ2
	12/22/2006	<0.23	<0.32	<0.22	0.39	<0.32	<0.36	<0.32	<0.27	1.8	<0.36	<0.17	<0.19	2.2	<0.32	0.51	2.7	<0.14	<0.34	0.9	<0.21	<0.24	<0.24	<0.24
	3/20/2007	<0.57	<0.78	<0.54	<0.67	<0.79	<0.88	<0.79	<0.66	3.6	1	<0.42	<0.47	4.4	<0.78	<0.83	3	<0.35	<0.85	0.94	<0.52	<0.60	<0.60	<0.60
	6/24/2007	<0.25	<0.34	<0.23	<0.29	<0.35	<0.38	<0.35	<0.29	7.7	<0.38 V	<0.18	<0.20	1.4	<0.34	1.7	11	<0.15	1.9	4.2	<0.23	<0.26	<0.26	<0.26
	9/26/2007	<0.26	<0.35	<0.24	5.3	<0.36	<0.40	<0.36	<0.30	4.4	0.6	<0.19	<0.21	3.2	<0.36	0.75	3.5	<0.26	1.1	1.5	<0.24	<0.27	<0.27	<0.27
	12/27/2007	<0.22	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	0.96	<0.34	<0.16	<0.18	0.48	<0.3	0.34	1.4	<0.14	<0.33	0.44	<0.2	<0.23	<0.23	<0.23
	6/6/2008	<0.31	<0.42	<0.29	11	<0.43	<0.48	<0.43	<0.36	1.4	1.3	<0.23	<0.25	1.3	<0.43	0.63	2	<0.19	<0.46	0.67	<0.29	<0.33	<0.33	<0.33
	12/12/2008	<0.2	<0.28	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	<0.34	<0.31	<0.15	<0.17	<0.19	<0.28	<0.29	<0.29	<0.12	<0.3	<0.29	<0.19	<0.21	<0.21	<0.21
	12/12/2008 Dup	<0.2	<0.28	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	<0.34	<0.31	<0.15	<0.17	<0.19	<0.28	<0.29	<0.29	<0.12	<0.3	<0.29	<0.19	<0.21	<0.21	<0.21
VW-42-30 (VW-42-D)	1998 3rdQ	--	--	--	ND	--	--	--	--	2.9	--	--	--	9.3	--	ND	2.3	--	--	1	--	--	--	--
	1998 4thQ	--	--	--	0.93	--	--	--	--	25	--	--	--	13	--	2.5	11	--	--	3.2	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	ND	8.8	ND	0.68	3.6	ND	ND	2.5	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	6.2	1.7	ND	ND	8.9	ND	1.2	5.5	ND	0.79	1.9	ND	ND	ND	ND
	2000 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	0.96	<0.98	<0.47	<0.52	9	<0.87	<0.92	1.8	<0.39	<0.94	0.85	<0.58	<0.67	<0.67	<0.67
	2000 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2	<0.98	<0.47	<0.52	6.4	<0.87	<0.92	2.3	<0.39	<0.94	0.94	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	1.9	<0.98	<0.47	<0.52	9.1	<0.87	<0.92	1.3	<0.39	<0.94	<0.92	<0.58	<0.67	0.54	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	6.6	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	12/20/2005	<2.2 UJ2	<3.0 UJ2	<2.1 UJ2	<2.6 UJ2	<3.1 UJ2	<3.4 UJ2	<3.1 UJ2	<2.5 UJ2	26 J2,C	<3.4 UJ2	<1.6 UJ2	**<1.8 UJ2,UJ9**	<2.1 UJ2	<3.0 UJ2	6.7 J2,C	6.8 J2,C	<1.3 UJ2	<3.3 UJ2	<3.2 UJ2,C	<2.0 UJ2	<2.3 UJ2	<2.3 UJ2	<2.3 UJ2
	12/22/2006	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	2.3	<0.36	<0.17	<0.19	3.1	<0.32	0.49	2.4	<0.14	<0.35	0.85	<0.22	<0.25	<0.25	<0.25
	3/20/2007	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	6.5	0.41	<0.17	<0.19	2.2	<0.32	1.6	7.4	<0.14	0.58	2.3	<0.22	<0.25	<0.25	<0.25
	3/20/2007 Dup	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	3.6	0.53	<0.17	<0.19	2	<0.32	0.63	2.5	<0.14	<0.35	0.78	<0.22	<0.25	<0.25	<0.25
	6/24/2007	<0.25	<0.34	<0.24	<0.30	<0.35	<0.39	<0.35	<0.29	7.5	<0.39 V	<0.19	<0.21	2.5	<0.35	1.7	9.7	<0.15	1.3	3.6	<0.23	<0.26	<0.26	<0.26
	9/26/2007	<0.28	<0.37	<0.26	<0.32	<0.38	<0.42	<0.38	<0.32	5.2	0.53	<0.20	<0.23	2.1	<0.38	0.79	3.4	<0.17	1.1	1.3	<0.25	0.29	<0.29	<0.29
	12/27/2007	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.29	0.71	<0.38	<0.18	<0.20	1.9	<0.34	<0.36	1.1	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	12/27/2007 Dup	<0.26	<0.36	<0.25	<0.31	<0.36	<0.40	<0.36	<0.30	0.52	<0.40	<0.19	<0.21	2.6	<0.36	<0.38	0.84	<0.16	<0.39	<0.38	<0.24	<0.27	<0.27	<0.27
	6/6/2008	<0.23	<0.31	<0.21	0.4	<0.32	<0.35	<0.32	<0.26	1.1	<0.35	<0.17	<0.19	2.6	<0.31	0.57	2	<0.14	<0.34	0.75	<0.21	<0.24	<0.24	<0.24
	12/12/2008	<0.2	<0.28	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	1.2	<0.31	<0.15	<0.17	0.81	<0.28	<0.29	0.71	<0.12	<0.3	<0.29	<0.19	<0.21	<0.21	<0.21
	12/12/2008 Dup	<0.2	<0.27	<0.19	<0.23	<0.28	<0.31	<0.28	<0.23	1.2	<0.31	<0.15	<0.16	0.8	<0.27	<0.29	0.7	<0.12	<0.3	<0.29	<0.18	<0.21	<0.21	<0.21
VW-42-Ambient	12/22/2006	<0.24	<0.32	<0.22	<0.28	<0.33	<0.37	<0.33	<0.28	5.0	<0.37	<0.18	<0.20	0.23	<0.33	0.71	3.2	<0.15	<0.35	1.1	<0.22	<0.25	<0.25	<0.25
	9/26/2007	<0.27	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	1.7	<0.41	<0.20	<0.22	<0.25	<0.36	<0.39	0.79	<0.16	<0.39	<0.39	<0.24	<0.28	<0.28	<0.28
	1/10/2008	<0.23	<0.31	<0.21	<0.27	<0.32	<0.35	<0.32	<0.26	2.4	<0.35	<0.17	<0.19	<0.21	<0.31	<0.33	1.1	<0.14	<0.34	0.41	<0.21	<0.24	<0.24	<0.24
	6/11/2008	<0.22	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	0.65	<0.34	<0.16	<0.18	<0.21	<0.3	<0.32	0.36	<0.14	<0.33	<0.32	<0.2	<0.23	<0.23	<0.23
NON-COMPLIANCE VAPOR WELLS																								
VW-25-35 (VW-25-D)	1998 1stQ	--	--	--	--	--	--	--	--	4700	--	--	--	--	--	6110	1800	--	--	550	--	--	--	--
	1998 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	--	--	--	--	--	--	--	--	--	--	--	51	--	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	--	--	--	--	--	94	--	--	--	--	--	330	91	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<160	<220	<150	<190	<220	<240	<220	<180	<270	<240	<120	<130	<150	<220	<230	<230	<97	<230	<230	<150	<170	<170	<170
	12/20/2005	<0.9 UJ2	<1.2 UJ2	<0.84 UJ2	<1.0 UJ2	<1.2 UJ2	<1.4 UJ2	<1.2 UJ2	<1.0 UJ2	8.7 J2,C	<1.4 UJ2	<0.66 UJ2	<0.73 UJ2	1.8 J2	<1.2 UJ2	1.4 J2,C	4.4 J2,C	<0.55 UJ2	<1.3 UJ2	1.7 J2,C	<0.82 UJ2	<0.94 UJ2	<0.94 UJ2	<0.94 UJ2
	12/22/2006	<4.7	<6.4	<4.4	<5.5	<6.5	<7.2	<6.5	<5.4	<7.9	<7.2	<3.5	<3.9	<4.4	<6.4	<6.8	<6.8	<2.9	<7.0	<6.8	<4.3	<4.9	<4.9	<4.9
	3/22/2007	<0.52	<0.71	<0.49	<0.61	<0.72	<0.80	<0.72	<0.60	4.4	<0.80	<0.39	<0.43	<0.48	<0.71	1.4	5.3	<0.32	<0.77	2.2	<0.48	<0.55	<0.55	<0.55
	6/30/2007	<2.5	<3.4	<2.4	11	<3.5	<3.9	<3.5	<2.9	5.8	<3.9	<1.9	<2.1	4.8	<3.4	<3.6	6.3	<1.5	<3.7	<3.6	<2.3	<2.6	<2.6	<2.6
	9/27/2007	<2.6	<3.6	<2.5	<3.1	<3.6	<4.0	<3.6	<3.0	52	<4.0	<1.9	<2.1	3.1	<3.6	<3.8	<3.8	<1.6	<3.9	<3.8	<2.4	<2.7	<2.7	<2.7
	12/27/2007	<0.25	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	0.7	<0.39	<0.19	<0.21	<0.23	<0.34	0.42	0.74	<0.15	<0.37	0.77	<0.23	<0.26	<0.26	<0.26
	6/10/2008	<0.42	<0.57	<0.39	<0.49	<0.58	<0.64	<0.58	<0.48	<0.7	<0.64	<0.31	<0.34	0.58	<0.57	0.87	<0.61	<0.25	<0.62	1.1	<0.38	<0.44	<0.44	<0.44
	12/14/2008	<2.2	<3	<2.1	<2.6	<3.1	<3.4	<3.1	<2.5	<3.7	<3.4	<1.6	<1.8	<2	<3	<3.2	<3.2	<1.3	<3.3	<3.2	<2	<2.3	<2.3	<2.3
VW-45-12	1998 3rdQ	--	--	--	0.26	--	--	--	--	7.2	--	--	--	ND	--	0.97	6	--	--	2.6	--	--	--	--
	1998 4thQ	--	--	--	ND	--	--	--	--	39000	--	--	--	ND	--	6000	23000	--	--	6800	--	--	--	--
	1999 1stQ	--	--	--	ND	--	--	--	--	8400	--	--	--	ND	--	1500	5900	--	--	1700	--	--	--	--
	1999 2ndQ	--	--	--	ND	--	--	--	--	20000	--	--	--	ND	--	4900	18000	--	--	5600	--	--	--	--
	1999 3rdQ	--	--	--	290	--	--	--	--	21000	--	--	--	ND	--	5900	23000	--	--	7000	--	--	--	--
	1999 4thQ	--	--	--	ND	--	--	--	--	24000	--	--	--	ND	--	8700	32000	--	--	9900	--	--	--	--
	2000 1stQ	<800	<1100	<750	<930	<1100	<1200	<1100	<920	9800	<1200	<590	<650	<740	<1100	8300	30000	<480	<1200	8600	<730	<830	<830	<830
	2000 3rdQ	--	--	--	ND	--	--	--	--	21000	--	--	--	ND	--	9900	21000	--	--	--	--	--	--	--
	2000 4thQ	--	--	--	ND	--	--	--	--	1900	--	--	--	ND	--	680	2100	--	--	--	--	--	--	--
	2001 3rdQ	--	--	--	ND	--	--	--	--	4800	--	--	--	ND	--	4000	3500	--	--	--	--	--	--	--
	2001 4thQ	--	--	--	ND	--	--	--	--	4100	--	--	--	ND	--	5300	6800	--	--	--	--	--	--	--
	2002 1stQ	--	--	--	ND	--	--	--	--	900	--	--	--	ND	--	3400	4300	--	--	--	--	--	--	--
	2002 2ndQ	--	--	--	ND	--	--	--	--	710	--	--	--	ND	--	3600	4400	--	--	--	--	--	--	--
	2002 3rdQ	--	--	--	ND	--	--	--	--	990	--	--	--	ND	--	3800	3500	--	--	--	--	--	--	--
	2002 4thQ	--	--	--	ND	--	--	--	--	820	--	--	--	ND	--	3600	2800	--	--	--	--	--	--	--
	2003 1stQ	--	--	--	ND	--	--	--	--	1400	--	--	--	ND	--	1300	ND	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	ND	--	--	--	--	1800	--	--	--	ND	--	2100	860	--	--	--	--	--	--	--
	2003 3rdQ	--	--	--	ND	--	--	--	--	1500	--	--	--	ND	--	3000	3900	--	--	--	--	--	--	--
	2003 4thQ	--	--	--	ND	--	--	--	--	790	--	--	--	ND	--	1500	4200	--	--	--	--	--	--	--
VW-45-22	1998 1stQ	--	--	--	530	--	--	--	--	100	--	--	--	ND	--	230	ND	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	240	--	--	--	--	770	--	--	--	ND	--	210	350	--	--	300	--	--	--	--
	1998 3rdQ	--	--	--	ND	--	--	--	--	0.72	--	--	--	ND	--	ND	ND	--	--	0.52	--	--	--	--

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																										
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																			
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-45-22	1998 4thQ	101000	13000	--	--	--	--	--	--	38000	--	--	ND	200	--	--	--	1300	--	--	--	--	--	1300	--	--	--	1800
	1999 1stQ	97700	35000	--	--	--	--	--	--	16000	--	--	ND	--	--	--	--	--	--	--	--	--	--	410	--	--	--	7200
	1999 2ndQ	120000	30000	--	--	--	--	--	--	27000	--	--	ND	--	--	--	--	--	--	--	--	--	--	580	--	--	--	7300
	1999 3rdQ	12800	26000	--	--	--	--	--	--	17000	--	--	ND	--	--	--	--	--	--	--	--	--	--	330	--	--	--	2200
	1999 4thQ	168000	39000	--	--	--	--	--	--	17000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3600
	2000 1stQ	147000	41000	--	--	--	--	--	<2400	15000	<1300	<1900	<2100	<890	<1300	<1400	650	<1600	<1300	<1200	<1400	<1400	<1700	<1300	<1000	<1200	<920	7700
	2000 2ndQ	114000	26000	--	--	--	--	--	<480	9100	<260	<380	420	<180	<250	<290	<130	<320	370	<250	<280	<280	<340	<250	<200	<250	<180	5100
	2000 3rdQ	135000	--	--	--	--	--	--	--	13000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3800
	2000 4thQ	137000	--	--	--	--	--	--	--	980	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	290
	2001 1stQ	15100	--	--	--	--	--	--	--	9100	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6000
	2001 2ndQ	118000	--	--	--	--	--	--	--	6400	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2300
	2001 3rdQ	130000	--	--	--	--	--	--	--	6500	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2500
	2001 4thQ	158000	--	--	--	--	--	--	--	6200	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2200
	2002 1stQ	218000	--	--	--	--	--	--	--	5000	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3200
	2002 2ndQ	210000	--	--	--	--	--	--	--	5200	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4300
	2002 3rdQ	92900	--	--	--	--	--	--	--	3700	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3400
	2002 4thQ	70800	--	--	--	--	--	--	--	3400	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2100
	2003 1stQ	62800	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2700
	2003 2ndQ	68220	--	--	--	--	--	--	--	2200	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3200
	2003 3rdQ	70500	--	--	--	--	--	--	--	2500	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1400
	2003 4thQ	--	--	--	--	--	--	--	--	3300	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3200
VW-45-30	1998 1stQ	32000	2000	--	--	--	--	--	--	ND	--	--	100	--	--	--	--	56	--	--	--	--	--	--	--	--	--	380
	1998 2ndQ	14300	370	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	41
	1998 3rdQ	27800	18000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1998 4thQ	11200	910	--	--	--	--	--	--	99	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32
	1999 1stQ	18000	910	--	--	--	--	--	--	73	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	44
	1999 2ndQ	17000	480	--	--	--	--	--	--	62	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	33
	1999 3rdQ	18000	610	--	--	--	--	--	--	47	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25
	1999 4thQ	17800	1300	--	--	--	--	--	--	52	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2000 1stQ	16100	870	--	--	--	--	--	<97	<78	<52	<76	<84	<36	<50	<58	<26	<64	<50	<49	<55	<57	<68	<50	<41	<49	<37	<63
	2000 2ndQ	15200	680	--	--	--	--	--	<48	34	<26	<38	<42	<18	<25	<29	<13	<32	<25	<25	<28	<28	<34	<25	<20	<25	<18	<31
	2000 3rdQ	15000	--	--	--	--	--	--	--	32	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20
	2000 4thQ	14800	--	--	--	--	--	--	--	27	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2001 1stQ	14200	--	--	--	--	--	--	--	25	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2001 2ndQ	14900	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2001 3rdQ	14800	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2001 4thQ	14000	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 1stQ	13700	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 2ndQ	12900	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	11600	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 4thQ	11100	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 1stQ	10700	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	11400	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	11500	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 4thQ	--	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	42
VW-46-07 (VW-46-S)	1998 3rdQ	17200	93	--	--	--	--	--	--	2.6	--	4.6	ND	--	32	--	--	10	--	190	--	--	--	4.4	--	3.4	280	7.1
	1998 4thQ	46500	150	--	--	--	--	--	--	4.8	--	1.7	ND	--	11	--	7.9	--	--	93	--	--	--	13	--	--	23	11
	1999 1stQ	11100	1400	--	--	--	--	--	ND	ND	ND	ND	ND	ND	3	ND	ND	11	ND	29	ND	ND	ND	ND	ND	ND	9.1	ND
	1999 3rdQ	15900	30	--	--	--	--	--	ND	1.2	ND	ND	ND	ND	3.2	0.9	ND	8.3	ND	36	ND	ND	ND	7.4	ND	ND	21	2.3
	1999 4thQ	32200	56	--	--	--	--	--	ND	ND	ND	ND	ND	ND	2	ND	ND	5.7	ND	37	ND	ND	25	8.1	ND	ND	9.3	6
	2000 1stQ	34400	61	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	6	ND	ND	6.3	4.9
	2000 2ndQ	10600	19	--	--	--	--	--	ND	ND	ND	ND	ND	ND	2.2	1.9	ND	5.1	ND	35	8.8	ND	33	2.7	ND	ND	11	6.3
	2000 3rdQ	25000	11	--	--	--	--	--	<1.9	1.8	<1	<1.5	<1.7	<0.71	2.7	<1.2	<0.52	13	<1	37	<1.1	<1.1	<1.4	11	<0.82	<0.99	18	3.6
	2000 4thQ	35800	59	--	--	--	--	--	<4.8	<3.9	<2.6	<3.8	<4.2	<1.8	<2.5	<2.9	<1.3	9	<2.5	26	8	<2.8	<3.4	7.6	<2	<2.5	5.6	6.3
	2001 2ndQ	8910	64	--	--	--	--	--	<4.8	<3.9	<2.6	<3.8	<4.2	<1.8	<2.5	<2.9	<1.3	<3.2	<2.5	40	<2.8	<2.8	<3.4	<2.5	<2	<2.5	20	7.2
	2001 3rdQ	24200	59	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	11	<1.4	2.5	<1.2	<1.6	12	<1	36	8.8	<1.1	<1.4	8.7	<0.82	1.7	13	4.2
	2001 4thQ	38700	53	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	17	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 1stQ	11000	14	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	20	<5.5	<5.7	<6.8	<5	<4.1	<4.9	8.8	<6.3
	2002 2ndQ	4460	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	19000	15	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	24	<5.5	<5.7	<6.8	8.7	<4.1	<4.9	<3.7	<6.3
	2002 4thQ	27600	36	--	--	--	--	--	<2.8	<2.2	<1.5	<2.2	<2.4	<1	<1.4	<1.6	<0.74	8.1	<1.4	19	<1.6	<1.6	19	7.4	<1.2	<1.4	3.5	5.4
	2003 2ndQ	9450	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
	2003 3rdQ	28200	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5
	2003 4thQ	25200	18	--	--	--	--	--	<7	<5.6	<3.7	<5.5	<30	<2.6	<3.6	<4.1	<1.9	5.3	<3.6	5.8	<4	<4.1	<4.9	5.2	<3	<3.6	<2.6	4.6
	12/21/2005	5.2	<1.6	<0.16	21.9	78.1	<0.16	<0.16	<0.79 UJ2	<0.64 UJ2	<0.42 UJ2	<0.62 UJ2	34 M,J2,J6,C	0.89 J2	<0.41 UJ2	0.50 J2	<0.21 UJ2	0.57 J2	<0.41 UJ2	<0.41 UJ2	<0.46 UJ2	<0.47 UJ2	3.7 J2	<0.41 UJ2	<0.34 UJ2	<0.41 UJ2	<0.30 UJ2	10 J2,C
	12/6/2006	1600	<1.4	<0.14	14.8	83.8	<0.14	1.29	<0.68	<0.55	<0.36	<0.53	11 M	45	<0.35	<0.40	0.46	<0.45	<0.35	1	<0.39	<0.40	1.1	<0.35	<0.29	<0.35	4.9	0.94
	3/20/2007	6,920(1)	4.7	<0.14	14.5	84.1	<0.14	0.711	<1.4	<1.1	<0.74	<1.1	17 M	2.1	<0.73	<0.83	<0.38	<0.93	<0.73	1.5	<0.80	<0.82	3.7	<0.73	<0.59	<0.71	0.58	110
	6/24/2007	<0.83	5.7	<0.17	14.7	84.1	<0.17	0.87	<2.0	<1.6	<1.1	<1.6	9.2 M,*,J6,J13	1.9	<1.0	<1.2	<0.54	<1.3	<1.0	2.7	<1.1	<1.2	1.7	<1.0	<0.85	<1.0	<0.76	30
	9/27/2007	<0.81	5.6	<0.16	7.32	82.5	<0.16	10.1	<0.78	<0.63	<0.42	<0.61	14	900	<0.41	<0.47	6.1	0.94	<0.41	<0.40	<0.45	2.3	3.7	<0.41	0.6	<0.40	0.86	62
	1/2/2008	4820 (1)	3.7	<0.17	15.5	83.4	<0.17	0.617	<1.6	<1.3	<0.85	<1.3	39	2	<0.83	<0.95	<0.43	<1.1	<0.83	1.9	<0.92	<4.7	2.6	<0.83	<0.68	<0.82	<0.61	9.4
	6/10/2008	95	<1.5	<0.15	21.8	78.1	<0.15	<0.15	<0.64	<0.52	<0.34	<0.5	8.5 M	1.3	<0.33	<0.38	<0.17	<0.43	<0.33	<0.33	<0.37	<1.9	0.92	<0.33	<0.27	<0.33	<0.24	7.7
	12/14/2008	4810 (1)	5.1	<0.16 V	15.1	83.9	<0.16	0.553	<0.68	<0.55	<0.36	<0.53	3.2	<0.25	<0.35	<0.4	<0.18	<0.45	<0.35	1.8	<0.39	<2	<0.47	0.51	<0.29	<0.35	0.28	2
	12/14/2008 Dup	4540 (1)	5.1	<0.16 V	15.5	83.5	<0.16	0.523	<0.69	<0.55	<0.36	<0.54	3	0.53	<0.36	<0.41	<0.18	<0.45	<0.36	1.9	<0.39	<2	<0.48	0.53	<0.29	<0.35	0.3	1.7
VW-46-15 (VW-46-I)	1998 1stQ	ND	84	--	--	--	--	--	--	ND	--	--	2.1	1.4	--	--	1.5	4.3	--	5.8	--	--	--	--	1.9	2.1	99	ND
	1998 2ndQ	ND	100	--	--	--	--	--	--	ND	--	--	8.8	1.5	--	--	1.7	14	--	3.6	--	--	1.2	--	1.1	--	83	ND
	1998 3rdQ	ND	95	--	--	--	--	--	--	ND	--	--	4.1	1.5	--	--	1.6	4.5	--	2.9	4.6	--	--	--	0.87	--	68	ND
	1998 4thQ	ND	35	--	--	--	--	--	1.7	ND	--	--	14	2.2	--	--	2.1	2.2	--	3.2	1.5	--	4.9	--	1	--	78	ND
	1999 1stQ	0.62	91	--	--	--	--	--	ND	ND	ND	ND	4.9	1	ND	ND	1.2	4.7	ND	ND	ND	ND	ND	ND	ND	ND	16	ND

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																				
		EPA Method TO-15																				
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-45-22	1998 4thQ	--	--	--	ND	--	--	--	--	600	--	--	--	ND	--	ND	570	--	--	360	--	--	--	--
	1999 1stQ	--	--	--	ND	--	--	--	--	13000	--	--	--	ND	--	2300	9600	--	--	3000	--	--	--	--
	1999 2ndQ	--	--	--	ND	--	--	--	--	12000	--	--	--	ND	--	5400	13000	--	--	7200	--	--	--	--
	1999 3rdQ	--	--	--	ND	--	--	--	--	2800	--	--	--	ND	--	4100	7600	--	--	5200	--	--	--	--
	1999 4thQ	--	--	--	ND	--	--	--	--	2200	--	--	--	ND	--	3600	8200	--	--	5100	--	--	--	--
	2000 1stQ	<800	<1100	<750	<930	<1100	<1200	<1100	<920	3500	<1200	<590	<650	<740	<1100	6100	18000	<480	<1200	8100	<730	<830	<830	<830
	2000 2ndQ	<160	<220	<150	<190	<220	<240	<220	<180	1000	<240	<120	<130	<150	<220	3800	11000	<97	<230	3700	<150	<170	<170	<170
	2000 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	5400	10000	--	--	--	--	--	--	--
	2000 4thQ	--	--	--	ND	--	--	--	--	72	--	--	--	ND	--	400	320	--	--	--	--	--	--	--
	2001 1stQ	--	--	--	ND	--	--	--	--	560	--	--	--	ND	--	3600	1800	--	--	--	--	--	--	--
	2001 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	2300	ND	--	--	--	--	--	--	--
	2001 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	3100	ND	--	--	--	--	--	--	--
	2001 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	2900	ND	--	--	--	--	--	--	--
	2002 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1300	ND	--	--	--	--	--	--	--
	2002 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1600	ND	--	--	--	--	--	--	--
	2002 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1500	ND	--	--	--	--	--	--	--
	2002 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1700	ND	--	--	--	--	--	--	--
	2003 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1300	ND	--	--	--	--	--	--	--
	2003 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1200	ND	--	--	--	--	--	--	--
	2003 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	930	ND	--	--	--	--	--	--	--
VW-45-30	1998 1stQ	--	--	--	17	--	--	--	--	47	--	--	--	ND	--	39	110	--	--	88	--	--	--	--
	1998 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	24	--	ND	21	--	--	--	--	--	--	--
	1999 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	14	--	ND	ND	--	--	--	--	--	--	--
	1999 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	10	--	ND	ND	--	--	--	--	--	--	--
	1999 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1999 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2000 1stQ	<32	<43	<30	<37	<44	<49	<44	<37	<53	<49	<23	<26	<30	<43	<46	<46	<19	<47	<46	<29	<33	<33	<33
	2000 2ndQ	<16	<22	<15	<19	<22	<24	<22	<18	<27	<24	<12	<13	<15	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	2000 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2000 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2001 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2001 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2001 3rdQ	--	--	--	43	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2001 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2002 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2002 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2002 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	31	--	--	--	--	--	--	--
VW-46-07 (VW-46-S)	1998 3rdQ	--	--	--	0.86	--	--	--	--	11	--	--	--	1.5	--	5.2	9	--	--	3.8	--	--	--	--
	1998 4thQ	--	--	--	ND	--	--	--	--	15	--	--	--	ND	--	12	23	--	--	8.4	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND	2.5	5	ND	ND	2.4	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	22	ND	ND	ND	ND	4.6	ND	ND	ND	ND	ND	4.1	8.2	ND	ND	2.5	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	7.7	17	ND	ND	5.7	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	ND	5.6	9.4	ND	ND	3.4	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	8.8	ND	ND	ND	ND	1.4	2.4	8.5	ND	ND	3.6	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	4.1	<0.98	<0.47	<0.52	<0.59	<0.87	7.3	18	<0.39	<0.94	6.5	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<1.6	<2.2	<1.5	<1.9	<2.2	<2.4	<2.2	<1.8	27	<2.4	<1.2	<1.3	<1.5	<2.2	11	32	<0.97	<2.3	13	<1.5	<1.7	<1.7	<1.7
	2001 2ndQ	<1.6	<2.2	<1.5	<1.9	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	<1.5	15	20	52	<0.97	<2.3	<2.3	<1.5	<1.7	8.5	<1.7
	2001 3rdQ	<0.64	<0.87	<0.6	<4	<0.88	<0.98	<0.88	<0.73	17	<0.98	<0.47	<0.52	<0.59	<0.87	8.7	23	<0.39	<0.94	11	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	<3	<4.3	7.2	14	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 1stQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	18	<4.9	<2.3	<2.6	<3	<4.3	<4.6	21	<1.9	<4.7	8.9	<2.9	<3.3	<3.3	<3.3
	2002 2ndQ	--	--	--	ND	--	--	--	--	9.9	--	--	--	ND	--	2.6	9.5	--	--	--	--	--	--	--
	2002 3rdQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	<3	<4.3	<4.6	14	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 4thQ	<0.9	<1.2	<0.85	<1.1	<1.3	<1.4	<1.3	<1	14	<1.4	<0.67	<0.74	<0.84	<1.2	7.1	16	<0.55	<1.3	5.5	<0.83	<0.95	<0.95	<0.95
	2003 2ndQ	--	--	--	ND	--	--	--	--	28	--	--	--	ND	--	6.7	27	--	--	--	--	--	--	--
	2003 3rdQ	--	--	--	ND	--	--	--	--	20	--	--	--	ND	--	7.7	23	--	--	--	--	--	--	--
	2003 4thQ	<2.3	<3.1	--	ND	--	--	--	--	12	--	--	--	ND	--	6.5	17	--	--	--	--	--	--	--
	12/21/2005	<0.26 UJ2	<0.35 UJ2	<0.24 UJ2	<0.31 UJ2	<0.36 UJ2	<0.40 UJ2	<0.36 UJ2	<0.30 UJ2	8.4 J2,C	<0.40 UJ2	<0.19 UJ2	<0.21 UJ2	0.34 J2	<0.36 UJ2	4.5 J2,C	6.0 J2,C	<0.16 UJ2	0.69 J2	1.8 J2,C	<0.24 UJ2	<0.27 UJ2	<0.27 UJ2	<0.27 UJ2
	12/6/2006	<0.22	<0.30	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	2.2	<0.34	<0.16	<0.18	0.6	<0.30	0.4	1.4	<0.14	<0.33	0.48	<0.20	<0.23	<0.23	<0.23
	3/20/2007	<0.46	<0.62	<0.43	1	<0.63	<0.70	<0.63	<0.53	2.1	<0.70	<0.34	<0.37	3.8	<0.63	<0.66	1.3	<0.28	<0.68	<0.66	<0.42	<0.48	<0.48	<0.48
	6/24/2007	<0.66	<0.89	<0.62	<0.77	<0.91	<1.0	<0.91	<0.76	11	1.1	<0.48	<0.54	<0.61	<0.90	2.3	12	<0.40	1.6	4.3	<0.60	<0.69	<0.69	<0.69
	9/27/2007	0.48	<0.35	<0.24	1.1	<0.36	<0.40	<0.36	<0.30	3.4	1.1	<0.19	<0.21	19	0.35	0.69	2.9	<0.16	0.97	1.1	<0.24	<0.27	<0.27	<0.27
	1/2/2008	<0.52	<0.71	<0.49	<0.61	<0.73	<0.81	<0.73	<0.61	10	<0.81	<0.39	<0.43	<0.49	<0.72	1.4	5.7	<0.32	<0.78	1.9	<0.48	<0.55	<0.55	<0.55
	6/10/2008	<0.21	<0.29	<0.2	<0.25	<0.29	<0.32	<0.29	<0.24	0.88	<0.32	<0.16	<0.17	0.41	<0.29	<0.31	0.51	<0.13	<0.31	<0.31	<0.19	<0.22	<0.22	<0.22
	12/14/2008	<0.22	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	3.4	<0.34	<0.16	<0.18	<0.21	<0.3	1.1	4.3	<0.14	<0.33	1.8	<0.2	<0.23	<0.23	<0.23
	12/14/2008 Dup	<0.23	<0.31	<0.21	<0.26	<0.31	<0.35	<0.31	<0.26	3.4	<0.35	<0.17	<0.18	<0.21	<0.31	1.2	5	<0.14	<0.33	2.1	<0.21	<0.24	<0.24	<0.24
VW-46-15 (VW-46-I)	1998 1stQ	--	--	0.7	15	--	--	--	--	1.7	--	--	--	130	--	ND	1.9	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	16	--	--	--	--	ND	--	--	--	160	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	16	--	--	--	--	2.8	--	--	--	160	--	ND	1.5	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	22	--	--	--	--	2	--	--	--	210	--	ND	1.4	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-46-15 (VW-46-I)	1999 2ndQ	ND	18	--	--	--	--	--	ND	ND	ND	ND	10	1.7	ND	ND	1.8	ND	ND	0.66	ND	ND	1.3	ND	0.53	ND	21	ND
	1999 3rdQ	ND	7.4	--	--	--	--	--	ND	ND	ND	ND	16	1.9	ND	ND	2.4	ND	ND	ND	ND	ND	8	ND	ND	ND	22	ND
	1999 4thQ	ND	13	--	--	--	--	--	ND	ND	ND	ND	ND	4.2	ND	ND	3.4	ND	ND	ND	ND	ND	11	ND	ND	ND	24	ND
	2000 1stQ	ND	8.8	--	--	--	--	--	ND	ND	ND	ND	2.2	31	ND	ND	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	ND
	2000 2ndQ	ND	27	--	--	--	--	--	ND	ND	ND	ND	6	60	ND	ND	4	3.8	ND	ND	1.1	ND	15	ND	ND	ND	15	ND
	2000 3rdQ	<0.5	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.9	74	<1	<1.2	5.1	3.7	<1	<0.99	<1.1	<1.1	<1.4	<1	0.63	<0.99	13	<1.3
	2000 4thQ	<0.5	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.5	95	<1	<1.2	4.9	4.8	<1	<0.99	4	<1.1	5	<1	0.79	<0.99	26	<1.3
	2001 1stQ	<0.5	110	--	--	--	--	--	<1.9	<1.6	<1	<1.5	8.2	69	<1	<1.2	4.8	<1.3	<1	<0.99	1.9	<1.1	3.6	<1	<0.82	<0.99	13	<1.3
	2001 2ndQ	<0.5	50	--	--	--	--	--	<2.4	<2	<1.3	<1.9	16	62	<1.3	<1.4	5.2	25	<1.3	<1.2	<1.4	2.5	3.6	<1.3	<1	<1.2	9.7	<1.6
	2001 3rdQ	<0.5	79	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	3.2	63	<1	<1.2	5.2	<1.3	<1	<0.99	1.7	<1.1	2.7	<1	<0.82	<0.99	9.3	<1.3
	2001 4thQ	<0.5	9.6	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	9	62	<1	<1.2	6	<1.3	<1	<0.99	2	<1.1	5.6	<1	<0.82	<0.99	13	<1.3
	2002 1stQ	<0.5	10	--	--	--	--	--	<2.4	<2	<2.6	<1.9	10	72	<1.3	<1.4	6.5	20	<1.3	<1.2	4.8	<1.4	<1.7	<1.3	<1	<1.2	6	<1.6
	2002 2ndQ	ND	--	--	--	--	--	--	--	ND	--	--	2.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	<0.5	7.5	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.4	130	<1	<1.2	5.9	<1.3	<1	<0.99	1.6	<1.1	2.6	<1	<0.82	<0.99	9.6	<1.3
	2002 4thQ	<0.64	9.5	--	--	--	--	--	<2.5	<2	<1.3	<1.9	3.2	150	<1.3	<1.5	5.5	<1.6	<1.3	<1.3	<1.4	<1.5	5.9	<1.3	1.1	<1.3	11	<1.6
	2003 1stQ	ND	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	0.71	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	6.1	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 4thQ	<0.63	10	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<11	1400	<1.3	<1.5	5.1	<1.6	<1.3	<1.2	<1.4	2.2	<1.7	<1.3	<1	<1.2	8	<1.6
	12/21/2005	1.9	5	<0.16	11.5	82.1	<0.16	6.34	<0.76 UJ2	<0.61 UJ2	<0.40 UJ2	<0.60 UJ2	18 M,J2,J6,C	970 J2	<0.40 UJ2	2.7 J2	2.8 J2	1.6 J2	<0.40 UJ2	1.1 J2	<0.44 UJ2	<0.45 UJ2	15 J2	<0.40 UJ2	0.34 J2	<0.39 UJ2	18 J2	54 J2,C
	12/6/2006	1.2	2.1	<0.14	10.1	82.1	<0.14	7.71	<34	<28	<18	<27	<150	1000	<18	<20	<9.3	<23	<18	<18	<20	<20	<24	<18	<15	<18	<13	<22
	3/20/2007	<0.79	3.6	<0.16	8.35	82.4	<0.16	9.26	<0.76	<0.61	<0.40	<0.60	<3.3	920	<0.40	<0.45	5	<0.50	<0.40	<0.39	<0.44	<0.45	<0.53	<0.40	<0.32	<0.39	9.2	4.1
	6/24/2007	1.5	2.8	<0.17	20.1	78.1	<0.17	1.86	<0.84	<0.68	<0.45	<0.66	13 *,J13	170	0.56	<0.50	<0.67	<0.56	<0.44	<0.43	<0.48	1	1.7	<0.44	<0.36	<0.43	7.4	20
	9/27/2007	<0.83	6.3	<0.17	6.82	82.4	<0.17	10.8	<8.0	<6.5	<4.3	<6.3	35	1,100 H	<4.2	<4.8	5.2	14	<4.2	<4.1	<4.6	<23	<5.6	<4.2	<3.4	<4.1	12	71
	1/2/2008	1	2.5	<0.16	8.97	81.8	<0.16	9.27	<38	<31	<20	<30	<170	880	<20	<23	<10	<25	<20	<20	<22	<110	<27	<20	<16	<20	<14	<25
	6/10/2008	1	5.2	<0.13	13.9	80.4	<0.13	5.72	<0.57	<0.46	<0.3	<0.45	6.8 M	400	<0.3	<0.34	2.9	2.3	<0.3	<0.29	<0.33	<1.7	1.6	<0.3	<0.24	<0.29	3.9	5.2
	12/14/2008	<0.77	6.2	<0.15 V	7.46	82.7	<0.15	9.81	<0.66	<0.53	<0.35	<0.52	<2.9	580	0.6	<0.39	3.7	0.55	<0.34	<0.34	<0.38	<1.9	<0.46	<0.34	0.29	<0.34	7.9	0.9
VW-46-27 (VW-46-D)	1998 1stQ	ND	86	--	--	--	--	--	--	ND	--	--	11	1.8	--	--	2	2.5	--	--	0.92	--	3.3	0.81	1.3	3.2	8.3	ND
	1998 2ndQ	ND	100	--	--	--	--	--	--	ND	--	--	6	1.6	--	--	1.9	1.8	--	--	--	--	0.87	--	1.1	--	7	ND
	1998 3rdQ	ND	110	--	--	--	--	--	--	ND	--	--	2.3	1.6	--	--	1.7	2.6	--	--	4.2	--	--	2.7	1.1	--	6.9	ND
	1998 4thQ	ND	32	--	--	--	--	--	--	ND	--	--	6.4	2.2	--	--	2.5	2.3	--	--	--	0.83	--	--	1.3	--	7.4	ND
	1999 1stQ	ND	62	--	--	--	--	--	ND	ND	ND	ND	5.6	1.5	ND	ND	1.8	5.2	ND	ND	ND	ND	ND	ND	ND	ND	3.5	ND
	1999 2ndQ	ND	20	--	--	--	--	--	ND	ND	ND	ND	12	2	ND	ND	2.7	1.8	ND	ND	ND	1.7	1.7	ND	0.88	ND	3.4	ND
	1999 3rdQ	ND	7.4	--	--	--	--	--	ND	ND	ND	ND	21	2.2	ND	ND	3.3	ND	ND	ND	ND	4.4	5.1	ND	0.88	ND	2.7	ND
	1999 4thQ	ND	12	--	--	--	--	--	ND	ND	ND	ND	6	4.3	ND	ND	4.7	ND	ND	ND	2.7	ND	15	ND	ND	ND	2.7	ND
	2000 1stQ	ND	15	--	--	--	--	--	ND	ND	ND	ND	3.2	27	ND	ND	4.8	ND	ND	ND	ND	ND	ND	ND	0.82	ND	2.4	ND
	2000 2ndQ	ND	27	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.3	52	<1	<1.2	5.2	<1.3	<1	<0.99	1.2	<1.1	8.5	<1	1.1	<0.99	2.2	<1.3
	2000 3rdQ	<0.5	13	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.9	66	<1	<1.2	5.4	<1.3	<1	<0.99	<1.1	<1.1	<1.4	<1	1.3	<0.99	1.8	<1.3
	2000 4thQ	<0.5	11	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.6	77	<1	<1.2	4.6	<1.3	<1	<0.99	3.3	<1.1	5.1	<1	1.4	<0.99	2.2	<1.3
	2001 1stQ	<0.5	100	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.7	62	<1	<1.2	4.9	1.8	<1	<0.99	<1.1	<1.1	2.3	<1	1.2	<0.99	1.5	<1.3
	2001 2ndQ	<0.5	41	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<2.1	55	<1.3	<1.4	5.1	<1.6	<1.3	<1.2	<1.4	<1.4	<1.7	<1.3	<1	<1.2	2.8	<1.6
	2001 3rdQ	<0.5	80	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	3.9	57	<1	<1.2	5.3	<1.3	<1	<0.99	<1.1	<1.1	2.2	<1	1.3	<0.99	2.4	<1.3
	2001 4thQ	<0.5	8.3	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	6.5	57	<1	<1.2	6.5	2.6	<1	<0.99	1.5	<1.1	4.2	<1	1.5	<0.99	1.5	<1.3
	2002 1stQ	<0.5	8.8	--	--	--	--	--	<2.4	<2	<2.6	<1.9	12	64	<1.3	<1.4	6.8	2.6	<1.3	<1.2	2.7	<1.4	4.2	<1.3	1.9	<1.2	1.5	<1.6
	2002 2ndQ	ND	--	--	--	--	--	--	--	ND	--	--	7.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	<0.5	7.2	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.5	100	<1	<1.2	6.2	2.1	<1	<0.99	<1.1	<1.1	2.7	<1	2.2	<0.99	1.8	<1.3
	2002 4thQ	<0.64	10	--	--	--	--	--	<2.5	<2	<1.3	<1.9	4.7	130	<1.3	<1.5	5.8	<1.6	<1.3	<1.3	<1.4	<1.4	6.7	<1.3	2.3	<1.3	1.4	<1.6
	2003 1stQ	ND	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	0.65	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	ND	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 4thQ	<0.62	11	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<11	1200	<1.3	<1.4	4.5	2.1	<1.3	<1.2	<1.4	1.9	<1.7	<1.3	1.4	<1.2	<0.92	<1.6
	12/21/2005	<0.79	6.7	<0.16	6.54	83.5	<0.16	10	<7.7 UJ2	<6.2 UJ2	<4.1 UJ2	<6.0 UJ2	<33 UJ2,C	1500 J2	<4.0 UJ2	<4.5 UJ2	5.1 J2	<5.1 UJ2	<4.0 UJ2	<3.9 UJ2	<4.4 UJ2	<4.5 UJ2	<5.4 UJ2	<4.0 UJ2	<3.2 UJ2	<3.9 UJ2	<2.9 UJ2	17 J2,C
	12/6/2006	0.9	2.1	<0.14	9.62	81.9	<0.14	8.48	<0.69	<0.56	<0.37	<0.54	11	1100	10	4.1	16	<0.46	<0.36	<0.35	<0.39	<0.40	0.59	<0.36	0.44	<0.35	15	0.64
	12/6/2006 Dup	1.1	2.2	<0.12	11.5	81.4	<0.12	7.12	<23	<18	<12	<18	<99	640	<12	<13	<6.1	<15	<12	<12	<13	<13	<16	<12	<9.6	<12	<8.6	<15
	3/20/2007	<0.77	4.4	<0.15	9.05	82	<0.15	8.92	<0.74	<0.60	<0.39	<0.58	<3.2	830	<0.39	<0.44	5	<0.49	<0.39	<0.38	<0.42	<0.43	0.71	<0.39	0.44	<0.38	1.2	10
	6/24/2007	1.6	2.8	<0.17	19.1	79.4	<0.17	1.47	<0.82	<0.66	<0.44	<0.64	8.3 *,J13	48	0.5	<0.49	<0.22	1.3 J8	<0.43	0.5	<0.47	1.9	1.9	<0.43	<0.35	<0.42	7.5	27
	6/24/2007 Dup	1.5	3.1	<0.18	19.2	79.4	<0.18	1.48	<0.88	<0.71	<0.47	<0.69	9.5 *,J13	46	0.86	<0.52	0.26	<0.58 UJ8	<0.46	0.47	<0.51	1.4	1.3	<0.46	<0.37	<0.45	8.6	26
	9/27/2007	0.497	6.9	<0.14	13.8	84.5	<0.14	1.15	<1.7	<1.4	<0.89	<1.3	24	2.1	<0.87	<0.99	<0.45	11	<0.87	3.2	<0.96	<0.49	7.8	1	<0.71	<0.85	0.94	69
	1/2/2008	1.8	<1.5	<0.15	16.3	79.9	<0.15	3.78	<0.74	<0.59	<0.39	<0.58	35 M	190	<0.38	0.47	1.4	<0.49	<0.38	<0.38	<0.42	<2.2	0.97	<0.38	<0.31	<0.38	0.29	6.8
	6/10/2008	<0.79	7.5	<0.16	7.22	82.7	<0.16	10.1	<0.67	<0.54	<0.36	<0.53	8.1 M	620	<0.35	<0.4	5.2	9	<0.35	<0.34	<0.39	<2	0.78	<0.35	0.49	<0.34	0.76	10
	12/14/2008	2	1.8	<0.16 V	21.4	78.2	<0.16	0.419	<1.4	<1.1	<0.72	<1.1	<5.9	13	<0.71	<0.81	<0.37	<0.9	<0.71	<0.69	<0.78	<4	<0.95	<0.71	<0.57	<0.69	<0.51	0.93
VW-48-08	1998 1stQ	365000	9800	--	--	--	--	--	--	480	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2200
	1998 3rdQ	258000	9300	--	--	--	--	--	--	750	--	--	ND	--	--	--	--	--	--	--	--	--	--	100	--	--	--	820
	1998 4thQ	150000	9200	--	--	--	--	--	--	490	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1300
	1999 1stQ	208000	4900	--	--	--	--	--	--	450	--	--	ND	--	--	--	--	--	--	--	--	--	--	50	--	--	--	810
	1999 2ndQ	ND	2900	--	--	--	--	--	--	420	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	880
	1999 3rdQ	184000	6800	--	--	--	--	--	--	510	--	--	ND	--	--	--	--	--	--	--	--	--	--	79	--	--	--	680
	2000 1stQ	412000	12000	--	--	--	--	--	<480	490	<260	<380	<420	<180	<250	<290	<130	<320	<250	<250	<280	<280	<340	<250	<200	<250	<180	2500
	2000 3rdQ	169000	--	--	--	--	--	--	--	470	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3000
	2000 4thQ	173000	--	--	--	--	--	--	--	190	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1400
VW-48-17	1998 1stQ	539000	46000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6700
	1998 2ndQ	441000	28000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4100
	1998 3rdQ	592000	40000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4200
	1998 4thQ	517000	50000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4200
	1999 1stQ	356000	23000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2900
	1999 2ndQ	ND	21000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7100
	1999 3rdQ	530000	30000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3500
	2000 1stQ	781000	43000	--	--	--	--	--	<1900	<1600	<1000	<1500	<1700	<710	<1000	<1200	<520	<1300	<1000	<990	<1100	<1100	<1400	<1000	<820	<990	<730	4900

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-46-15 (VW-46-I)	1999 2ndQ	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	15	ND	ND	ND	ND	6	ND	ND	ND	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	14	ND	ND	ND	ND	5.1	ND	ND	ND	190	ND	ND	4.7	ND	ND	1.6	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	11	ND	ND	ND	ND	1.1	ND	ND	ND	140	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	9.2	ND	ND	ND	ND	1.7	ND	ND	ND	110	ND	0.67	2.9	ND	ND	1.1	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	10	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	120	<0.87	<0.92	0.81	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	9	<0.88	<0.98	<0.88	<0.73	5.2	<0.98	<0.47	<0.52	120	<0.87	1.2	5.1	<0.39	<0.94	1.9	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	6.2	<0.88	<0.98	<0.88	<0.73	11	<0.98	<0.47	<0.52	97	<0.87	2.8	13	<0.39	<0.94	4.2	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.8	<1.1	<0.75	5.2	<1.1	<1.2	<1.1	<0.92	<1.3	<1.2	<0.59	<0.65	92	<1.1	3.8	13	<0.48	<1.2	<1.2	<0.73	<0.83	<0.83	<0.83
	2001 3rdQ	<0.64	<0.87	<0.6	5.9	<0.88	<0.98	<0.88	<0.73	3.7	<0.98	<0.47	<0.52	90	<0.87	<0.92	4	<0.39	<0.94	1.8	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<0.64	<0.87	<0.6	5.3	<0.88	<0.98	<0.88	<0.73	2.8	<0.98	<0.47	<0.52	110	<0.87	<0.92	3.7	<0.39	<0.94	1.7	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.8	<1.1	<0.75	5.4	<1.1	<1.2	<1.1	<0.92	10	<1.2	<0.59	<0.65	72	<1.1	2.6	31	<0.48	<1.2	21	<0.73	<0.83	<0.83	<0.83
	2002 2ndQ	--	--	--	3.8	--	--	--	--	2.5	--	--	--	64	--	ND	2.7	--	--	--	--	--	--	--
	2002 3rdQ	<0.64	<0.87	<0.6	4.1	<0.88	<0.98	<0.88	<0.73	3.7	<0.98	<0.47	<0.52	73	<0.87	<0.92	4.1	<0.39	<0.94	1.7	<0.58	<0.67	<0.67	<0.67
	2002 4thQ	<0.81	<1.1	<0.76	4.4	<1.1	<1.3	<1.1	<0.94	4.4	<1.3	<0.6	<0.67	76	<1.1	<1.2	3.1	<0.5	<1.2	<1.2	<0.75	<0.85	<0.85	<0.85
	2003 1stQ	--	--	--	3.5	--	--	--	--	2	--	--	--	57	--	ND	1.9	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	3.9	--	--	--	--	5.4	--	--	--	57	--	ND	4.1	--	--	--	--	--	--	--
	2003 3rdQ	--	--	--	3.8	--	--	--	--	4.4	--	--	--	65	--	ND	3.2	--	--	--	--	--	--	--
	2003 4thQ	<0.8	<1.1	--	9.5	--	--	--	--	7.8	--	--	--	54	--	27	98	--	--	--	--	--	--	--
	12/21/2005	<0.25 UJ2	<0.34 UJ2	<0.23 UJ2	0.55 J2	<0.35 UJ2	0.41 J2	<0.35 UJ2	<0.29 UJ2	68 J2,C	<0.38 UJ2	<0.18 UJ2	<0.20 UJ2	2.7 J2	0.39 J2	9.2 J2,C	40 J2,C	<0.15 UJ2	4.8 J2	14 J2,C	<0.23 UJ2	<0.26 UJ2	<0.26 UJ2	<0.26 UJ2
	12/6/2006	<11	<15	<11	<13	<16	<17	<16	<13	<19	<17	<8.3	<9.2	12	<15	<16	<16	<6.9	<17	<16	<10	<12	<12	<12
	3/20/2007	<0.25	<0.34	<0.23	1.8	<0.35	<0.38	<0.35	<0.29	1.4	<0.38	<0.18	<0.20	15	<0.34	0.38	1.4	<0.15	<0.37	0.51	<0.23	<0.26	<0.26	<0.26
	6/24/2007	<0.28	<0.38	<0.26	<0.32	<0.38	<0.42	<0.38	<0.32	4.7	0.65	<0.20	<0.23	3.2	<0.38	1.3	6.6	<0.17	0.42	2.3	<0.25	<0.29	<0.29	<0.29
	9/27/2007	<2.6	<3.6	<2.5	<3.1	<3.6	<4.0	<3.6	<3.0	<4.4	<4.0	<1.9	<2.1	19	<3.6	<3.8	<3.8	<1.6	<3.9	<3.8	<2.4	<2.7	<2.7	<2.7
	1/2/2008	<13	<17	<12	<15	<17	<19	<17	<14	<21	<19	<9.3	<10	<12	<17	<18	<18	<7.6	<19	<18	<12	<13	<13	<13
	6/10/2008	<0.19	<0.25	<0.18	0.33	<0.26	<0.29	<0.26	<0.22	0.73	<0.29	<0.14	<0.15	7.2	<0.26	<0.27	0.64	<0.11	<0.28	<0.27	<0.17	<0.2	<0.2	<0.2
	12/14/2008	<0.22	<0.3	<0.2	0.46	<0.3	<0.33	<0.3	<0.25	1.8	<0.33	<0.16	<0.18	9.7	<0.3	<0.31	0.79	<0.13	<0.32	<0.31	<0.2	<0.23	<0.23	<0.23
VW-46-27 (VW-46-D)	1998 1stQ	--	--	--	31	--	--	--	--	2.1	--	--	--	220	--	ND	1.6	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	28	--	--	--	--	ND	--	--	--	230	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	21	--	--	--	--	2.6	--	--	--	190	--	ND	1.4	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	29	--	--	--	--	1.4	--	--	--	230	--	ND	ND	--	0.7	--	--	--	--	--
	1999 1stQ	ND	ND	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	23	ND	ND	ND	ND	1.8	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	18	ND	ND	ND	ND	6.6	ND	ND	ND	180	ND	ND	5.5	ND	ND	1.9	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	14	ND	ND	ND	ND	6.4	ND	ND	ND	150	ND	3.3	14	ND	ND	3.8	ND	ND	ND	ND
	2000 2ndQ	<0.64	<0.87	<0.6	11	<0.88	<0.98	<0.88	<0.73	1.9	<0.98	<0.47	<0.52	120	<0.87	<0.92	2	<0.39	<0.94	0.85	<0.58	<0.67	<0.67	<0.67
	2000 3rdQ	<0.64	<0.87	<0.6	11	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	120	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	9.6	<0.88	<0.98	<0.88	<0.73	4.1	<0.98	<0.47	<0.52	120	<0.87	0.91	4.1	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	6.8	<0.88	<0.98	<0.88	<0.73	9.3	<0.98	<0.47	<0.52	96	<0.87	2.5	12	<0.39	<0.94	3.8	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.8	<1.1	<0.75	5.8	<1.1	<1.2	<1.1	<0.92	<1.3	<1.2	<0.59	<0.65	97	<1.1	<1.2	<1.2	<0.48	<1.2	<1.2	<0.73	<0.83	<0.83	<0.83
	2001 3rdQ	<0.64	<0.87	<0.6	6.2	<0.88	<0.98	<0.88	<0.73	3.3	<0.98	<0.47	<0.52	86	<0.87	<0.92	3.6	<0.39	<0.94	1.6	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<0.64	<0.87	<0.6	5.9	<0.88	<0.98	<0.88	<0.73	2.4	<0.98	<0.47	<0.52	86	<0.87	<0.92	3.1	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.8	<1.1	<0.75	6.3	<1.1	<1.2	<1.1	<0.92	17	<1.2	<0.59	<0.65	78	<1.1	6.5	28	<0.48	<1.2	13	<0.73	<0.83	<0.83	5.1
	2002 2ndQ	--	--	--	4.4	--	--	--	--	2.4	--	--	--	66	--	ND	2.3	--	--	--	--	--	--	--
	2002 3rdQ	<0.64	<0.87	<0.6	4.9	<0.88	<0.98	<0.88	<0.73	3.5	<0.98	<0.47	<0.52	72	<0.87	<0.92	3.9	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2002 4thQ	<0.81	<1.1	<0.76	5.1	<1.1	<1.2	<1.1	<0.93	4.8	<1.2	<0.6	<0.66	77	<1.1	<1.2	3.3	<0.49	<1.2	<1.2	<0.74	<0.85	<0.85	<0.85
	2003 1stQ	--	--	--	5.2	--	--	--	--	2.5	--	--	--	53	--	ND	2.9	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	5.2	--	--	--	--	4.3	--	--	--	56	--	ND	3.2	--	--	--	--	--	--	--
	2003 3rdQ	--	--	--	4.9	--	--	--	--	4.1	--	--	--	61	--	ND	3.3	--	--	--	--	--	--	--
	2003 4thQ	<0.8	<1.1	--	4.5	--	--	--	--	4.3	--	--	--	49	--	ND	4.9	--	--	--	--	--	--	--
	12/21/2005	<2.5 UJ2	<3.4 UJ2	<2.4 UJ2	<2.9 UJ2	<3.5 UJ2	<3.9 UJ2	<3.5 UJ2	<2.9 UJ2	7.6 J2,C	<3.9 UJ2	<1.9 UJ2	<2.1 UJ2	6.6 J2	<3.4 UJ2	<3.6 UJ2,C	<3.6 UJ2,C	<1.5 UJ2	<3.7 UJ2	<3.6 UJ2,C	<2.3 UJ2	<2.6 UJ2	<2.6 UJ2	<2.6 UJ2
	12/6/2006	0.28	<0.31	<0.21	3.1	<0.31	<0.35	<0.31	<0.26	2.4	<0.35	<0.17	<0.18	16	<0.31	0.4	1.3	<0.14	<0.33	0.4	<0.21	<0.24	<0.24	<0.24
	12/6/2006 Dup	<7.4	<10	<7.0	<8.7	<10	<11	<10	<8.6	<12	<11	<5.5	<6.1	15	<10	<11	<11	<4.5	<11	<11	<6.8	<7.8	<7.8	<7.8
	3/20/2007	<0.24	<0.33	<0.23	1.2	<0.34	<0.37	<0.34	<0.28	1.5	0.38	<0.18	<0.20	18	<0.33	0.45	2.3	<0.15	<0.36	0.76	<0.22	<0.25	<0.25	<0.25
	6/24/2007	<0.27	<0.37	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	3.3	0.65	<0.20	<0.22	1.7	<0.37	1.2	5.3	<0.16	<0.40	1.6	<0.25	<0.28	<0.28	<0.28
	6/24/2007 Dup	<0.29	<0.39	<0.27	<0.34	<0.40	<0.44	<0.40	<0.33	2.9	0.65	<0.21	<0.24	1.6	<0.40	1	4.7	<0.18	<0.43	1.6	<0.27	<0.30	<0.30	<0.30
	9/27/2007	<0.55	<0.75	<0.52	<0.64	<0.76	<0.84	<0.76	<0.63	5.1	<0.84	<0.41	<0.45	<0.51	<0.75	0.87	2.7	<0.33	<0.81	1	<0.50	<0.57	<0.57	<0.57
	1/2/2008	<0.24	<0.33	<0.23	0.35	<0.33	<0.37	<0.33	<0.28	24	<0.37	<0.18	<0.2	3.1	<0.33	2.3	9.9	<0.15	<0.36	2.8	<0.22	<0.25	<0.25	<0.25
	6/10/2008	0.59	<0.3	<0.21	0.92	<0.31	<0.34	<0.31	<0.25	1.1	<0.34	<0.16	<0.18	16	<0.3	0.44	1.4	<0.13	<0.33	0.55	<0.2	<0.23	<0.23	<0.23
	12/14/2008	<0.44	<0.61	<0.42	<0.52	<0.62	<0.68	<0.62	<0.51	1.6	<0.68	<0.33	<0.36	<0.41	<0.61	<0.64	1.1	<0.27	<0.66	<0.64	<0.41	<0.47	<0.47	<0.47
VW-48-08	1998 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	170	280	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	120	ND	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1999 1stQ	--	--	--	ND	--	--	--	--	41	--	--	--	ND	--	42	43	--	--	38	--	--	--	--
	1999 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1999 3rdQ	--	--	--	ND	--	--	--	--	41	--	--	--	ND	--	49	51	--	--	42	--	--	--	--
	2000 1stQ	<160	<220	<150	<190	<220	<240	<220	<180	<270	<240	<120	<130	<150	<220	<230	<230	97	<230	<230	<150	<170	<170	<170
	2000 3rdQ	--	--	--	ND	--	--	--	--	60	--	--	--	ND	--	94	78	--	--	--	--	--	--	--
	2000 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
VW-48-17	1998 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1300	6400	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	3100	1400	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	5400	1800	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	6500	3900	--	--	--	--	--	--	--
	1999 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	5200	3800	--	--	370	--	--	--	--
	1999 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	8500	7700	--	--	--	--	--	--	--
	1999 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	4800	4300	--	--	--	--	--	--	--
	2000 1stQ	<640	<870	<600	<740	<880	<980	<880	<730	<1100	<980	<470	<520	<590	<870	6500	4000	<390	<940	<920	<580	<670	<670	<670

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-48-17	2000 3rdQ	789000	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	4200
	2000 4thQ	789000	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	3200
VW-48-35	1998 1stQ	37000	800	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	12
	1998 2ndQ	31600	590	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1998 3rdQ	27500	840	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1998 4thQ	16600	710	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1999 1stQ	13500	1300	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	56	--	--	--	--	--	--	--	--	ND
	1999 2ndQ	ND	300	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1999 3rdQ	19600	270	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1999 4thQ	14800	300	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2000 1stQ	14800	300	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2000 3rdQ	20300	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2000 4thQ	20400	--	--	--	--	--	--	--	6.1	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
VW-49-10 (VW-49-S)	1998 1stQ	2.6	49	--	--	--	--	--	--	--	--	--	8.6	--	--	--	--	--	--	9.6	--	--	--	--	4.7	--	1300	--
	1998 2ndQ	9.2	58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2	--	49	--	--	--	--	--	--	410	--
	1998 3rdQ	5.4	120	--	--	--	--	--	--	--	--	--	8.4	--	--	1.6	--	15	--	10	4.2	--	2.3	0.99	--	--	42	1.5
	1998 4thQ	15	120	--	--	--	--	--	--	--	--	--	9.8	--	--	--	--	8.7	--	2.5	--	--	9.4	3.7	--	--	7.2	--
	1999 1stQ	1.8	15	--	--	--	--	--	ND	ND	ND	ND	3.8	ND	ND	ND	ND	4.8	ND	ND	ND	ND	ND	1.9	ND	ND	1.3	ND
	1999 2ndQ	0.91	11	--	--	--	--	--	ND	ND	ND	ND	6.7	ND	ND	ND	ND	1.2	ND	ND	1.3	ND	ND	1.8	ND	ND	1.1	ND
	1999 3rdQ	30	7.3	--	--	--	--	--	ND	ND	ND	ND	6.2	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	1.8	ND	ND	0.75	1.1
	1999 4thQ	2.1	13	--	--	--	--	--	ND	ND	ND	ND	7	ND	ND	ND	ND	5.4	ND	ND	5.1	ND	15	ND	ND	ND	ND	ND
	2000 1stQ	0.82	10	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND
	2000 2ndQ	6.7	34	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	8.6	1.4	ND	ND	ND	ND
	2000 3rdQ	54	18	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<2.1	<0.89	<1.3	<1.4	<0.65	6.2	<1.3	<1.2	<1.4	<1.4	4.8	1.8	<1	<1.2	<0.92	1.8
	2000 4thQ	31	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	3.6	<1.1	6.9	8	<0.82	<0.99	<0.73	6.1
	2001 1stQ	1.2	120	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.1	<0.71	<1	1.9	<0.52	<1.3	<1	<0.99	1.7	<1.1	1.9	<1	<0.82	<0.99	<0.73	<1.3
	2001 2ndQ	9.4	70	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<2.1	<0.89	<1.3	<1.4	<0.65	<1.6	<1.3	<1.2	<1.4	<1.4	<1.7	1.8	<1	<1.2	<0.92	<1.6
	2001 3rdQ	6.1	110	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	<1.7	<1.4	<1	1.9	<1.6	7.1	<1	<0.99	1.8	<1.1	2.9	<1	<0.82	<0.99	<0.73	<1.3
	2001 3rdQ Dup	4.2	9.2	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	2.5	<1.4	<1	<1.2	<1.6	3	<1	<0.99	2.1	<1.1	3.8	<1	<0.82	<0.99	<0.73	<1.3
	2002 1stQ	6.2	14	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	<1.7	<1.4	<1	5.8	<1.6	2.8	<1	<0.99	2.8	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2002 3rdQ	6.5	12	--	--	--	--	--	<6.3	<5.1	<3.4	<5	<5.5	<2.3	<3.3	<3.8	<1.7	<4.2	<3.3	<3.2	<3.6	<3.7	<4.4	<3.3	<2.7	<3.2	<2.4	<4.1
	2002 4thQ	1.8	13	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	6.8	<0.88	<1.2	<1.4	<0.64	7.7	<1.2	<1.2	<1.4	<1.4	3.8	<1.2	<1	<1.2	<0.9	<1.5
	2003 3rdQ	39	22	--	--	--	--	--	<2.5	<2.1	<1.4	<2	<11	<0.93	<1.3	<1.5	<0.68	<1.7	<1.3	<1.3	<1.5	<1.5	2.1	4	<1.1	<1.3	<0.96	3.2
	2003 4thQ	0.89	9	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<11	<0.89	<1.3	<1.4	<0.65	<1.6	<1.3	<1.2	<1.4	<1.4	2.5	<1.3	<1	<1.2	<0.92	<1.6
	12/27/2005	0.8	3.8	<0.15	10.6	83.2	<0.15	6.27	<0.74	<0.60	<0.39	<0.58	<3.2 C	<0.27	<0.39	0.78	<0.20	<0.49	<0.39	<0.38	<0.42	<0.43	1.3	<0.39	<0.31	<0.38	<0.28	8.4 C
	12/19/2006	1.5 V	1.9	<0.15	16.5	79.8	<0.15	3.63	<0.71	<0.57	<0.38	<0.55	6.2	0.33	<0.37	<0.42	<0.19	1.1	<0.37	<0.36	<0.41	<0.41	2.9	<0.37	<0.30	<0.36	<0.27	3.3
	3/15/2007	3.6	8.3	<0.15	9.06	84.2	<0.15	6.73	<1.5	<1.2	<0.79	<1.2	9.2	<0.55	<0.78	<0.89	<0.40	<0.99	<0.78	<0.76	<0.85	<0.88	2.4	<0.78	<0.63	<0.76	<0.56	34
	6/29/2007	<0.71	8.2	<0.14	8.33	82.1	<0.14	9.59	<0.68	<0.55	<0.36	<0.53	11 *	<0.25	<0.36	<0.41	<0.18	4.3	<0.36	<0.35	<0.39	2.1	5.4	0.4	<0.29	<0.35	<0.26	28
	6/29/2007 Dup	<0.84	10	<0.17	7.9	82.2	<0.17	9.9	<0.81	<0.66	<0.43	<0.64	14 *	<0.30	<0.42	<0.48	<0.22	0.81	<0.42	<0.42	<0.47	2.3	5.4	<0.42	<0.34	<0.42	<0.31	30
	9/20/2007	<0.79	1.9	<0.16	10.3	79	<0.16	10.7	<0.77	<0.62	<0.41	<0.60	13	<0.28	<0.40	<0.45	<0.21	0.55	<0.40	<0.39	<0.44	<2.2	1.9	<0.40	<0.32	<0.39	<0.29	6.5
	1/7/2008	1.9	1.7	<0.15	16.1	80.7	<0.15	3.19	<0.72	<0.58	<0.38	<0.56	14	<0.26	<0.37	<0.43	<0.19	1.6	<0.37	<0.37	<0.41	<2.1	1	<0.37	<0.3	<0.37	<0.27	3.4
	6/16/2008	<0.82	6.3	<0.16	8.76	82.3	<0.16	8.96	<0.69	<0.56	<0.37	<0.54	11	<0.25	<0.36	<0.41	<0.19	<0.46	<0.36	<0.35	<0.4	<2	3.4	<0.36	<0.29	<0.35	<0.26	5
	1/5/2009	<0.78	6	<0.16	8.3	84.4	<0.16	7.31	<0.67	<0.54	<0.36	<0.52	4.3	<0.25	<0.35	<0.4	<0.18	<0.44	<0.35	<0.34	<0.38	<2	0.91	<0.35	<0.28	<0.34	<0.25	2.6
VW-49-18 (VW-49-I)	1998 1stQ	--	100	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	--	--	--	3.3	--	570	--
	1998 2ndQ	--	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.5	--
	1998 3rdQ	20	150	--	--	--	--	--	--	--	--	1	5.7	--	--	--	--	19	--	0.78	4.2	--	0.98	--	--	--	5.1	0.9
	1998 4thQ	1.4	82	--	--	--	--	--	--	--	--	--	7.9	--	--	--	5	--	--	--	--	--	6.9	4.1	--	--	--	--
	1999 1stQ	ND	18	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	14	--	--	--	--	--	ND	ND	ND	ND	24	ND	ND	ND	ND	0.93	ND	ND	ND	ND	100	ND	ND	ND	ND	ND
	1999 3rdQ	ND	6.1	--	--	--	--	--	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	0.8	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	24	--	--	--	--	--	ND	ND	ND	ND	3.4	ND	ND	ND	ND	2.8	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND
	2000 3rdQ	0.8	18	--	--	--	--	--	<19	<16	<10	<15	15	<7.1	<10	<12	<5.2	<13	<10	<9.9	<11	<11	<14	<10	<8.2	<9.9	<7.3	<13
	2000 4thQ	<0.5	12	--	--	--	--	--	<19	<16	<10	<15	13	<7.1	<10	<12	<5.2	<13	<10	<9.9	<11	<11	<14	<10	<8.2	<9.9	<7.3	<13
	2001 1stQ	<0.5	120	--	--	--	--	--	<1.9	<1.6	<1	<1.5	3.5	<0.71	<1	<1.2	<0.52	1.9	<1	<0.99	<1.1	<1.1	1.8	<1	<0.82	<0.99	<0.73	<1.3
	2001 2ndQ	<0.5	71	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 3rdQ	<0.5	87	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	3.3	<1.4	<1	<1.2	<1.6	3.3	<1	<0.99	1.4	<1.1	1.9	<1	<0.82	<0.99	<0.73	<1.3
	2001 4thQ	<0.5	9.2	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 1stQ	<0.5	25	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 3rdQ	<0.63	12	--	--	--	--	--	<12	<9.9	<6.5	<9.6	<11	<4.5	<6.4	<7.3	<3.3	<8.1	<6.4	<6.2	<7	<7.2	<8.5	<6.4	<5.2	<6.2	<4.6	<7.9
	2002 4thQ	<0.61	13	--	--	--	--	--	<12	<9.5	<6.2	<9.2	<10	<4.3	<6.1	<7	<3.2	<7.8	<6.1	<6	<6.7	<6.9	<8.2	<6.1	<5	<6	<4.4	<7.6
	2003 3rdQ	<0.63	18	--	--	--	--	--	<2.4	<2	<1.3	<1.9	13	<0.89	<1.3	<1.4	<0.65	<1.6	<1.3	<1.2	<1.4	4	2.5	<1.3	<1	<1.2	<0.92	<1.6
	2003 4thQ	<0.6	9.9	--	--	--	--	--	<2.3	<1.9	<1.2	<1.8	<10	<0.86	<1.2	<1.4	<0.63	2.2	<1.2	<1.2	<1.3	<1.4	<1.6	<1.2	<0.99	<1.2	<0.89	<1.5
	12/27/2005	1.7	3.3	<0.15	14.1	80	<0.15	5.85	<3.7	<3.0	<2.0	<2.9	<16 C	<1.4	<1.9	<2.2	<10	<2.5	<1.9	<1.9	<2.1	<2.2	3.6	<1.9	<1.6	<1.9	<1.4	6.3 C
	12/19/2006	<0.76 V	4.8	<0.15	3.84	81.4	<0.15	14.7	<12	<9.9	<6.5	<9.6	<53	<4.5	<6.4	<7.3	<3.3	<8.1	<6.4	<6.3	<7.0	<7.2	<8.6	<6.4	<5.2	<6.3	<4.6	<7.9
	3/15/2007	3.8	10	<0.16	4.45	81.5	<0.16	14.1	<7.9	<6.4	<4.2	<6.2	<35	<2.9	<4.1	<4.7	<2.1	<5.3	<4.1	<4.1	<4.6	<4.7	7.3	<4.1	<3.4	<4.1	<3.0	260
	6/29/2007	<0.85	11	<0.17	7.01	80.5	<0.17	12.5	<33	<26	<17	<026	<140 *	<12	<17	<19	<8.8	<22	<17	<17	<19	<19	<23	<17	<14	<17	<12	<21
	9/20/2007	<0.65	5.6	<0.13	4	81.6	<0.13	14.4	<12	<10	<6.6	<9.8	<54	<4.6	<6.5	<7.4	<3.4	<8.3	<6.5	<6.4	<7.2	<37	12	<6.5	<5.3	<6.4	<4.7	<8.1
	1/7/2008	2.2	<1.6	<0.16	20.8	78.1	<0.16	1.11	<0.78	<0.63	<0.41	<0.61	15	<0.28	<0.4	<0.46	<0.21	1.6	<0.4	<0.4	<0.44	<2.3	1.2	<0.4	<0.33	<0.4	<0.29	5.4
	6/16/2008	2	2.9	<0.16	20.2	78.2	<0.16	1.57	<0.69	<0.55	<0.36	<0.54	20	<0.25	<0.36	<0.41	<0.18	0.54	<0.36	<0.35	<0.39	<2	9.5	<0.36	<0.29	<0.35	<0.26	13
	1/5/2009	<0.81	9.7	<0.16	5.43	81.6	<0.16	13	<23	<19	<12	<18	<100	<8.5	<12	<14	<6.2	<15	<12	<12	<13	<67	<16	<12	<9.7	<12	<8.7	<15
VW-49-30 (VW-49-D)	1998 1stQ	--	100	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	3.2	--
	1998 2ndQ	--	76	--	--	--	--	--	--	--	--	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	10	160	--	--	--	--	--	--	--	--	--	4.7	--	--	--	--	1.3	--	0.66	4.9	--	0.96	--	--	--	--	--
	1998 4thQ	1	84	--	--	--	--	--	--	--	--	--	35	--	--	--	--	--	--	--	--	--	3.8	--	--	--	--	--
	1999 1stQ	ND	19	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	13	--	--	--	--	--	ND	ND	ND	ND	6.4	ND	ND	ND	ND	7.6	ND	ND	ND	1.3	1.4	ND	ND	ND	ND	ND

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-48-17	2000 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	6400	3100	--	--	--	--	--	--	--
	2000 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	6100	2200	--	--	--	--	--	--	--
VW-48-35	1998 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	18	--	17	32	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	6.2	--	--	--	--	ND	--	--	--	21	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	15	--	7.5	ND	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	15	--	--	--	--	ND	--	--	--	52	--	ND	ND	--	--	--	--	--	--	--
	1999 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	30	--	ND	ND	--	--	--	--	--	--	--
	1999 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	27	--	ND	ND	--	--	--	--	--	--	--
	1999 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	28	--	ND	ND	--	--	--	--	--	--	--
	1999 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2000 1stQ	--	--	--	6.4	--	--	--	--	ND	--	--	--	19	--	ND	6.9	--	--	--	--	--	--	--
	2000 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	11	--	ND	ND	--	--	--	--	--	--	--
	2000 4thQ	--	--	--	ND	--	--	--	--	5.5	--	--	--	7.3	--	ND	6.3	--	--	--	--	--	--	--
VW-49-10 (VW-49-S)	1998 1stQ	--	--	--	3.8	--	--	--	--	--	--	--	--	54	--	--	--	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	4.9	--	--	--	--	--	--	--	--	50	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	4.9	--	--	--	--	4.7	--	--	--	110	--	0.7	3.1	--	--	1.3	--	--	--	--
	1998 4thQ	--	--	--	38	--	--	--	--	2.2	--	--	--	210	--	--	2.4	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	15	ND	ND	ND	ND	2.1	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	18	ND	ND	ND	ND	0.9	ND	ND	ND	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	16	ND	ND	ND	ND	5.2	ND	ND	ND	150	ND	ND	3.7	ND	ND	1.6	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	9.4	ND	ND	ND	ND	4	ND	ND	ND	70	ND	2.9	11	ND	ND	3.3	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	12	ND	ND	ND	ND	1.2	ND	ND	ND	95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.8	<1.1	<0.75	21	<1.1	<1.2	<1.1	<0.92	3.3	<1.2	<0.59	<0.65	150	<1.1	<1.2	3.8	<0.48	<1.2	1.3	<0.73	<0.83	1.1	<0.83
	2000 4thQ	<0.64	<0.87	<0.6	20	<0.88	<0.98	<0.88	<0.73	5.7	<0.98	<0.47	<0.52	120	<0.87	1.1	4.2	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	8.3	<0.88	<0.98	<0.88	<0.73	8.3	<0.98	<0.47	<0.52	68	5.1	2.2	10	<0.39	<0.94	3.2	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.8	<1.1	<0.75	11	<1.1	<1.2	<1.1	<0.92	2.1	<1.2	<0.59	<0.65	97	<1.1	<1.2	1.9	<0.48	<1.2	<1.2	<0.73	<0.83	<0.83	<0.83
	2001 3rdQ	<0.64	<0.87	<0.6	11	<0.88	<0.98	<0.88	<0.73	3.4	<0.98	<0.47	<0.52	100	<0.87	<0.92	3	<0.39	<0.94	1.4	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ Dup	<0.64	<0.87	<0.6	9.8	<0.88	<0.98	<0.88	<0.73	3.1	<0.98	<0.47	<0.52	82	<0.87	<0.92	3.8	<0.39	<0.94	1.9	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	<0.87	<0.6	10	<0.88	<0.98	<0.88	<0.73	8.6	<0.98	<0.47	<0.52	70	<0.87	2.4	9.5	<0.39	<0.94	3.9	<0.58	<0.67	<0.67	<0.67
	2002 3rdQ	<2.1	<2.8	<2	13	<2.9	<3.2	<2.9	<2.4	<3.5	<3.2	<1.5	<1.7	97	<2.8	<3	<3	<1.3	<3.1	<3	<1.9	<2.2	<2.2	<2.2
	2002 4thQ	<0.78	<1.1	<0.73	8.7	<1.1	<1.2	<1.1	<0.9	3.9	<1.2	<0.58	<0.64	74	<1.1	<1.1	2.4	<0.48	<1.2	<1.1	<0.72	<0.82	<0.82	<0.82
	2003 3rdQ	<0.83	<1.1	<0.78	18	<1.2	<1.3	<1.2	<0.96	5.5	<1.3	<0.62	<0.68	99	<1.1	<1.2	3.8	<0.51	<1.2	1.4	<0.76	<0.87	<0.87	<0.87
	2003 4thQ	<0.8	<1.1	<0.75	9.4	<1.1	<1.2	<1.1	<0.92	6.2	<1.2	<0.59	<0.65	58	<1.1	1.5	5.8	<0.48	<1.2	2.2	<0.73	<0.83	<0.83	<0.83
	12/27/2005	<0.24	<0.33	<0.23	4.9	<0.34	<0.37	<0.34	<0.28	20 C	<0.37	<0.18	<0.20	14	<0.33	3.1 C	12 C	<0.15	0.4	3.9 C	<0.22	<0.25	<0.25	<0.25
	12/19/2006	<0.23	<0.32	<0.22	2.6	<0.32	<0.36	<0.32	<0.27	20	<0.36	<0.17	<0.19	8.1	<0.32	0.41	1.4	<0.14	<0.34	0.46	<0.21	<0.24	<0.24	<0.24
	3/15/2007	<0.49	<0.67	<0.46	6.1	<0.68	<0.75	<0.68	<0.56	4.9	<0.75	<0.36	<0.40	20	<0.67	1.3	6.4	<0.30	<0.72	2	<0.45	<0.51	<0.51	<0.51
	6/29/2007	<0.22	<0.31	<0.21	10	<0.31	0.6	<0.31	<0.26	3	3.4	<0.17	<0.18	64	<0.31	0.85	4.7	<0.14	0.66	1.7	<0.21	<0.23	<0.23	<0.23
	6/29/2007 Dup	<0.27	<0.36	<0.25	10	<0.37	0.71	<0.37	<0.31	2.8	3.7	<0.20	<0.22	50	<0.36	0.84	4.7	<0.16	0.67	1.7	<0.24	<0.28	<0.28	<0.28
	9/20/2007	<0.25	<0.34	<0.24	8.5	<0.35	<0.39	<0.35	<0.29	4.9	<0.39	<0.19	<0.21	35	<0.34	0.62	2.5	<0.15	1	0.9	<0.23	<0.26	<0.26	<0.26
	1/7/2008	<0.24	<0.32	<0.22	1.8	<0.33	<0.36	<0.33	<0.27	5.5	<0.36	<0.17	<0.19	3.8	0.94	0.45	1.8	<0.14	<0.35	0.65	<0.22	<0.25	<0.25	0.46
	6/16/2008	<0.23	<0.31	<0.21	5.7	<0.32	<0.35	<0.32	<0.26	2.7	0.82	<0.17	<0.19	18	<0.31	0.38	1.2	<0.14	<0.34	0.38	<0.21	<0.24	<0.24	<0.24
	1/5/2009	<0.22	<0.3	<0.21	5.2	<0.3	<0.34	<0.3	<0.25	2	<0.34	<0.16	<0.18	17	<0.3	0.55	2.3	<0.13	<0.32	0.85	<0.2	<0.23	<0.23	<0.23
VW-49-18 (VW-49-I)	1998 1stQ	--	--	2.1	16	--	--	--	--	--	--	--	--	730	--	--	--	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	5.7	--	--	--	--	--	--	--	--	360	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	13	--	--	--	--	2.8	--	--	--	350	0.62	--	2.1	--	--	0.95	--	--	--	--
	1998 4thQ	--	--	--	52	--	--	--	--	2.4	--	--	--	540	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	23	ND	1.2	ND	ND	2.3	1.8	ND	ND	540	ND	ND	2.1	ND	ND	0.88	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	540	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	15	ND	ND	ND	ND	1.3	ND	ND	ND	620	ND	ND	1.7	ND	ND	0.75	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<6.4	<8.7	<6	11	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	770	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 4thQ	<6.4	<8.7	<6	9.9	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	720	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2001 1stQ	<0.64	<0.87	<0.6	12	<0.88	<0.98	<0.88	<0.73	6.4	<0.98	<0.47	<0.52	760	<0.87	1.6	7.4	<0.39	<0.94	2.2	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<3.2	<4.3	<3	12	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	740	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<0.64	<0.87	<0.6	12	<0.88	<0.98	<0.88	<0.73	2.5	<0.98	<0.47	<0.52	660	<0.87	<0.92	2.5	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<3.2	<4.3	<3	12	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	750	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 1stQ	<3.2	<4.3	<3	15	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	650	<4.3	<4.6	6.7	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 3rdQ	<4	<5.5	<3.8	12	<5.6	<6.2	<5.6	<4.6	<6.7	<6.2	<3	<3.3	680	<5.5	<5.8	<5.8	<2.4	<5.9	<5.8	<3.7	<4.2	<4.2	<4.2
	2002 4thQ	<3.8	<5.2	<3.6	15	<5.3	<5.9	<5.3	<4.4	<6.4	<5.9	<2.8	<3.2	910	<5.3	<5.6	<5.6	<2.3	<5.7	<5.6	<3.5	<4	<4	<4
	2003 3rdQ	<0.8	<1.1	<0.75	17	<1.1	<1.2	<1.1	<0.92	4.7	<1.2	<0.59	<0.65	860	<1.1	<1.2	3.8	<0.48	<1.2	1.5	<0.73	<0.83	<0.83	<0.83
	2003 4thQ	<0.77	<1	<0.72	19	<1.1	<1.2	<1.1	<0.89	3.2	<1.2	<0.57	<0.63	810	<1.1	<1.1	3.2	<0.47	<1.1	1.1	<0.71	<0.81	<0.81	<0.81
	12/27/2005	<1.2	<1.7	<1.1	5.7	<1.7	<1.9	<1.7	<1.4	13 C	<1.9	<0.9	<1.0	170	<1.7	2.6 C	12 C	<0.74	<1.8	4.3 C	<1.1	<1.3	<1.3	<1.3
	12/19/2006	<4.0	<5.5	<3.8	13	<5.6	<6.2	<5.6	<4.6	<6.7	<6.2	<3.0	<3.3	270	<5.5	<5.8	<5.8	<2.5	<6.0	<5.8	<3.7	<4.2	<4.2	<4.2
	3/15/2007	<2.6	<3.5	<2.4	30	<3.6	<4.0	<3.6	<3.0	4.4	<4.0	<1.9	<2.1	150	<3.6	<3.8	4.6	<1.6	<3.9	<3.8	<2.4	<2.7	<2.7	<2.7
	6/29/2007	<11	<15	<10	14	<15	<17	<15	<12	<18	<17	<7.9	<8.8	620	<15	<16	<16	<6.5	<16	<16	<9.8	<11	<11	<11
	9/20/2007	<4.1	<5.6	<3.9	10	<5.7	<6.3	<5.7	<4.7	<6.8	<6.3	<3.0	<3.4	370	<5.6	<5.9	<5.9	<2.5	<6.1	<5.9	<3.8	<4.3	<4.3	<4.3
	1/7/2008	<0.25	<0.35	<0.24	0.37	<0.35	<0.39	<0.35	<0.29	8.5	<0.39	<0.19	<0.21	5.6	<0.35	1	4.3	<0.15	<0.38	1.4	<0.23	<0.27	<0.27	<0.27
	6/16/2008	<0.23	<0.31	<0.21	0.68	<0.31	<0.35	<0.31	<0.26	9.6	<0.35	<0.17	<0.18	15	<0.31	0.45	1.3	<0.14	<0.33	0.46	<0.21	<0.24	<0.24	<0.24
	1/5/2009	<7.6	<10	<7.1	9.5	<10	<12	<10	<8.7	<13	<12	<5.6	<6.2	510	<10	<11	<11	<4.6	<11	<11	<6.9	<7.9	<7.9	<7.9
VW-49-30 (VW-49-D)	1998 1stQ	--	--	--	17	--	--	--	--	--	--	--	--	900	--	--	--	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	16	--	--	--	--	--	--	--	--	930	--	--	--	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	7.7	--	--	--	--	3.1	--	--	--	290	--	2.3	--	--	--	0.93	--	--	--	--
	1998 4thQ	--	--	--	31	--	5.6	--	--	2	--	--	--	530	--	2	11	--	--	1.6	--	--	--	--
	1999 1stQ	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	510	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	550	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																										
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																			
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-49-30 (VW-49-D)	1999 3rdQ	ND	6.5	--	--	--	--	--	ND	ND	ND	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	25	--	--	--	--	--	ND	ND	ND	ND	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND
	2000 3rdQ	<0.5	13	--	--	--	--	--	<19	<16	<10	<15	<17	<7.1	<10	<12	<5.2	<13	<10	<9.9	<11	<11	<14	<10	<8.2	<9.9	<7.3	<13
	2000 4thQ	<0.5	14	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	5	<5	<4.1	<4.9	<3.7	<6.3
	2001 1stQ	<0.5	160	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.7	<0.71	<1	<1.2	<0.52	3.2	<1	<0.99	1.5	<1.1	2.1	<1	<0.82	<0.99	<0.73	<1.3
	2001 2ndQ	<0.5	71	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 3rdQ	<0.5	76	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	3.3	<1.4	<1	<1.2	<1.6	2.6	<1	<0.99	<1.1	<1.1	1.8	<1	<0.82	<0.99	<0.73	<1.3
	2001 4thQ	<0.5	11	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 1stQ	<0.5	14	--	--	--	--	--	<9.7	<7.8	<10	<7.6	12	<7.1	<5	<5.8	<7.8	9.2	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 3rdQ	<0.63	12	--	--	--	--	--	<12	<9.9	<6.5	<9.6	21	<4.5	<6.4	<7.3	<3.3	<8.1	<6.4	<6.2	<7	<7.2	<8.5	<6.4	<5.2	<6.2	<4.6	<7.9
	2002 4thQ	<0.61	13	--	--	--	--	--	<12	<9.5	<6.3	<9.3	14	<4.3	<6.2	<7	<3.2	<7.8	<6.2	<6	<6.8	<6.9	<8.3	<6.2	<5	<6	<4.5	<7.6
	2003 3rdQ	<0.63	18	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<11	<0.9	<1.3	<1.5	<0.66	5.3	<1.3	<1.2	<1.4	<1.4	2.1	<1.3	<1	<1.2	<0.92	<1.6
	2003 4thQ	<0.61	12	--	--	--	--	--	<2.3	<1.9	<1.2	<1.8	14	<0.86	<1.2	<1.4	<0.63	<1.6	<1.2	<1.2	<1.3	4.2	3.7	<1.2	<0.99	<1.2	<0.89	<1.5
	12/27/2005	2.3	1.7	<0.14	19.3	78.8	<0.14	1.95	<0.69	<0.56	<0.37	<0.54	11 M,J6,C	0.27	<0.36	0.46	<0.19	<0.46	<0.36	<0.35	<0.40	<0.41	2.4	<0.36	<0.29	<0.35	<0.26	4.8 C
	12/19/2006	<0.80 V	5.5	<0.16	3.76	81.4	<0.16	14.9	<2.6	<2.1	<1.4	<2.0	<11	<0.94	<1.3	<1.5	<0.69	<1.7	<1.3	<1.3	<1.5	<1.5	<1.8	<1.3	<1.1	<1.3	<0.97	4.6
	3/15/2007	<0.80	11	<0.16	4.75	81.2	<0.16	14	<7.8	<6.3	<4.1	<6.1	<34	<2.8	<4.0	<4.6	<2.1	<5.1	<4.0	<4.0	<4.4	<4.5	<5.4	<4.0	<3.3	<4.0	<2.9	11
	6/29/2007	1.1	7.2	<0.14	10.4	80.4	<0.14	9.16	<27	<22	<15	<21	<120 *	<10	<14	<16	<7.4	<18	<14	<14	<16	<16	<19	<14	<12	<14	<10	<18
	9/20/2007	<0.81	5	<0.16	3.98	81.5	<0.16	14.5	<16	<13	<8.3	<12	<68	<5.7	<8.1	<9.3	<4.2	<10	<8.1	<8.0	<8.9	<46	<11	<8.1	<6.6	<8.0	<5.9	<10
	1/7/2008	2.3	<1.5	<0.15	21.7	77.9	<0.15	0.402	<0.72	<0.58	<0.38	<0.56	12	0.28	<0.38	<0.43	<0.19	<0.48	<0.38	<0.37	<0.41	<2.1	0.87	<0.38	<0.31	<0.37	<0.27	3
	6/16/2008	1.9	<1.7	<0.17	22.1	77.8	<0.17	<0.17	<0.72	<0.59	<0.39	<0.57	33	<0.27	<0.38	0.44	<0.2	1.1	<0.38	<0.37	<0.42	<2.1	12	<0.38	<0.31	<0.37	<0.27	15
	6/16/2008 Dup	0.78	7.7	<0.15	10.7	80.6	<0.15	8.67	<1.3	<1.1	<0.7	<1	40	<0.49	<0.69	<0.79	<0.36	38	<0.69	<0.67	<0.76	5.5	13	<0.69	<0.56	<0.67	<0.5	13
	1/5/2009	<0.81	9.4	<0.16	6.53	81.3	<0.16	12.1	<17	<14	<9.1	<13	<75	<6.3	<8.9	<10	<4.6	<11	<8.9	<8.8	<9.8	<50	<12	<8.9	<7.3	<8.8	<6.5	<11
VW-51-08 (VW-51-S)	1999 1stQ	80	110	--	--	--	--	--	ND	ND	ND	ND	10	ND	ND	1.7	ND	5.5	ND	6.8	ND	ND	1.4	ND	ND	ND	2.6	ND
	1999 2ndQ	79	15	--	--	--	--	--	ND	ND	ND	ND	8.4	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	ND	ND	ND	3.3	ND
	1999 3rdQ	880	11	--	--	--	--	--	ND	ND	ND	ND	51	ND	ND	ND	ND	2.6	ND	12	ND	ND	2	ND	ND	ND	4.5	ND
	1999 4thQ	280	14	--	--	--	--	--	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	7.7	ND	ND	1.9	ND	ND	ND	2	ND
	2000 1stQ	71	8.6	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.8	ND	ND	1.4	ND	ND	ND	1.0	ND
	2000 2ndQ	150	26	--	--	--	--	--	ND	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND	4.9	ND	ND	ND	ND	ND	ND	1.1	ND
	2000 3rdQ	1550	19	--	--	--	--	--	<1.9	<1.6	<1	<1.5	15	<0.71	<1	<1.2	<0.52	<1.3	<1	7.8	5.4	<1.1	5.2	<1	<0.82	<0.99	1.4	<1.3
	2000 4thQ	350	7.7	--	--	--	--	--	<1.9	<1.6	<1	<1.5	42	<0.71	1.2	3.2	1.5	<1.3	<1	3.7	<1.1	<1.1	1.4	<1	<0.82	<0.99	12	<1.3
	2001 2ndQ	250	83	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	11	<1	3.3	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2001 3rdQ	870	75	--	--	--	--	--	<2.4	<2	<2.6	<1.9	<2.1	<1.8	<1.3	<1.4	<2	<1.6	<1.3	4	<1.4	<1.4	<1.7	<1.3	<1	<1.2	<0.92	<1.6
	2001 4thQ	350	13	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	<1.7	<1.4	<1	<1.2	<1.6	<1.3	<1	2.5	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2002 1stQ	200	9.7	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	12	<1.4	<1	<1.2	<1.6	<1.3	<1	1.6	<1.1	1.5	2.7	<1	<0.82	<0.99	<0.73	<1.3
	2002 2ndQ	760	--	--	--	--	--	--	--	ND	--	--	4.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	2170	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	<1.3	<1	2.1	1.4	<1.1	1.6	<1	<0.82	<0.99	<0.73	<1.3
	2002 4thQ	1160	13	--	--	--	--	--	<2.4	<2	<1.3	<1.9	3.4	<0.9	<1.3	<1.5	<0.66	<1.6	<1.3	1.6	<1.4	<1.4	5.7	<1.3	<1	<1.2	<0.92	<1.6
	2003 1stQ	39	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	160	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	1520	19	--	--	--	--	--	<2.5	<2	<1.3	<2	<11	<0.93	<1.3	<1.5	<0.68	<1.7	<1.3	<1.3	<1.4	<1.5	2.3	<1.3	<1.1	<1.3	<0.95	<1.6
	2003 4thQ	2950	21	--	--	--	--	--	<2.3	<1.9	<1.2	<1.8	<10	<0.86	<1.2	<1.4	<0.63	1.9	<1.2	<1.2	<1.3	<1.4	4.1	<1.2	<0.99	<1.2	<0.89	1.7
	1/3/2006	9.1 J7	2.7	<0.15	14.3	83.1	<0.15	2.58	<0.74	<0.60	<0.39	<0.58	6.4 M,J6,C	0.34	<0.39	0.48	<0.20	<0.49	<0.39	<0.38	<0.42	<0.43	1.9	<0.39	<0.31	<0.38	0.36	4.4 C
	12/21/2006	62	3.5	<0.15	1.44	88.7	<0.15	9.84	<0.71	<0.58	<0.38	<0.56	6.6 M	<0.26	<0.37	<0.42	<0.19	1.1	<0.37	<0.36	<0.41	<0.42	1.8	<0.37	<0.30	<0.36	<0.27	2.8
	3/22/2007	3,530(1)	4.1	<0.15	1.47	89.4	<0.15	8.77	<0.74	<0.59	<0.39	<0.58	3.6	<0.27	<0.38	<0.44	<0.20	<0.49	<0.38	<0.38	<0.42	<0.43	<0.52	<0.38	<0.31	<0.38	<0.28	4.5
	7/7/2007	6,290(1)	7.1	<0.14	1.61	86.7	<0.14	11.1	<2.3	<1.8	<1.2	<1.8	<9.8	<0.83	<1.2	<1.3	<0.61	6.9	<1.2	<1.2	<1.3	<1.3	<1.6	<1.2	<0.96	<1.2	<0.86	3.7
	9/26/2007	2,860(1)	4.4	<0.15	1.42	86.2	<0.15	12.1	<0.72	<0.58	<0.38	<0.56	8.3 M	<0.26	<0.37	<0.43	<0.19	1.8	<0.37	<0.37	<0.41	<2.1	1.1	<0.37	<0.30	<0.37	<0.27	2
	1/2/2008	8	3.8	<0.15	2.23	87.9	<0.15	9.85	<0.72	<0.58	<0.38	<0.56	3.92	<0.26	<0.37	<0.43	<0.19	<0.48	<0.37	<0.37	<0.41	<2.1	<0.5	<0.37	<0.3	<0.37	<0.27	2.86
	6/17/2008	500	11	<0.17	5.25	85.6	<0.17	9.04	<0.71	<0.57	<0.38	<0.56	29	<0.26	<0.37	<0.42	<0.19	8.6	<0.37	<0.36	<0.41	<2.1	6.2	<0.37	<0.3	<0.36	<0.27	11
	1/13/2009	6.5	7.4	<0.14	4.58	86.7	<0.14	8.73	<0.62	<0.5	<0.33	<0.48	6.4	<0.23	<0.32	<0.37	<0.17	0.59	<0.32	<0.31	<0.35	<1.8	1	<0.32	<0.26	<0.31	<0.23	2.6
VW-51-18 (VW-51-I)	1998 1stQ	386000	31000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
	1998 2ndQ	234000	22000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1200
	1998 3rdQ	241000	1900	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2900
	1998 4thQ	328000	19000	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6500
	1999 1stQ	901000	4000	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3100
	1999 2ndQ	423000	16000	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12000
	1999 3rdQ	390000	14000	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13000
	1999 4thQ	239000	14000	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5400
	2000 1stQ	216000	13000	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10000
	2000 2ndQ	211000	12000	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
	2000 3rdQ	30100	12000	--	--	--	--	--	<970	<780	<520	<760	<840	<360	<500	<580	<260	<640	<500	<490	<550	<570	<680	<500	<410	<490	<370	<630
	2000 4thQ	836000	31000	--	--	--	--	--	<970	<780	<520	<760	<840	<360	<500	<580	<260	<640	<500	<490	<550	<570	<680	<500	<410	<490	<370	2100
	2001 1stQ	868000	13000	--	--	--	--	--	<2400	<2000	<1300	<1900	<2100	<890	<1300	<1400	<650	<1600	<1300	<1200	<1400	<1400	<1700	<1300	<1000	<1200	<920	<1600
	2001 2ndQ	691000	8800	--	--	--	--	--	<480	<390	<260	<380	<420	<180	<250	<290	<130	<320	<250	<250	<280	<280	<340	<250	<200	<250	<180	<310
	2001 3rdQ	643000	13000	--	--	--	--	--	<970	<780	<1000	<760	<840	<710	<500	<580	<780	<640	<500	<490	<550	<570	<680	<500	<410	<490	<370	<630
	2001 4thQ	944000	24000	--	--	--	--	--	<1900	<1600	<2100	<1500	<1700	<1400	<1000	<1200	<1600	<1300	<1000	<990	<1100	<1100	<1400	<1000	<820	<990	<730	<1300
	2002 1stQ	245000	6300	--	--	--	--	--	<970	<780	<1000	<760	<840	<710	<500	<580	<780	<640	<500	<490	<550	<570	<680	<500	<410	<490	<370	<630
	2002 2ndQ	639000	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	821000	14000	--	--	--	--	--	<2400	15000	<1300	<1900	<2100	<890	<1300	3700	<650	<1600	<1300	<1200	<1400	<1400	<1700	22000	<1000	<1200	<920	<1600
	2002 4thQ	888000	25000	--	--	--	--	--	<760	<610	<400	<600	<660	<280	<400	<450	<200	<500	<400	<390	<440	<450	<530	<400	<320	<390	<290	<490
	2003 1stQ	842000	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	778000	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	855000	12000	--	--	--	--	--	<760	<610	<400	<600	<3300	<280	<400	<450	<200	<500	<400	<390	<440	<450	<530	<400	<320	<390	<290	<490
	2003 4thQ	903000	11000	--	--	--	--	--	<1400	<1100	<750	<1100	<6100	<520	<740	<840	<380	<940	<740	<720	<810	<830	<990	<740	<600	<720	<540	<910
	1/3/2006	18 J7	<1.5	<0.15	21.8	78.1	<0.15	<0.15	<0.74	<0.59	<0.39	<0.58	29 M,J5,J6,C	0.31 J5	<0.38	0.90 J5	<0.20	0.55 J5	<0.38	<0.38	<0.42	<0.43	3.0 J5	<0.38	<0.31	<0.38	0.77 J5	2.6 J5,C
	12/21/2006	5.4	1.5	<0.15	22.2	77.7	<0.15	<0.15	<0.71	<0.57	<0.38	<0.55	48 M	<0.26	<0.37	0.55	<0.19 V	<0.47	<0.37	<0.36	<0.41	<0.41	2	<0.37	<0.30	<0.36	<0.27	3.1
	3/22/2007	31	<1.6 V	<0.16	22.2	77.7	<0.16	<0.16	<0.78	<0.63	<0.41	<0.61	15	<0.29	<0.41	<0.46	<0.21	<0.52	<0.41	<0.40	<0.45	<0.46	1.6	<0.41	<0.33	<0.40	<0.30	17

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-49-30 (VW-49-D)	1999 3rdQ	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	460	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	12	ND	ND	ND	ND	3.7	ND	ND	ND	630	ND	1.3	5.4	ND	ND	2.2	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<6.4	<8.7	<6	9.6	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	750	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 4thQ	<3.2	<4.3	<3	12	<4.4	<4.9	<4.4	<3.7	3.8	<4.9	<2.3	<2.6	810	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 1stQ	<0.64	<0.87	<0.6	12	<0.88	<0.98	<0.88	<0.73	8	<0.98	<0.47	<0.52	770	<0.87	1.9	8.9	<0.39	<0.94	2.7	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<3.2	<4.3	<3	11	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	710	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<0.64	<0.87	<0.6	11	<0.88	<0.98	<0.88	<0.73	2.5	<0.98	<0.47	<0.52	640	<0.87	<0.92	2.6	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<3.2	<4.3	<3	11	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	780	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 1stQ	<3.2	<4.3	<3	14	<4.4	<4.9	<4.4	<3.7	8.3	<4.9	<2.3	<2.6	630	<4.3	<4.6	6.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 3rdQ	<4	<5.5	<3.8	12	<5.6	<6.2	<5.6	<4.6	<6.7	<6.2	<3	<3.3	670	<5.5	<5.8	<5.8	<2.4	<5.9	<5.8	<3.7	<4.2	<4.2	<4.2
	2002 4thQ	<3.9	<5.3	<3.6	14	<5.4	<6	<5.4	<4.5	<6.5	<6	<2.9	<3.2	1000	<5.3	<5.6	<5.6	<2.4	<5.7	<5.6	<3.6	<4.1	<4.1	<4.1
	2003 3rdQ	<0.8	<1.1	<0.75	15	<1.1	<1.2	<1.1	<0.92	4.4	<1.2	<0.59	<0.66	990	<1.1	<1.2	2.9	<0.49	<1.2	<1.2	<0.73	<0.84	<0.84	<0.84
	2003 4thQ	<0.77	<1	<0.72	16	<1.1	<1.2	<1.1	<0.89	5.2	<1.2	<0.57	<0.63	1000	<1.1	1.1	4.6	<0.47	<1.1	1.7	<0.71	<0.81	<0.81	<0.81
	12/27/2005	<0.23	<0.31	<0.21	1.1	<0.32	<0.35	<0.32	<0.26	16 C	<0.35	<0.17	<0.19	21	<0.31	4.6 C	15 C	<0.14	<0.34	5.4 C	<0.21	<0.24	<0.24	<0.24
	12/19/2006	<0.84	<1.1	<0.79	11	<1.2	<1.3	<1.2	<0.97	4.7	<1.3	<0.62	<0.69	600	<1.2	<1.2	2.2	<0.51	<1.2	<1.2	<0.77	<0.88	<0.88	<0.88
	3/15/2007	<2.5	<3.5	<2.4	31	<3.5	<3.9	<3.5	<2.9	5.6	<3.9	<1.9	<2.1	470	<3.5	<3.7	5.3	<1.5	<3.8	<3.7	<2.3	<2.7	<2.7	<2.7
	6/29/2007	<9.0	<12	<8.4	<10	<12	<14	<12	<10	<15	<14	<6.6	<7.3	400	<12	<13	<13	<5.5	<13	<13	<8.2	<9.4	<9.4	<9.4
	9/20/2007	<5.1	<7.0	<4.8	8.8	<7.1	<7.9	<7.1	<5.9	<8.5	<7.9	<3.8	<4.2	390	<7.0	<7.4	<7.4	<3.1	<7.6	<7.4	<4.7	<5.4	<5.4	<5.4
	1/7/2008	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	4.8	<0.36	<0.17	<0.19	3.5	<0.32	0.46	2	<0.14	<0.35	0.69	<0.22	<0.25	<0.25	<0.25
	6/16/2008	<0.24	<0.32	<0.22	<0.28	<0.33	0.5	<0.33	<0.27	12	1.1	<0.18	<0.19	0.48	<0.32	0.46	1.3	<0.14	<0.35	0.43	<0.22	<0.25	<0.25	<0.25
	6/16/2008 Dup	<0.43	<0.59	<0.41	4.2	<0.6	<0.67	<0.6	<0.5	4.9	1.1	<0.32	<0.36	160	<0.59	<0.63	1.9	<0.26	<0.64	0.69	<0.4	<0.45	<0.45	<0.45
	1/5/2009	<5.6	<7.7	<5.3	6.8	<7.8	<8.7	<7.8	<6.5	<9.4	<8.7	<4.2	<4.6	390	<7.7	<8.2	<8.2	<3.4	<8.3	<8.2	<5.2	<5.9	<5.9	<5.9
VW-51-08 (VW-51-S)	1999 1stQ	ND	ND	ND	0.45	ND	ND	ND	ND	0.72	ND	ND	ND	0.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	0.55	ND	ND	ND	ND	4.3	ND	ND	ND	1.2	ND	1.1	4.1	ND	ND	1.2	ND	ND	0.46	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	0.68	ND	ND	1.3	ND	0.91	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.1	<0.98	<0.47	<0.52	0.77	<0.87	0.61	2.5	<0.39	<0.94	1.1	<0.58	<0.67	0.5	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	0.96	<0.88	<0.98	<0.88	<0.73	3	<0.98	<0.47	<0.52	0.96	<0.87	<0.92	4.1	<0.39	<0.94	1.7	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	7.4	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.8	<1.1	<0.75	<0.93	<1.1	<1.2	<1.1	<0.92	<1.3	<1.2	<0.59	<0.65	<0.74	<1.1	<1.2	<1.2	<0.48	<1.2	<1.2	<0.73	<0.83	<0.83	<0.83
	2001 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	<0.59	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	6.3	<0.98	<0.47	<0.52	<0.59	<0.87	1.9	7.6	<0.39	<0.94	3.2	<0.58	<0.67	<0.67	<0.67
	2002 2ndQ	--	--	--	ND	--	--	--	--	1.5	--	--	--	ND	--	ND	1.3	--	--	--	--	--	--	--
	2002 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2	<0.98	<0.47	<0.52	<0.59	<0.87	<0.92	2.2	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2002 4thQ	<0.8	<1.1	<0.75	<0.94	<1.1	<1.2	<1.1	<0.92	4.7	<1.2	<0.59	<0.66	<0.74	<1.1	1.2	2.9	<0.49	<1.2	<1.2	<0.73	<0.84	<0.84	<0.84
	2003 1stQ	--	--	--	ND	--	--	--	--	5	--	--	--	ND	--	ND	4.2	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	ND	--	--	--	--	3.6	--	--	--	ND	--	ND	2.8	--	--	--	--	--	--	--
	2003 3rdQ	<0.83	<1.1	<0.78	<0.97	<1.1	<1.3	<1.1	<0.95	7.8	<1.3	<0.61	<0.68	<0.77	<1.1	1.4	6	<0.5	<1.2	2.2	<0.76	<0.87	<0.87	<0.87
	2003 4thQ	<0.77	<1	<0.72	<0.9	<1.1	<1.2	<1.1	<0.89	11	<1.2	<0.57	<0.63	<0.71	<1.1	2.3	8.1	<0.47	<1.1	2.8	<0.71	<0.81	<0.81	<0.81
	1/3/2006	<0.24	<0.33	<0.23	1.7	<0.34	<0.37	<0.34	<0.28	9.4 C	<0.37	<0.18	<0.20	1.6	<0.33	1.6 C	6.8 C	<0.15	0.52	2.8 C	<0.22	<0.25	<0.25	<0.25
	12/21/2006	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	6	<0.36	<0.17	<0.19	1.7	<0.32	0.97	2.6	<0.14	<0.35	0.88	<0.21	<0.24	<0.24	<0.24
	3/22/2007	<0.24	<0.33	<0.23	0.71	<0.33	<0.37	<0.33	<0.28	3.4	<0.37	<0.18	<0.20	3.9	<0.33	0.81	3.4	<0.15	<0.36	1.1	<0.22	<0.25	<0.25	<0.25
	7/7/2007	<0.74	<1.0	<0.70	<0.87	<1.0	<1.1	<1.0	<0.86	1.7	<1.1	<0.55	<0.61	1.8	<1.0	<1.1	2	<0.45	<1.1	<1.1	<0.68	<0.78	<0.78	<0.78
	9/26/2007	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	4.2	<0.36	<0.17	<0.19	0.3	<0.32	0.62	2.5	<0.14	0.98	0.93	<0.22	<0.25	<0.25	<0.25
	1/2/2008	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	0.877	<0.36	<0.17	<0.19	<0.22	<0.32	<0.34	1.24	<0.14	<0.35	0.454	<0.22	<0.25	<0.25	<0.25
	6/17/2008	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	2.6	0.71	<0.17	<0.19	<0.22	<0.32	0.57	2.1	<0.14	<0.34	0.72	<0.21	<0.24	<0.24	<0.24
	1/13/2009	<0.2	<0.28	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	14	<0.31	<0.15	<0.17	<0.19	<0.28	2.4	10	<0.12	<0.3	2.7	<0.19	<0.21	<0.21	<0.21
VW-51-18 (VW-51-I)	1998 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	0.59	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	810	410	--	--	190	--	--	--	--
	1998 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	1500	ND	--	850	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	650	480	ND	ND	50	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	870	880	ND	ND	51	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1000	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	340	510	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	220	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<320	<430	<300	<370	<440	<490	<440	<370	<530	<490	<230	<260	<300	<430	<460	<460	<190	<470	<460	<290	<330	<330	<330
	2000 4thQ	<320	<430	<300	<370	<440	<490	<440	<370	<530	<490	<230	<260	<300	<430	<460	<460	<190	<470	<460	<290	<330	<330	<330
	2001 1stQ	<800	<1100	<750	<930	<1100	<1200	<1100	<920	<1300	<1200	<590	<650	<740	<1100	<1200	<1200	<480	<1200	<1200	<730	<830	<830	<830
	2001 2ndQ	<160	<220	<150	<190	<220	<240	<220	<180	<270	<240	<120	<130	<150	<220	<230	<230	<97	<230	<230	<150	<170	<170	<170
	2001 3rdQ	<320	<430	<300	<370	<440	<490	<440	<370	<530	<490	<230	<260	<300	<430	<460	<460	<190	<470	<460	<290	<330	<330	<330
	2001 4thQ	<640	<870	<600	<740	<880	<980	<880	<730	<1100	<980	<470	<520	<590	<870	<920	<920	<390	<940	<920	<580	<670	<670	<670
	2002 1stQ	<320	<430	<300	<370	<440	<490	<440	<370	<530	<490	<230	<260	<300	<430	<460	<460	<190	<470	<460	<290	<330	<330	<330
	2002 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<800	<1100	<750	13000	<1100	<1200	<1100	<920	5200	<1200	<590	<650	<740	<1100	<1200	1900	<480	<1200	<1200	<730	<830	<830	<830
	2002 4thQ	<250	<340	<230	<290	<350	<380	<350	<290	<420	<380	<180	<200	<230	<340	<360	<360	<150	<370	<360	<230	<260	<260	<260
	2003 1stQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 3rdQ	<250	<340	<230	<290	<350	<380	<350	<290	<420	<380	<180	<200	<230	<340	<360	<360	<150	<370	<360	<230	<260	<260	<260
	2003 4thQ	<460	<630	<440	<540	<640	<710	<640	<540	<780	<710	<340	<380	<430	<630	<670	<670	<280	<690	<670	<430	<490	<490	<490
	1/3/2006	<0.24	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	6.9 J5,C	<0.37	<0.18	<0.20	0.24 J5	<0.33	1.0 J5,C	4.0 J5,C	<0.15	<0.36	1.5 J5,C	<0.22	<0.25	<0.25	<0.25
	12/21/2006	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	4.2	<0.36	<0.17	<0.19	2.3	<0.32	1	4.9	<0.14	<0.34	2.1	<0.21	<0.24	<0.24	<0.24
	3/22/2007	<0.26	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.30	2.3	<0.39	<0.19	<0.21	0.43	<0.35	0.41	1.5	<0.16	<0.38	0.5	<0.23	<0.27	<0.27	<0.27

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-51-18 (VW-51-I)	7/7/2007	91	13	<0.16	22.2	77.8	<0.16	<0.16	<7.7	<6.2	<4.1	<6.0	190 M	<2.8	<4.0	<4.5	<2.1	79	<4.0	<3.9	<4.4	<4.5	220	<4.0	<3.2	<3.9	<2.9	<4.9
	9/26/2007	34,800(1)	650	<0.16	21.3	75.1	<0.16	0.186	<15	<12	<8.1	<12	<67	<5.6	<8.0	<9.1	<4.1	<10	<8.0	<7.8	<8.8	<45	<11	<8.0	<6.5	<7.8	<5.8	<9.9
	1/2/2008	2700 (1)	26	<0.16	22	77.6	<0.16	<0.16	<3.8	<3.1	<2	<3	<17	<1.4	<2	<2.3	<1	<2.5	<2	<2	<2.2	<11	<2.7	<2	<1.6	<2	<1.4	3.5
	6/17/2008	32700 (1)	250	<0.17	21.2	75.3	<0.17	0.217	<12	<9.5	<6.2	<9.2	<51	<4.3	<6.1	<7	<3.2	<7.8	<6.1	<6	<6.7	<34	<8.2	<6.1	<5	<6	<4.4	8.3
	1/13/2009	2810 (1)	40	<0.12	21.9	77.7	<0.12	<0.12	<7.4	<6	<3.9	<5.8	<32	<2.7	<3.8	<4.4	<2	<4.9	<3.8	<3.8	<4.2	<22	<5.2	<3.8	<3.1	<3.8	<2.8	<4.8
	1/13/2009 Dup	1.8	<1.5	<0.15	22.1	77.9	<0.15	<0.15	<0.66	<0.53	<0.35	<0.52	9.5	<0.24	<0.34	<0.39	<0.18	<0.44	<0.34	<0.34	<0.38	<1.9	0.54	<0.34	<0.28	<0.34	<0.25	<0.43
VW-51-30 (VW-51-D)	1998 1stQ	41000	2600	--	--	--	--	--	--	82	--	--	ND	--	43	37	--	150	320	--	--	--	--	320	--	--	160	310
	1998 2ndQ	38100	1800	--	--	--	--	--	--	65	--	--	ND	--	--	--	--	--	190	--	--	--	--	210	--	--	--	86
	1998 3rdQ	78	390	--	--	--	--	--	--	4.4	--	--	ND	--	4.3	--	--	43	73	15	--	--	6.4	160	--	--	--	27
	1998 4thQ	13300	1000	--	--	--	--	--	--	16	--	--	ND	--	13	--	--	--	1	12	--	--	--	180	--	--	--	36
	1999 1stQ	18900	950	--	--	--	--	--	<24	69	<13	15	<21	<8.9	50	<14	<6.5	<16	360	26	<14	<14	<17	510	<10	<12	<9.2	27
	1999 2ndQ	22300	620	--	--	--	--	--	<48	37	<26	<38	<42	<18	27	<29	<13	<32	170	<25	<28	<28	<34	240	<20	<25	<18	<31
	1999 3rdQ	23400	710	--	--	--	--	--	<48	<39	<26	<38	<42	<18	31	<29	<13	<32	170	<25	<28	<28	<34	240	<20	<25	<18	<31
	1999 4thQ	23800	1100	--	--	--	--	--	<19	50	<10	<15	<17	<7.1	40	<12	<5.2	<13	200	8.9	<11	<11	<14	290	<8.2	<9.9	<7.3	17
	2000 1stQ	23100	950	--	--	--	--	--	<19	36	<10	11	<17	<7.1	37	<12	<5.2	<13	180	6.6	<11	<11	<14	260	<8.2	<9.9	<7.3	17
	2000 2ndQ	23300	940	--	--	--	--	--	<48	33	<26	<38	<42	<18	32	<29	<13	<32	160	<25	<28	<28	<34	240	<20	<25	<18	ND
	2000 3rdQ	24400	470	--	--	--	--	--	<1.9	3	<1	<1.5	<1.7	<0.71	3.3	<1.2	<0.52	<1.3	16	<0.99	<1.1	<1.1	<1.4	25	<0.82	<0.99	<0.73	2
	2000 4thQ	23300	860	--	--	--	--	--	<48	27	<26	<38	<42	<18	28	<29	<13	<32	130	<25	<28	<28	<34	230	<20	<25	<18	20
	2001 1stQ	25200	650	--	--	--	--	--	<48	27	<26	<38	<42	<18	28	<29	<13	<32	130	<25	<28	<28	<34	230	<20	<25	<18	20
	2001 2ndQ	25700	650	--	--	--	--	--	<9.7	29	<5.2	<7.6	<8.4	<3.6	29	<5.8	<2.6	<6.4	130	<4.9	<5.5	<5.7	<6.8	230	<4.1	<4.9	<3.7	22
	2001 3rdQ	25200	700	--	--	--	--	--	<97	<78	<100	<76	<84	<71	<50	<58	<78	<64	120	<49	<55	<57	<68	180	<41	<49	<37	<63
	2001 4thQ	1.8	11	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	4.1	<1.4	<1	<1.2	<1.6	3.3	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	1.7	<1.3
	2002 1stQ	24100	730	--	--	--	--	--	<97	<78	<100	<76	<84	<71	<50	<58	<78	<64	130	<49	<55	<57	<68	220	<41	<49	<37	<63
	2002 2ndQ	23000	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	21300	630	--	--	--	--	--	<97	<78	<52	<76	<84	<36	<50	<58	<26	<64	130	<49	<55	<57	<68	210	<41	<49	<37	<63
	2002 4thQ	19500	830	--	--	--	--	--	<12	27	<6.5	<9.6	<11	<4.5	31	<7.3	<3.3	<8.2	160	<6.3	<7	<7.2	<8.6	270	<5.2	<6.3	<4.7	53
	2003 1stQ	19900	--	--	--	--	--	--	--	23	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	88
	2003 2ndQ	23500	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	46
	2003 3rdQ	24600	740	--	--	--	--	--	<63	<51	<33	<49	<270	<23	<33	<37	<17	<42	97	<32	<36	<37	<44	<180	<27	<32	<24	43
	2003 4thQ	19300	520	--	--	--	--	--	<59	<47	<31	<46	<250	<22	<31	<35	<16	<39	71	<30	<34	<34	<41	130	<25	<30	<22	<38
	1/3/2006	4540	83	<0.16	13.8	81.6	<0.16	4.18	<16	<13	<8.3	<12	<68 C	<5.7	<8.1	<9.3	<4.2	<10	21	<8.0	<8.9	<9.1	<11	44	<6.6	<8.0	<5.9	20 C
	12/21/2006	5650	430	<0.15	1.5	84.1	<0.15	13.8	<53	<42	<28	<41	<230	<19	<27	<31	<14	<35	50	<27	<30	<31	<37	95	<22	32	<20	62
	3/22/2007	4,660(1)	320	<0.16	1.12	84.3	<0.16	14.1	<19	<16	<10	<15	<85	<7.2	<10	<12	<5.3	<13	49	<9.9	<11	<11	<14	97	<8.2	31	<7.4	74
	7/7/2007	4,260(1)	300	<0.13	1.62	83.9	<0.13	14.1	<63	<51	<33	<49	<270	<23	<33	<37	<17	<42	33	<32	<36	<37	<44	66	<27	<32	<24	50
	9/26/2007	1,420(1)	94	<0.15	10.9	81.8	<0.15	7.17	<15	<12	<7.7	<11	<63	<5.3	<7.6	<8.6	<3.9	<9.6	21	<7.4	<8.3	<43	<10	50	17	18	<5.5	52
	9/26/2007 Dup	1,680(1)	90	<0.15	11.3	81.6	<0.15	6.95	<14	<2	<7.7	<11	<63	<5.3	<7.5	<8.6	<3.9	<9.6	19	<7.4	<8.3	<42	<10	47	17	18	<5.5	51
	1/2/2008	5280 (1)	290	<0.15	1.39	84.1	<0.15	14.2	<92	<74	<49	<72	660	<34	<48	<55	<25	<61	<48	<47	<53	<270	<64	61	<39	<47	<35	<59
	6/17/2008	4.5	<1.7	<0.17	22.1	77.8	<0.17	<0.17	<7.1	<5.8	<3.8	<5.6	33	<2.6	<3.7	<4.2	<1.9	<4.7	<3.7	<3.6	<4.1	<21	<5	<3.7	<3	<3.6	<2.7	8.1
	1/13/2009	130	<1.5	<0.15	21.6	78.2	<0.15	0.24	<0.64	<0.52	<0.34	<0.5	28 M	0.24	<0.33	<0.38	<0.17	0.61	<0.33	<0.33	<0.37	2.1	1.8	0.51	<0.27	<0.33	<0.24	3.6
VW-55-05 (VW-55-S)	1998 4thQ	119000	2100	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1999 3rdQ	115000	240	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	74700	1000	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	45500	870	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	6810	74	--	--	--	--	--	<19	38	<10	<15	<17	<7.1	22	<12	<5.2	<13	19	<9.9	<11	<11	<14	120	<8.2	<9.9	<7.3	<13
	2001 4thQ	54900	200	--	--	--	--	--	<24	<20	<26	<19	<21	<18	<13	<14	<20	<16	<13	<12	<14	<14	<17	<13	<10	<12	<9.2	<16
	2002 1stQ	24600	93	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	32	<5.7	<6.8	9.2	<4.1	<4.9	<3.7	<6.3
	2002 2ndQ	23800	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	33000	150	--	--	--	--	--	<60	<49	<32	<47	<52	<22	<31	<36	<16	<40	<31	<31	<34	<35	<42	<31	<25	<31	<23	<39
	2002 4thQ	40100	300	--	--	--	--	--	<60	<49	<32	<47	340	<22	<31	<36	<16	<40	<31	<31	<34	<35	<42	<31	<25	<31	<23	<39
	2003 3rdQ	70800	61	--	--	--	--	--	<13	<10	<6.8	<9.9	<55	<4.7	<6.6	<7.5	<3.4	<8.4	<6.6	<6.5	<7.3	<7.4	<8.9	<6.6	<5.4	<6.5	<4.8	<8.2
	12/27/2005	71300	3.8	<0.15	1.09	84.9	<0.15	6.87	<3.7 UJ4	<3.0 UJ4	<2.0 UJ4	<2.9 UJ4	<16 UJ4,C	<1.4 UJ4	<1.9 UJ4	<2.2 UJ4	<0.99 UJ4	3.4 J4	<1.9 UJ4	<1.9 UJ4	4.3 J4	<2.2 UJ4	<2.6 UJ4	6.8 J4	<1.6 UJ4	<1.9 UJ4	<1.4 UJ4	4.1 J4,C
	12/19/2006	49300	300	<0.15	1.08	85.9	<0.15	8.05	<28	<23	<15	<22	<120	<10	<15	<17	<7.6	<19	<15	<14	<16	<17	<20	<15	<12	<14	<11	<18
	3/14/2007	38,800(1)	250 V	<0.16	1.27	87.4	<0.16	7.49	<7.8	<6.3	<4.1	<6.1	<34	<2.9	<4.1	<4.6	<2.1	10	<4.1	<4.0	<4.5	<4.6	<5.5	15	<3.3	4.4	<3.0	49
	6/24/2007	43,000(1)	220	<0.16	1.31	83.3	<0.16	11.1	<15	<12	<8.1	<12	<66 *	<5.6	<7.9	<9.0	<4.1	11	<7.9	<7.8	<8.7	<8.9	<11	10	<6.4	<7.8	<5.8	11
	9/23/2007	38,600(1)	230	<0.15	1.73	82.7 L	<0.15	11.7	<61	<49	<32	<47	<260	<22	<32	<36	<16	<40	<32	<31	<35	<180	<42	<32	<26	<31	<23	<39
	1/8/2008	25700 (1)	130	<0.15	1.48	88.6	<0.15	7.29	<14	<11	<7.5	<11	<61	<5.2	<7.3	<8.4	<3.8	<9.3	<7.3	<7.2	<8	<41	<9.8	12	<5.9	<7.2	<5.3	<9.1
	6/12/2008	35900 (1)	100	<0.13	1.08	85.6	<0.13	9.69	<11	<9.2	<6.1	<8.9	<50	<4.2	<6	<6.8	<3.1	10	<6	<5.8	<6.5	<34	<8	8.9	<4.8	<5.8	<4.3	7.9
	12/18/2008	7.3	7.1	<0.14	11.1	80.8	<0.14	8.08	<0.63	<0.51	<0.33	<0.49	8.9	<0.23	<0.33	<0.37	<0.17	0.85	<0.33	<0.32	<0.36	<1.8	2.6	<0.33	<0.27	<0.32	<0.24	0.49
VW-55-18 (VW-55-I)	1998 4thQ	9930	770	--	--	--	--	--	--	87	--	--	ND	--	54	--	--	--	63	9.6	--	--	--	230	--	--	--	20
	1999 1stQ	13000	390	--	--	--	--	--	ND	73	ND	ND	ND	ND	39	ND	ND	ND	45	7.6	ND	ND	ND	180	ND	ND	ND	13
	1999 2ndQ	10100	170	--	--	--	--	--	ND	110	ND	ND	ND	ND	69	ND	ND	13	79	13	ND	ND	ND	300	ND	ND	ND	20
	1999 3rdQ	8890	160	--	--	--	--	--	ND	65	ND	ND	ND	ND	39	ND	ND	ND	42	8.1	ND	ND	ND	170	ND	ND	ND	13
	1999 4thQ	8720	260	--	--	--	--	--	ND	50	ND	ND	ND	ND	31	ND	ND	ND	31	6.6	ND	ND	ND	130	ND	ND	ND	12
	2000 1stQ	8630	260	--	--	--	--	--	ND	41	ND	ND	ND	ND	27	ND	ND	ND	26	ND	ND	ND	ND	110	ND	ND	ND	11
	2000 2ndQ	5720	120	--	--	--	--	--	ND	31	ND	ND	ND	ND	22	ND	ND	ND	20	5.6	ND	ND	ND	88	ND	ND	ND	6.4
	2000 3rdQ	7580	180	--	--	--	--	--	<19	41	<10	<15	<17	<7.1	21	<12	<5.2	<13	24	<9.9	<11	<11	<14	110	<8.2	<9.9	<7.3	9
	2000 4thQ	7370	110	--	--	--	--	--	<9.7	33	<5.2	<7.6	<8.4	<3.6	25	<5.8	<2.6	<6.4	26	6.3	<5.5	<5.7	<6.8	120	<4.1	<4.9	<3.7	14
	2001 1stQ	7170	270	--	--	--	--	--	<9.7	40	<5.2	<7.6	<8.4	<3.6	18	<5.8	<2.6	<6.4	18	<4.9	<5.5	<5.7	<6.8	91	<4.1	<4.9	<3.7	11
	2001 2ndQ	7230	310	--	--	--	--	--	<9.7	36	<5.2	<7.6	<8.4	<3.6	15	<5.8	<2.6	<6.4	17	<4.9	<5.5	<5.7	<6.8	85	<4.1	<4.9	<3.7	<6.3
	2001 3rdQ	6030	230	--	--	--	--	--	<9.7	30	<10	<7.6	<8.4	<7.1	14	<5.8	<7.8	<6.4	14	<4.9	<5.5	<5.7	<6.8	60	<4.1	<4.9	<3.7	8.3
	2001 4thQ	5600	99	--	--	--	--	--	<9.7	25	<10	<7.6	<8.4	<7.1	13	<5.8	<7.8	<6.4	13	<4.9	<5.5	<5.7	<6.8	59	<4.1	<4.9	<3.7	<6.3
	2002 1stQ	7470	87	--	--	--	--	--	<4.8	34	<5.2	<3.8	<4.2	<3.6	15	<2.9	<3.9	<3.2	16	4	<2.8	<2.8	<3.4	72	<2	<2.5	<1.8	10
	2002 2ndQ	6670	--	--	--	--	--	--	--	33	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.1
	2002 3rdQ	5920	81	--	--	--	--	--	<12	32	<6.4	<9.4	<10	<4.4	12	<7.1	<3.2	<8	12	<6.1	<6.9	<7	<8.4	<67	<5.1	<6.1	<4.5	9.6
	2002 4thQ	5120	100	--	--	--	--	--	<30	26	<16	<24	130	<11	<16	<18	<8.2	<20	<16	<15	<17	<18	<21	60	<13	<15	<11	<20
	2003 1stQ	5030	--	--	--	--	--	--	--	28	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
	2003 2ndQ	5100	--	--	--	--	--	--	--	20	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12
	2003 3rdQ	5110	92	--	--	--	--	--	<12	20	<6.5	<9.6	<53	<4.5	7.1	<7.3	<3.3	<8.2	7.5	<6.3	<7	<7.2	<8.6	50	<5.2	<6.3	<4.7	9.2

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-51-18 (VW-51-I)	7/7/2007	<2.5	<3.4	<2.4	<2.9	<3.5	16	<3.5	<2.9	9.7	4.8	<1.9	<2.1	<2.3	<3.4	<3.6	11	<1.5	<3.7	4	<2.3	<2.6	<2.6	<2.6
	9/26/2007	<5.0	<6.8	<4.7	<5.9	<7.0	<7.7	<7.0	<5.8	<8.4	<7.7	<3.7	<4.1	<4.7	<6.9	<7.3	<7.3	<3.1	<7.4	<7.3	<4.6	<5.3	<5.3	<5.3
	1/2/2008	<1.3	<1.7	<1.2	<1.5	<1.7	<1.9	<1.7	<1.4	<2.1	<1.9	<0.93	<1	<1.2	<1.7	<1.8	<1.8	<0.76	<1.9	<1.8	<1.2	<1.3	<1.3	<1.3
	6/17/2008	<3.9	<5.2	<3.6	<4.5	<5.3	<5.9	<5.3	<4.4	<6.4	<5.9	<2.8	<3.2	<3.6	<5.3	<5.6	<5.6	<2.3	<5.7	<5.6	<3.5	<4	<4	<4
	1/13/2009	<2.4	<3.3	<2.3	<2.8	<3.4	<3.7	<3.4	<2.8	<4	<3.7	<1.8	<2	<2.2	<3.3	<3.5	<3.5	<1.5	<3.6	<3.5	<2.2	<2.5	<2.5	<2.5
	1/13/2009 Dup	<0.22	<0.3	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	1.6	<0.33	<0.16	<0.18	<0.2	<0.3	<0.31	0.98	<0.13	<0.32	0.33	<0.2	<0.23	<0.23	<0.23
VW-51-30 (VW-51-D)	1998 1stQ	--	--	--	200	--	--	--	--	40	--	--	--	ND	--	69	110	--	--	--	--	--	--	--
	1998 2ndQ	--	--	--	130	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1998 3rdQ	--	--	--	300	--	--	--	--	1.9	--	--	--	1400	--	ND	1.8	--	--	--	--	--	--	--
	1998 4thQ	--	--	--	400	--	--	--	--	ND	--	--	--	420	--	ND	ND	--	--	--	--	--	--	--
	1999 1stQ	<8	<11	<7.5	1000	<11	<12	<11	<9.2	<13	<12	<5.9	<6.5	570	<11	<12	<12	<4.8	<12	<12	<7.3	<8.3	<8.3	<8.3
	1999 2ndQ	<16	<22	<15	550	<22	<24	<22	<18	<27	<24	<12	<13	200	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	1999 3rdQ	<16	<22	<15	500	<22	<24	<22	<18	<27	<24	<12	<13	120	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	1999 4thQ	<6.4	<8.7	<6	540	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	83	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 1stQ	<6.4	<8.7	<6	510	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	61	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 2ndQ	<16	<22	<15	420	<22	<24	<22	<18	<27	<24	<12	<13	42	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	2000 3rdQ	<0.64	<0.87	<0.6	45	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	2.7	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<16	<22	<15	370	<22	<24	<22	<18	<27	<24	<12	<13	21	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	2001 1stQ	<16	<22	<15	370	<22	<24	<22	<18	<27	<24	<12	<13	21	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	2001 2ndQ	<3.2	<4.3	<3	300	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	12	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<32	<43	<30	260	<44	<49	<44	<37	<53	<49	<23	<26	<30	<43	<46	<46	<19	<47	<46	<29	<33	<33	<33
	2001 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	4.7	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<32	<43	<30	240	<44	<49	<44	<37	<53	<49	<23	<26	<30	<43	<46	<46	<19	<47	<46	<29	<33	<33	<33
	2002 2ndQ	--	--	--	160	--	--	--	--	140	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<32	<43	<30	250	<44	<49	<44	<37	<53	<49	<23	<26	<30	<43	<46	<46	<19	<47	<46	<29	<33	<33	<33
	2002 4thQ	<4	<5.5	<3.8	300	<5.6	<6.2	<5.6	<4.7	<6.7	<6.2	<3	<3.3	6.7	<5.5	<5.9	<5.9	<2.5	<6	<5.9	<3.7	<4.2	<4.2	<4.2
	2003 1stQ	--	--	--	240	--	--	--	--	ND	--	--	--	3.6	--	ND	ND	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	230	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 3rdQ	<21	<28	<19	220	<29	<32	<29	<24	<35	<32	<15	<17	<19	<28	<30	<30	<13	<31	<30	<19	<22	<22	<22
	2003 4thQ	<19	<26	<18	140	<27	<30	<27	<22	<32	<30	<14	<16	<18	<26	<28	<28	<12	<28	<28	<18	<20	<20	<20
	1/3/2006	<5.1	<7.0	<4.8	44	<7.1	<7.9	<7.1	<5.9	11 C	<7.9	<3.8	<4.2	<4.8	<7.0	<7.4 C	8.5 C	<3.1	<7.6	<7.4 C	<4.7	<5.4	<5.4	<5.4
	12/21/2006	<17	<24	<16	150	<24	<27	<24	<20	<29	<27	<13	<14	<16	<24	<25	<25	<11	<26	<25	<16	<18	<18	<18
	3/22/2007	<6.4	<8.7	<6.0	130	<8.9	<9.8	<8.9	<7.4	<11	<9.8	<4.7	<5.2	33	<8.7	<9.3	11	<3.9	<9.5	<9.3	<5.9	<6.7	<6.7	<6.7
	7/7/2007	<21	<28	<19	120	<29	<32	<29	<24	<35	<32	<15	<17	<19	<28	<30	<30	<13	<31	<30	<19	<22	<22	<22
	9/26/2007	<4.8	<6.5	<4.5	85	<6.6	<7.3	<6.6	<5.5	<8.0	<7.3	<3.5	<3.9	<4.4	<6.5	<6.9	<6.9	<2.9	<7.0	<6.9	<4.4	<5.0	<5.0	<5.0
	9/26/2007 Dup	<4.7	<6.5	<4.4	82	<6.6	<7.3	<6.6	<5.5	<7.9	<7.3	<3.5	<3.9	<4.4	<6.5	<6.9	<6.9	<2.9	<7.0	<6.9	<4.3	<5.0	<5.0	<5.0
	1/2/2008	<30	<41	<28	77	<42	<46	<42	<35	<50	<46	<22	<25	<28	<41	<44	<44	<18	<45	<44	<28	<32	<32	<32
	6/17/2008	<2.3	<3.2	<2.2	3.6	<3.2	<3.6	<3.2	<2.7	<3.9	<3.6	<1.7	<1.9	<2.2	<3.2	<3.4	<3.4	<1.4	<3.5	<3.4	<2.1	<2.4	<2.4	<2.4
	1/13/2009	<0.21	<0.29	<0.2	0.5	<0.29	<0.32	<0.29	<0.24	14	0.59	<0.16	<0.17	0.27	<0.29	2.5	10	<0.13	<0.31	2.8	<0.19	<0.22	<0.22	<0.22
VW-55-05 (VW-55-S)	1998 4thQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<6.4	<8.7	<6	200	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	10	<8.7	<9.2	9.7	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2001 4thQ	<8	<11	<7.5	<9.3	<11	<12	<11	<9.2	<13	<12	<5.9	6.5	<7.4	<11	<12	<12	<4.8	<12	<12	<7.3	<8.3	<8.3	<8.3
	2002 1stQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	14	<4.9	<2.3	<2.6	3	<4.3	6	15	<1.9	<4.7	6.2	<2.9	<3.3	<3.3	<3.3
	2002 2ndQ	--	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<20	<27	<19	<23	<27	<30	<27	<23	<33	<30	<15	<16	<18	<27	<29	<29	<12	<29	<29	<18	<21	<21	<21
	2002 4thQ	<20	<27	<19	42	<27	<30	<27	<23	<33	<30	<15	<16	<18	<27	<29	<29	<12	<29	<29	<18	<21	<21	<21
	2003 3rdQ	<4.2	<5.7	<3.9	<4.9	<5.8	<6.4	<5.8	<4.8	<7	<6.4	<3.1	<3.4	<3.9	<5.7	<6	<6	<2.5	<6.2	<6	<3.8	<4.4	<4.4	<4.4
	12/27/2005	<1.2 UJ4	<1.6 UJ4	<1.1 UJ4	41 J4	<1.7 UJ4	<1.9 UJ4	<1.7 UJ4	<1.4 UJ4	6.6 J4,C	<1.9 UJ4	<0.89 UJ4	<0.99 UJ4	13 J4	<1.7 UJ4	3.5 J4,C	6.8 J4,C	<0.74 UJ4	<1.8 UJ4	3.1 J4,C	<1.1 UJ4	<1.3 UJ4	<1.3 UJ4	<1.3 UJ4
	12/19/2006	<9.3	<13	<8.7	<11	<13	<14	<13	<11	<16	<14	<6.9	<7.6	<8.6	<13	<13	<13	<5.7	<14	<13	<8.5	<9.7	<9.7	<9.7
	3/14/2007	<2.6	<3.5	<2.4	<3.0	<3.5	<3.9	<3.5	<3.0	5.5	<3.9	<1.9	<2.1	<2.4	<3.5	6.0 M	9.7	<1.6	<3.8	<3.7	<2.3	<2.7	<2.7	<2.7
	6/24/2007	<5.0	<6.8	<4.7	<5.8	<6.9	<7.7	<6.9	<5.8	<8.3	<7.7	<3.7	<4.1	<4.6	<6.8	<7.2	<7.2	<3.0	<7.4	<7.2	<4.6	<5.2	<5.2	<5.2
	9/23/2007	<20	<27	<19	<23	<28	<31	<28	<23	<33	<31	<15	<16	<18	<27	<29	<29	<12	<29	<29	<18	<21	<21	<21
	1/8/2008	<4.6	<6.3	<4.3	<5.4	<6.4	<7.1	<6.4	<5.3	<7.7	<7.1	<3.4	<3.8	<4.3	<6.3	<6.7	<6.7	<2.8	<6.8	<6.7	<4.2	<4.8	<4.8	<4.8
	6/12/2008	<3.8	<5.1	<3.5	<4.4	<5.2	<5.8	<5.2	<4.3	<6.3	<5.8	<2.8	<3.1	<3.5	<5.1	<5.4	<5.4	<2.3	<5.5	<5.4	<3.4	<3.9	<3.9	<3.9
	12/18/2008	<0.21	<0.28	<0.19	2.4	<0.29	<0.32	<0.29	<0.24	2.2	0.61	<0.15	<0.17	1.8	<0.28	1.9	2.6	<0.13	<0.3	0.78	<0.19	<0.22	<0.22	<0.22
VW-55-18 (VW-55-I)	1998 4thQ	--	--	--	740	--	--	--	--	ND	--	--	--	8.4	--	ND	ND	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	470	ND	ND	ND	ND	ND	ND	ND	ND	6.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	740	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	11	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	520	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	360	ND	ND	ND	ND	ND	ND	ND	ND	9.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	310	ND	ND	ND	ND	ND	ND	ND	ND	8.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	240	ND	ND	ND	ND	ND	ND	ND	ND	8.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<6.4	<8.7	<6	250	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	9.9	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 4thQ	<3.2	<4.3	<3	340	<4.4	<4.9	<4.4	<3.7	4.4	<4.9	<2.3	<2.6	<3	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 1stQ	<3.2	<4.3	<3	200	<4.4	<4.9	<4.4	<3.7	11	<4.9	<2.3	<2.6	9.9	<4.3	<4.6	15	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 2ndQ	<3.2	<4.3	<3	160	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	10	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<3.2	<4.3	<3	130	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	9.1	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 4thQ	<3.2	<4.3	<3	130	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	9.3	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 1stQ	<1.6	<2.2	<1.5	140	<2.2	<2.4	<2.2	<1.8	5.6	<2.4	<1.2	<1.3	6.7	<2.2	<2.3	<2.3	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	2002 2ndQ	--	--	--	120	--	--	--	--	ND	--	--	--	7.4	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<3.9	<5.4	<3.7	100	<5.5	<6.1	<5.5	<4.5	<6.6	<6.1	<2.9	<3.2	7.3	<5.4	<5.7	<5.7	<2.4	<5.8	<5.7	<3.6	<4.1	<4.1	<4.1
	2002 4thQ	<9.9	<14	<9.3	100	<14	<15	<14	<11	<17	<15	<7.3	<8.1	9.2	<14	<14	<14	<6	<15	<14	<9.1	<10	<10	<10
	2003 1stQ	--	--	--	84	--	--	--	--	5.5	--	--	--	6	--	ND	4.4	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	66	--	--	--	--	7.9	--	--	--	6.6	--	2	8.4	--	--	--	--	--	--	--
	2003 3rdQ	<4	<5.5	<3.8	71	<5.6	<6.2	<5.6	<4.7	10	<6.2	<3	<3.3	9.7	<5.5	<5.9	8.4	<2.5	<6	<5.9	<3.7	<4.2	<4.2	<4.2

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-55-18 (VW-55-I)	2003 4thQ	4430	59	--	--	--	--	--	<12	45	<6.2	<9.2	<51	<4.3	9.6	<7	<3.2	<7.8	12	<6	<6.7	<6.9	<8.2	86	<5	<6	<4.4	15
	12/27/2005	440	13	<0.15	1.23	82.4	<0.15	16.3	<0.73 UJ4	1.7 J4	<0.39 UJ4	<0.57 UJ4	<3.2 UJ4,C	<0.27 UJ4	0.92 J4	0.50 J4	<0.20 UJ4	<0.48 UJ4	0.58 J4	0.79 J4	0.61 J4	<0.43 UJ4	0.72 J4	7.4 J4	0.63 J4	<0.37 UJ4	0.29 J4	7.1 J4,C
	12/19/2006	1900	16	<0.13	6.35	80	<0.13	13.4	<6.4	7.2	<3.4	<5.0	<28	<2.3	<3.3	<3.8	<1.7	<4.2	<3.3	<3.3	<3.7	<3.8	<4.5	23	<2.7	<3.3	<2.4	11
	12/19/2006 Dup	2800	24	<0.15	1.06	80.6	<0.15	18.1	<7.5	9.2	<4.0	<5.8	200 M	<2.7	<3.9	<4.4	<2.0	<4.9	<3.9	<3.8	<4.3	<4.4	29	30	<3.2	<3.8	<2.8	16
	3/14/2007	200	9.3 V	<0.16	1.72	81.3	<0.16	16.9	<1.6	<1.3	<0.84	<1.2	<6.9	<0.58	<0.82	<0.94	<0.43	<1.0	<0.82	<0.81	<0.90	<0.93	2.7	1.9	<0.67	<0.81	<0.60	83
	3/14/2007 Dup	190	10 V	<0.16	1.8	81.3	<0.16	16.9	<1.5	<1.2	<0.81	<1.2	<6.7	<0.56	<0.80	<0.91	<0.41	<1.0	<0.80	<0.78	<0.88	<0.90	2.9	1.6	<0.65	<0.78	<0.58	92
	6/24/2007	410	9.9	<0.16	3.82	81.1	<0.16	15.1	<2.5	<2.0	<1.3	<2.0	<11 *,V	<0.93	<1.3	<1.5	<0.68	2.1	<1.3	<1.3	<1.5	<1.5	<1.8	4	<1.1	<1.3	<0.96	6.2
	9/23/2007	1100	12	<0.15	2.09	80.8 L	<0.15	17	<1.9	2.9	<0.99	<1.5	140 M	<0.69	<0.97	<1.1	<0.50	<1.2	<0.97	<0.95	<1.1	<5.5	<1.3	9.3	<0.79	<0.95	<0.71	4
	1/8/2008	5.6	<1.5	<0.15	22	77.9	<0.15	<0.15	<0.71	<0.58	<0.38	<0.56	33	<0.26	<0.37	0.69	<0.19	<0.47	<0.37	<0.36	<0.41	<2.1	1.3	<0.37	<0.3	<0.36	<0.27	4.5
	6/12/2008	400	19	<0.18	1.21	81.5	<0.18	17.3	<1.5	<1.2	<0.81	<1.2	14 M	<0.56	<0.79	38	<0.41	23	<0.79	<0.78	1.2 M	<4.5	5.6	4.2	<0.64	<0.78	<0.58	14
	6/12/2008 Dup	320	18	<0.18	1.81	81.4	<0.18	16.7	<1.5	<1.2	<0.78	<1.2	20 M	<0.54	<0.77	42	<0.4	<0.98	<0.77	<0.75	1.1	<4.3	2	3.5	<0.62	<0.75	<0.56	11
	12/18/2008	1.7	1.6	<0.14	21.7	78.1	<0.14	0.224	<0.63	<0.51	<0.33	<0.49	8.6	0.26	<0.33	<0.37	<0.17	<0.42	<0.33	<0.32	<0.36	<1.8	0.96	<0.33	<0.27	<0.32	<0.24	1.6
VW-55-29 (VW-55-D)	1998 4thQ	8760	400	--	--	--	--	--	--	82	--	--	ND	--	55	--	--	--	61	7.6	--	--	--	250	--	--	--	8.7
	1999 1stQ	11000	210	--	--	--	--	--	ND	22	ND	ND	130	ND	44	4.5	ND	12	47	7.5	ND	ND	ND	230	ND	ND	ND	ND
	1999 2ndQ	8760	76	--	--	--	--	--	ND	58	ND	ND	ND	ND	37	ND	ND	ND	ND	7	ND	ND	ND	180	ND	ND	ND	ND
	1999 3rdQ	8430	87	--	--	--	--	--	ND	68	ND	ND	ND	ND	42	ND	ND	ND	44	7.5	ND	ND	ND	220	ND	ND	ND	6.4
	1999 4thQ	7300	83	--	--	--	--	--	ND	53	ND	ND	ND	ND	32	ND	ND	ND	29	6.1	ND	ND	ND	170	ND	ND	ND	5.2
	2000 1stQ	6810	80	--	--	--	--	--	ND	45	ND	ND	ND	ND	29	ND	ND	ND	28	5.9	ND	ND	ND	150	ND	ND	ND	4.7
	2000 2ndQ	6580	80	--	--	--	--	--	ND	43	ND	ND	ND	ND	30	ND	ND	5.2	25	6.2	ND	ND	ND	140	ND	ND	ND	4.8
	2000 3rdQ	68300	280	--	--	--	--	--	<19	<16	<10	<15	<17	<7.1	<10	<12	<5.2	<13	<10	<9.9	50	<11	<14	11	<8.2	<9.9	<7.3	<13
	2000 4thQ	6790	51	--	--	--	--	--	<19	<16	<10	<15	<17	<7.1	<10	<12	<5.2	<13	<10	<9.9	50	<11	<14	11	<8.2	<9.9	<7.3	<13
	2001 1stQ	6690	200	--	--	--	--	--	<4.8	44	<2.6	<3.8	<4.2	<1.8	19	<2.9	<1.3	<3.2	18	4.2	<2.8	<2.8	<3.4	110	<2	<2.5	<1.8	4.8
	2001 2ndQ	6570	250	--	--	--	--	--	<9.7	30	<5.2	<7.6	<8.4	<3.6	16	<5.8	<2.6	<6.4	13	<4.9	<5.5	<5.7	<6.8	82	<4.1	<4.9	<3.7	<6.3
	2001 3rdQ	6550	190	--	--	--	--	--	<9.7	32	<10	<7.6	<8.4	<7.1	15	<5.8	<7.8	<6.4	14	<4.9	<5.5	<5.7	<6.8	71	<4.1	<4.9	<3.7	<6.3
	2001 4thQ	5880	47	--	--	--	--	--	<9.7	31	<10	<7.6	<8.4	<7.1	15	<5.8	<7.8	<6.4	14	<4.9	<5.5	<5.7	<6.8	75	<4.1	<4.9	<3.7	<6.3
	2002 1stQ	6140	42	--	--	--	--	--	<2.4	32	<2.6	<1.9	<2.1	<1.8	<1.3	17	<2	2	13	3.6	<1.4	<1.4	<1.7	73	<1	<1.2	<0.92	4
	2002 2ndQ	6270	--	--	--	--	--	--	--	48	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	5360	32	--	--	--	--	--	<12	31	<6.4	<9.4	<10	<4.4	11	<7.1	<3.2	<8	10	<6.1	<6.9	<7	<8.4	70	<5.1	<6.1	<4.5	<7.8
	2002 4thQ	4750	49	--	--	--	--	--	<2.4	27	<1.3	<1.9	<2.1	<0.9	11	<1.5	<0.66	<1.6	10	3.2	<1.4	<1.4	3.6	73	<1	<1.2	<0.92	3.5
	2003 1stQ	4220	--	--	--	--	--	--	--	25	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	4690	--	--	--	--	--	--	--	18	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.5
	2003 3rdQ	4390	36	--	--	--	--	--	<2.5	20	<1.3	<2	11	<0.92	6.6	<1.5	<0.67	<1.7	5.6	1.8	<1.4	<1.5	<1.8	40	<1.1	<1.3	<0.95	2.9
	2003 4thQ	3710	28	--	--	--	--	--	<5.9	27	<3.1	<4.6	<25	<2.2	6.2	<3.5	<1.6	<3.9	5.8	<3	<3.4	<3.4	<4.1	47	<2.5	<3	<2.2	<3.8
	12/27/2005	1790	11	<0.15	0.932	82	<0.15	16.8	<0.73	8.1	<0.39	<0.57	<3.2 C	<0.27	2	<0.43	<0.20	<0.48	1.6	0.92	0.79	<0.43	1.3	19	0.36	<0.37	<0.28	6.3 C
	12/19/2006	400	6.3	<0.15	1.19	81.2	<0.15	17.6	<0.72	1.3	<0.38	<0.56	22 M	<0.26	0.63	<0.43	<0.19	<0.48	<0.37	0.63	1.7	<0.42	0.6	3.6	<0.30	<0.37	<0.27	4.6
	3/14/2007	2,330(1)	10 V	<0.15	1.11	80.8	<0.15	17.8	<2.9	4.3	<1.6	<2.3	<13	<1.1	<1.5	<1.8	<0.79	<2.0	<1.5	<1.5	1.8	<1.7	<2.1	11	<1.2	<1.5	<1.1	42
	6/24/2007	580	7.2	<0.15	12.7	79.6	<0.15	7.68	<0.73	0.68	<0.39	<0.57	44 *,V,M	<0.27	<0.38	<0.43	<0.20	4	<0.38	<0.37	<0.42	<0.43	7.1	2.8	<0.31	<0.37	<0.28	5
	9/23/2007	71	1.8	<0.15	20.2	78.3 L	<0.15	1.5	<0.73	<0.59	<0.39	<0.57	37 M	0.28	<0.38	<0.43	<0.20	<0.48	<0.38	<0.37	<0.42	<2.1	0.86	0.39	<0.31	<0.37	<0.28	0.96
	1/8/2008	390	6.2	<0.14	15.4	79	<0.14	5.59	<1.4	<1.1	<0.72	<1.1	17	<0.5	<0.71	<0.81	<0.37	<0.9	<0.71	<0.69	<0.78	<4	1.5	3.8	<0.57	<0.69	<0.51	4.4
	6/12/2008	1560 (1)	13	<0.15	2.61	80.9	<0.15	16.3	<1.3	2.6	<0.68	<1	97 M	<0.47	<0.67	46	<0.35	<0.85	<0.67	<0.66	1.5	<3.8	3.7	5.5	<0.54	<0.66	<0.49	25
	12/18/2008	53	6.3	<0.13	12.3	80.4	<0.13	7.29	<0.59	<0.47	<0.31	0.58	7.8	0.42	<0.31	<0.35	<0.16	2.4	<0.31	<0.3	<0.34	<1.7	0.77	1.1	0.79	<0.3	0.39	3.2
VW-56-08 (VW-56-S)	1998 4thQ	20	37	--	--	--	--	--	--	78	--	--	--	--	4.5	--	--	2.1	15	10	270	--	--	320	--	--	--	26
	1999 1stQ	11	71	--	--	--	--	--	ND	5.1	ND	ND	ND	ND	2.6	ND	ND	3.1	9.4	7.8	150	ND	ND	200	ND	ND	ND	13
	1999 2ndQ	16	16	--	--	--	--	--	ND	10	ND	ND	ND	ND	2.4	ND	ND	2.4	11	8.2	170	ND	ND	210	ND	ND	ND	6.1
	1999 3rdQ	13	11	--	--	--	--	--	ND	17	ND	ND	ND	ND	3.8	ND	ND	2.8	24	14	320	ND	ND	370	ND	ND	ND	20
	1999 4thQ	13	16	--	--	--	--	--	ND	15	ND	ND	ND	ND	3.8	ND	ND	4.4	18	11	290	ND	16	310	ND	ND	ND	23
	2000 1stQ	4.9	7.5	--	--	--	--	--	ND	8	ND	ND	ND	ND	2.1	ND	ND	2.2	11	6.6	170	ND	ND	180	ND	ND	ND	8
	2000 2ndQ	9.3	62	--	--	--	--	--	ND	8.3	ND	ND	ND	ND	2.1	ND	ND	ND	12	6.7	180	ND	ND	200	ND	ND	ND	11
	2000 3rdQ	17	17	--	--	--	--	--	<4.8	15	<2.6	<3.8	<4.2	<1.8	3.1	<2.9	<1.3	<3.2	25	9.8	360	<2.8	<3.4	360	<2	<2.5	<1.8	25
	2000 4thQ	14	12	--	--	--	--	--	<1.9	15	<1	<1.5	<1.7	<0.71	4.1	1.2	0.59	2	18	8.3	270	<1.1	7.4	300	<0.82	<0.99	<0.73	22
	2001 3rdQ	10	170	--	--	--	--	--	<4.8	5.8	<5.2	<3.8	<4.2	<3.6	<2.5	<2.9	<3.9	<3.2	16	6.1	230	<2.8	<3.4	200	<2	<2.5	<1.8	5
	12/27/2005	3.6	6.1	<0.15	2.93	85.3	<0.15	11.8	<0.72	<0.58	<0.38	<0.56	8.1 M,J6,C	<0.27	<0.38	0.49	<0.19	<0.48	0.74	0.75	63	<0.42	3.7	25	<0.31	<0.37	<0.27	5.9 C
	12/8/2006	3.3	4.3	<0.16	4.3	82.9	<0.16	12.8	<0.76	<0.61	<0.40	<0.60	4.8	<0.28	<0.40	<0.45	<0.20	<0.50	0.79	0.45	33	<0.45	0.67	22	<0.32	<0.39	<0.29	2.1
	12/8/2006 Dup	2.9	5.5	<0.16	3.94	83.1	<0.16	13	<0.78	<0.63	<0.41	<0.61	5.1	<0.28	<0.40	<0.46	<0.21	<0.51	0.81	0.45	37	<0.45	0.63	23	<0.33	<0.40	<0.29	2.7
	3/14/2007	3.7	8.4 V,J11	<0.15	3.92	84.7	<0.15	11.4	<0.74	<0.59	<0.39	<0.58	11	<0.27	<0.38	0.59	<0.20	1.7	0.64	0.63	34	<0.43	3.8	18	<0.31	<0.38	<0.28	6.4
	6/23/2007	8.2	11	<0.16	4.95	81.1	<0.16	14	<0.78	<0.63	<0.42	<0.61	4.5 M	0.33	<0.41	<0.47	<0.21	<0.52	0.71	<0.40	28	0.69 M	0.89	17	<0.33	<0.40	<0.30	17
	6/23/2007 Dup	8.5	10	<0.17	5.74	80.9	<0.17	13.4	<0.81	<0.66	<0.43	<0.64	8.7 M	<0.30	<0.42	<0.48	<0.22	<0.54	0.74	<0.42	28	1.0 M,V	1.9	18	<0.34	<0.42	<0.31	16
	9/23/2007	2.4	4.8	<0.15	5.67	79.5 L	<0.15	14.8	<1.1	<0.87	<0.57	<0.84	<4.7	<0.40	<0.56	<0.64	<0.29	<0.71	0.71	<0.55	22	<3.2	10	20	<0.46	<0.55	<0.41	1.2
	1/8/2008	26	4.7	<0.15	5.55	84.1	<0.15	10.3	<0.71	<0.58	<0.38	<0.56	6.5	<0.26	<0.37	<0.42	<0.19	<0.47	1.2	0.37	27	<2.1	<0.50	24	<0.30	<0.36	<0.27	5.8
	1/8/2008 Dup	24	5.1	<0.14	5.51	84.1	<0.14	10.4	<0.69	<0.56	<0.37	<0.54	13	<0.25	<0.36	<0.41	<0.19	<0.46	1.2	0.44	24	<2.0	0.61	25	<0.29	<0.35	<0.26	5.6
	6/12/2008	5.3	11	<0.17	2.76	82	<0.17	15.2	<0.71	<0.58	<0.38	<0.56	14	<0.26	<0.37	<0.42	<0.19	0.5	<0.37	<0.36	20	27	2.6	7.7	<0.3	<0.36	<0.27	25
	6/12/2008 Dup	9.6	10	<0.18	5.54	81.3	<0.18	13.2	<0.76	<0.62	<0.41	<0.6	7.8 M	<0.28	<0.4	<0.45	<0.21	<0.51	<0.4	<0.39	17	<2.2	1.1	8	<0.32	<0.39	<0.29	10
	12/18/2008	1.9	8.6	<0.14	1.81	85	<0.14	13.1	<0.61	<0.49	<0.33	<0.48	3.8	<0.22	<0.32	<0.36	<0.16	<0.41	0.49	<0.31	17	<1.8	0.47	13	<0.26	<0.31	<0.23	1.3
VW-56-17 (VW-56-I)	1998 4thQ	3.1	37	--	--	--	--	--	--	--	--	--	4.1	0.58	--	--	1.1	1.5	1.3	8.4	16	--	1.7	36	15	--	1.8	1.7
	1999 1stQ	2.8	59	--	--	--	--	--	ND	ND	ND	ND	ND	0.45	ND	ND	0.81	ND	0.92	7.3	13	ND	1.9	39	19	ND	1.5	ND
	1999 2ndQ	2.7	22	--	--	--	--	--	ND	ND	ND	ND	ND	0.47	ND	ND	0.81	1.5	0.89	7.6	13	ND	ND	38	20	ND	1.5	0.99
	1999 3rdQ	2.5	10	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	0.73	ND	1.1	7.9	17	ND	ND	45	21	ND	1.4	1.3
	1999 4thQ	3.1	16	--	--	--	--	--	ND	ND	ND	ND	3.7	ND	ND	ND	0.73	10	1.2	7.5	20	ND	16	46	20	ND	1.4	1.5
	2000 1stQ	1.9	16	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	0.68	ND	0.93	5.7	16	ND	ND	37	17	ND	1.1	0.8
	2000 2ndQ	3.7	31	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.5	12	ND	ND	28	14	ND	ND	ND
	2000 3rdQ	3.6	14	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	4.8	15	<5.7	<6.8	32	15	<4.9	<3.7	<6.3
	2000 4thQ	3.4	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	1.8	<0.71	<1	<1.2	0.53	2.8	1.3	5.8	24	<1.1	3.6	48	19	<0.99	0.9	1.1
	2001 3rdQ	2.7	280	--	--	--	--	--	<4.8	<3.9	<5.2	<3.8	9.3	<3.6	<2.5	<2.9	<3.9	8.8	<2.5	3.4	13	<2.8	<3.4	22	12	<2.5	<1.8	<3.1
	12/27/2005	4.1	6.3	<0.15	2.63	81.6	<0.15	15.8	<1.4	<1.1	<0.75	<1.1	<6.1 C	<0.52	<0.74	<0.84	<0.38	<0.94	<0.74	<0.72	11	<0.83	<0.99	9.2	5.6	<0.72	1.4	5.8 C
	12/8/2006	3.8	6.6	<0.16	2.8	80.1	<0.16	17.1	<0.79	<0.64	<0.42	<0.62	5.5	0.35	<0.41	<0.47	0.41	1.1	0.52	0.47	12	<0.46	1.9	7.1	4.8	<0.40	0.4	2.2
	3/14/2007	3.7	9.7 V	<0.16	3.2	81	<0.16	15.8	<3.9	<3.2	<2.1	<3.1	23 M	<1.4	<2.0	<2.3	<1.1	6.3	<2.0	<2.0	9	<2.3	8.2	4.7	4	<2.0	<1.5	290
	6/23/2007	2.6	9.8	<0.17	3.26	80.6	<0.17	16.1	<0.80	<0.65	<0.43	<0.63	6.3 M	0.42	<0.42	<0.48	0.29	<0.53	<0.42	<0.41	9.4	2.5 M,V	0.98	5.5	4.8	<0.41	0.51	3.7
	9/23/2007	1.8	2.2	<0.16	20.4	78.1 L	<0.16	1.44	<1.2	<0.97	<0.64	<0.94	15 M	<0.44	<0.63	<0.71	<0.32	1.2	<0.63	<0.61	<0.69	<3.5	<0.84	<0.63	<0.51	<0.61	<0.45	<0.78

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-55-18 (VW-55-I)	2003 4thQ	<3.8	<5.2	<3.6	90	<5.3	<5.9	<5.3	<4.4	6.7	<5.9	<2.8	<3.2	15	<5.3	<5.6	<5.6	<2.3	<5.7	<5.6	<3.5	<4	<4	<4
	12/27/2005	<0.24 UJ4	<0.32 UJ4	<0.22 UJ4	43 J4	<0.33 UJ4	<0.37 UJ4	<0.33 UJ4	<0.28 UJ4	8.0 J4,C	<0.37 UJ4	<0.18 UJ4	<0.20 UJ4	11 J4	<0.33 UJ4	1.7 J4,C	6.9 J4,C	<0.15 UJ4	<0.35 UJ4	2.4 J4,C	<0.22 UJ4	<0.25 UJ4	<0.25 UJ4	<0.25 UJ4
	12/19/2006	<2.1	<2.9	<2.0	11	<2.9	<3.2	<2.9	<2.4	<3.5	<3.2	<1.6	<1.7	<1.9	<2.9	<3.0	<3.0	<1.3	<3.1	<3.0	<1.9	<2.2	<2.2	<2.2
	12/19/2006 Dup	<2.4	<3.3	<2.3	14	<3.4	<3.8	<3.4	<2.8	<4.1	<3.8	<1.8	<2.0	<2.3	<3.3	<3.5	<3.5	<1.5	<3.6	<3.5	<2.2	<2.6	<2.6	<2.6
	3/14/2007	<0.52	<0.71	<0.49	3.7	<0.72	<0.80	<0.72	<0.60	2.1	0.94 M	<0.38	<0.42	6.1	<0.71	<0.75	2.5	<0.32	<0.77	0.96	<0.47	<0.54	<0.54	<0.54
	3/14/2007 Dup	<0.50	<0.68	<0.47	2.9	<0.70	<0.77	<0.70	<0.58	2.7	1.3 M	<0.37	<0.41	3.8	<0.69	0.73	2.8	<0.31	<0.74	1.1	<0.46	<0.53	<0.53	<0.53
	6/24/2007	<0.83	<1.1	<0.78	4.5	<1.2	<1.3	<1.2	<0.96	1.7	<1.3 V	<0.61	<0.68	3.2	<1.1	<1.2	2	<0.51	<1.2	<1.2	<0.76	<0.87	<0.87	<0.87
	9/23/2007	<0.61	<0.83	<0.57	5	<0.85	<0.94	<0.85	<0.71	2.7	<0.94	<0.45	<0.50	2.2	<0.84	<0.89	1.6	<0.37	<0.90	<0.89	<0.56	<0.64	<0.64	<0.64
	1/8/2008	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	7	<0.36	<0.17	<0.19	0.93	<0.32	0.81	3.5	<0.14	<0.35	1.1	<0.21	<0.24	<0.24	<0.24
	6/12/2008	<0.5	<0.68	<0.47	2.6	<0.69	<0.77	<0.69	<0.58	1.6	<0.77	<0.37	<0.41	3.2	<0.68	<0.72	1.8	<0.3	<0.74	0.93	<0.46	<0.52	<0.52	<0.52
	6/12/2008 Dup	<0.48	<0.66	<0.45	3	<0.67	<0.74	<0.67	<0.56	1.4	<0.74	<0.36	<0.4	4.5	<0.66	<0.7	1.3	<0.29	<0.72	<0.7	<0.44	<0.51	<0.51	<0.51
	12/18/2008	<0.21	<0.28	<0.19	0.35	<0.29	<0.32	<0.29	<0.24	5.5	<0.32	<0.15	<0.17	0.23	<0.28	0.84	3.2	<0.13	<0.3	0.88	<0.19	<0.22	<0.22	<0.22
VW-55-29 (VW-55-D)	1998 4thQ	--	--	--	650	--	--	--	--	ND	--	--	--	9.9	--	ND	ND	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	470	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	410	ND	ND	ND	ND	ND	ND	ND	ND	9.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	460	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	320	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	300	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	230	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<6.4	<8.7	<6	<7.4	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	<5.9	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 4thQ	<6.4	<8.7	<6	<7.4	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	<5.9	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2001 1stQ	<1.6	<2.2	<1.5	180	<2.2	<2.4	<2.2	<1.8	7.4	<2.4	<1.2	<1.3	11	<2.2	<2.3	11	<0.97	<2.3	3.8	<1.5	<1.7	<1.7	<1.7
	2001 2ndQ	<3.2	<4.3	<3	150	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	11	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<3.2	<4.3	<3	120	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	9.6	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 4thQ	<3.2	<4.3	<3	120	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	9.5	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 1stQ	<0.8	<1.1	<0.75	110	<1.1	<1.2	<1.1	<0.92	7.1	<1.2	<0.59	<0.65	9.6	<1.1	1.8	7.3	<0.48	<1.2	3.2	<0.73	<0.83	<0.83	<0.83
	2002 2ndQ	--	--	--	120	--	--	--	--	ND	--	--	--	11	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<3.9	<5.4	<3.7	83	<5.5	<6.1	<5.5	<4.5	<6.6	<6.1	<2.9	<3.2	8.6	<5.4	<5.7	<5.7	<2.4	<5.8	<5.7	<3.6	<4.1	<4.1	<4.1
	2002 4thQ	<0.8	<1.1	<0.75	87	<1.1	<1.2	<1.1	<0.92	3.1	<1.2	<0.59	<0.66	11	<1.1	<1.2	2.2	<0.49	<1.2	<1.2	<0.73	<0.84	<0.84	<0.84
	2003 1stQ	--	--	--	66	--	--	--	--	4.1	--	--	--	7.6	--	ND	ND	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	61	--	--	--	--	5.8	--	--	--	7.9	--	ND	5	--	--	--	--	--	--	--
	2003 3rdQ	<0.82	<1.1	<0.77	50	<1.1	<1.3	<1.1	<0.95	4.9	<1.3	<0.61	<0.67	9.2	<1.1	<1.2	4.2	<0.5	<1.2	1.5	<0.75	<0.86	<0.86	<0.86
	2003 4thQ	<1.9	<2.6	<1.8	48	<2.7	<3	<2.7	<2.2	5.5	<3	<1.4	<1.6	8.8	<2.6	<2.8	5.4	<1.2	<2.8	<2.8	<1.8	<2	<2	<2
	12/27/2005	<0.24	<0.32	<0.22	26	<0.33	<0.37	<0.33	<0.28	12 C	<0.37	<0.18	<0.20	13	<0.33	4.2 C	13 C	<0.15	<0.35	4.8 C	<0.22	<0.25	<0.25	<0.25
	12/19/2006	<0.24	<0.32	<0.22	4.8	<0.33	<0.36	<0.33	<0.27	1.3	<0.36	<0.17	<0.19	4	<0.32	0.37	1.4	<0.14	<0.35	0.68	<0.22	<0.25	<0.25	<0.25
	3/14/2007	<0.97	<1.3	<0.91	5.9	<1.3	<1.5	<1.3	<1.1	80	<1.5	<0.71	<0.79	2.2	<1.3	10	42	<0.59	<1.4	12	<0.89	<1.0	<1.0	<1.0
	6/24/2007	<0.24	<0.32	<0.22	2.4	<0.33	<0.37	<0.33	<0.28	2.4	<0.37 V	<0.18	<0.20	1.3	<0.33	0.98	4.5	<0.15	<0.35	1.7	<0.22	<0.25	<0.25	<0.25
	9/23/2007	<024	<0.32	<0.22	0.34	<0.33	<0.37	<0.33	<0.28	4.7	<0.37	<0.18	<0.20	1.1	<0.33	0.49	2	<0.15	0.65	0.66	<0.22	<0.25	<0.25	<0.25
	1/8/2008	<0.45	<0.61	<0.42	2.7	<0.62	<0.68	<0.62	<0.51	4.2	<0.68	<0.33	<0.36	0.9	<0.61	0.78	3.1	<0.27	<0.66	1.1	<0.41	<0.47	<0.47	<0.47
	6/12/2008	<0.42	<0.58	<0.4	3.7	<0.59	0.66	<0.59	<0.49	5.3	<0.65	<0.31	<0.35	2.3	<0.58	0.86	3.2	<0.26	<0.62	1.4	<0.39	<0.44	<0.44	<0.44
	12/18/2008	<0.19	<0.26	<0.18	8.8	<0.27	<0.3	<0.27	<0.22	2.6	<0.3	<0.14	<0.16	6.7	<0.26	0.63	2.3	<0.12	<0.29	0.72	<0.18	<0.2	<0.2	<0.2
VW-56-08 (VW-56-S)	1998 4thQ	--	--	--	140	--	--	--	--	1.7	--	--	--	5.2	--	0.84	3.2	--	--	0.86	--	--	0.49	--
	1999 1stQ	ND	ND	ND	82	ND	ND	ND	ND	ND	ND	ND	ND	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	98	ND	ND	ND	ND	0.92	ND	ND	ND	32	ND	ND	0.58	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	140	ND	ND	ND	ND	5.6	ND	ND	ND	84	ND	1.3	4.8	ND	ND	1.6	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	110	ND	ND	ND	ND	4.1	ND	ND	ND	66	ND	1.1	4.4	ND	ND	2	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	75	ND	ND	ND	ND	1.1	ND	ND	ND	32	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	80	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	ND	ND	1	ND	ND	ND	ND
	2000 3rdQ	<1.6	<2.2	<1.5	120	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	87	<2.2	<2.3	<2.3	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	2000 4thQ	<0.64	<0.87	<0.6	95	<0.88	<0.98	<0.88	<0.73	7.7	<0.98	<0.47	<0.52	45	<0.87	1.7	6.9	<0.39	<0.94	2.5	<0.58	<0.67	<0.67	0.55
	2001 3rdQ	<1.6	<2.2	<1.5	79	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	64	<2.2	<2.3	<2.3	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	12/27/2005	<0.24	<0.32	<0.22	18	<0.33	<0.36	<0.33	<0.27	9.6 C	<0.36	<0.17	<0.19	15	<0.32	2.1 C	10 C	<0.14	0.58	3.9 C	<0.22	<0.25	<0.25	<0.25
	12/8/2006	<0.25	<0.34	<0.23	13	<0.35	<0.38	<0.35	<0.29	4.1	<0.38	<0.18	<0.20	13	<0.34	0.81	3.2	<0.15	<0.37	1.1	<0.23	<0.26	<0.26	<0.26
	12/8/2006 Dup	<0.25	<0.35	<0.24	13	<0.35	<0.39	<0.35	<0.29	3.8	<0.39	<0.19	<0.21	13	<0.35	0.73	2.6	<0.15	<0.38	0.85	<0.23	<0.27	<0.27	<0.27
	3/14/2007	<0.24	<0.33	<0.23	10	<0.33	<0.37	<0.33	<0.28	11	<0.37	<0.18	<0.20	6.5	<0.33	0.76	2.7	<0.15	<0.36	0.74	<0.22	<0.25	<0.25	<0.25
	6/23/2007	<0.26	<0.35	<0.24	12	<0.36	<0.40	<0.36	<0.30	3.5	0.4	<0.19	<0.21	16	<0.35	1.3	5.9	<0.16	<0.38	1.9	<0.24	<0.27	<0.27	<0.27
	6/23/2007 Dup	<0.27	<0.36	<0.25	13	<0.37	<0.41	<0.37	<0.31	3.7	0.45	<0.20	0.22	17	<0.36	1.2	5.6	<0.16	<0.39	1.8	<0.24	<0.28	<0.28	<0.28
	9/23/2007	<0.35	<0.48	<0.33	14	<0.49	<0.54	<0.49	<0.41	5.2	<0.54	<0.26	<0.29	25	<0.48	<0.51	1.8	<0.22	0.67	0.64	<0.32	<0.37	<0.37	<0.37
	1/8/2008	<0.23	<0.32	<0.22	6.4	<0.32	<0.36	<0.32	<0.27	3.5	<0.36	<0.17	<0.19	7.5	<0.32	0.66	3	<0.14	<0.35	1	<0.21	<0.24	<0.24	<0.24
	1/8/2008 Dup	<0.23	<0.31	<0.21	8.3	<0.31	<0.35	<0.31	<0.26	2.3	<0.35	<0.17	<0.18	11	<0.31	0.43	2	<0.14	<0.33	0.71	<0.21	<0.24	<0.24	<0.24
	6/12/2008	<0.23	<0.32	<0.22	8.2	<0.32	0.62	<0.32	<0.27	2.1	0.89	<0.17	<0.19	18	<0.32	0.46	1.6	<0.14	<0.35	0.57	<0.21	<0.24	<0.24	<0.24
	6/12/2008 Dup	<0.25	<0.34	<0.23	6.7	<0.35	<0.38	<0.35	<0.29	13	<0.38	<0.18	<0.2	19	<0.34	<0.36	0.54	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	12/18/2008	<0.2	<0.27	<0.19	6.3	<0.28	<0.31	<0.28	<0.23	1.8	<0.31	<0.15	<0.16	14	<0.27	0.4	1.4	<0.12	<0.3	0.44	<0.18	<0.21	<0.21	<0.21
VW-56-17 (VW-56-I)	1998 4thQ	--	--	--	670	--	--	--	--	--	--	--	--	29	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	550	ND	1.9	ND	ND	ND	2	ND	ND	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	470	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	470	ND	ND	ND	ND	2.9	ND	ND	ND	36	ND	0.66	2.4	ND	ND	0.8	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	440	ND	ND	ND	ND	4.3	ND	ND	ND	33	ND	0.75	3	ND	ND	1.5	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	390	ND	ND	ND	ND	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	370	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<3.2	<4.3	<3	380	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	27	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2000 4thQ	<0.64	<0.87	<0.6	440	<0.88	<0.98	<0.88	<0.73	3.3	<0.98	<0.47	<0.52	33	<0.87	0.57	2.4	<0.39	<0.94	0.87	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<1.6	<2.2	<1.5	240	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	25	<2.2	<2.3	<2.3	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	12/27/2005	<0.46	<0.63	<0.44	120	<0.64	<0.71	<0.64	<0.54	12 C	<0.71	<0.34	<0.38	26	<0.63	2.3 C	9.7 C	<0.28	<0.69	3.2 C	<0.43	<0.49	<0.49	<0.49
	12/8/2006	<0.26	<0.35	<0.24	60	<0.36	0.58	<0.36	<0.30	12	<0.40	<0.19	<0.21	7.7	<0.35	2.5	4.1	<0.16	<0.38	1	<0.24	<0.27	<0.27	<0.27
	3/14/2007	<1.3	<1.7	<1.2	34	<1.8	<2.0	<1.8	<1.5	5.3	2.4	<0.95	<1.0	3.6	<1.7	<1.9	3.7	<0.78	<1.9	<1.9	<1.2	<1.3	<1.3	<1.3
	6/23/2007	<0.26	<0.36	<0.25	53	<0.36	<0.40	<0.36	<0.30	1.4	<0.40	<0.19	<0.21	9.1	<0.36	0.86	3.9	<0.16	<0.39	1.1	<0.24	<0.27	<0.27	<0.27
	9/23/2007	<0.39	<0.54	<0.37	0.9	<0.55	<0.61	<0.55	<0.45	<0.66	<0.61	<0.29	<0.32	<0.37	<0.54	<0.57	<0.57	<0.24	<0.58	<0.57	<0.36	<0.41	<0.41	<0.41

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																									
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																		
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-56-17 (VW-56-I)	1/8/2008	3	1.8	<0.16	19.5	78.1	<0.16	2.41	<0.76	<0.61	<0.4	<0.59	12	<0.28	<0.39	<0.45	<0.2	<0.5	<0.39	<0.39	1.3	<2.2	0.96	0.96	0.62	<0.39	<0.29	2.1
	6/12/2008	2.5	10	<0.15	3.69	80.4	<0.15	15.9	<0.64	<0.51	<0.34	<0.5	9.3	0.5	<0.33	<0.38	0.25	0.63	<0.33	<0.33	6.4	2.1	1.3	3.2	3.9	<0.33	0.55	4.4
	12/18/2008	2.4	8	<0.14	6.12	80.3	<0.14	13.6	<0.61	1.4	<0.32	<0.48	6.7	0.46	<0.32	0.64	0.2	2.6	<0.32	<0.31	5.3	<1.8	1	2	2.3	<0.31	0.43	0.44
VW-56-28 (VW-56-D)	1998 4thQ	1.8	40	--	--	--	--	--	--	--	--	--	5	0.68	--	--	1.3	3.9	--	9.1	--	--	--	18	19	--	2.3	1.3
	1999 1stQ	3.1	57	--	--	--	--	--	ND	ND	ND	ND	23	0.5	ND	ND	0.83	1.7	ND	6.7	7	ND	2.8	16	21	ND	1.6	ND
	1999 2ndQ	1.8	21	--	--	--	--	--	ND	ND	ND	ND	7.4	0.48	ND	ND	0.86	9.1	ND	7.2	2.8	ND	1.2	18	23	ND	1.6	ND
	1999 3rdQ	1.6	9.6	--	--	--	--	--	ND	ND	ND	ND	4.1	ND	ND	ND	0.81	4.7	ND	7.1	3.7	ND	ND	20	23	ND	1.5	ND
	1999 4thQ	2	17	--	--	--	--	--	ND	ND	ND	ND	3.8	ND	ND	ND	0.8	3.2	ND	6.5	6.2	ND	12	20	22	ND	1.4	ND
	2000 1stQ	1.6	13	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	0.68	ND	ND	5.1	4	ND	ND	18	19	ND	1.1	ND
	2000 2ndQ	2.6	35	--	--	--	--	--	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	ND	4.1	3.9	ND	ND	14	16	ND	ND	ND
	2000 3rdQ	2.6	11	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	4.3	3.9	<5.7	<6.8	15	16	<4.9	<3.7	<6.3
	2000 4thQ	2.6	16	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.9	<0.71	<1	<1.2	0.59	2.2	<1	5.3	7.9	<1.1	4.5	23	22	<0.99	0.98	0.87
	2001 3rdQ	2.3	380	--	--	--	--	--	<4.8	<3.9	<5.2	<3.8	13	<3.6	<2.5	<2.9	<3.9	<3.2	<2.5	<2.5	3.8	<2.8	4.4	11	13	<2.5	<1.8	<3.1
	12/27/2005	3.4	7.3	<0.12	3.24	81.5	<0.12	15.3	<2.9	<2.4	<1.6	<2.3	<13 C	<1.1	<1.5	<1.7	<0.79	<1.9	<1.5	<1.5	7.3	<1.7	<2.1	7.1	7.3	<1.5	<1.1	2.5 C
	12/8/2006	3.6	7.1	<0.16	3.37	80.1	<0.16	16.5	<0.77	<0.62	<0.41	<0.60	<3.3	0.36	<0.40	<0.45	0.35	1.4	<0.40	0.43	9	<0.45	0.72	4.8	5.8	<0.39	0.44	1.5
	3/14/2007	16	10 V	<0.16	3.86	80.5	<0.16	15.6	<1.5	<1.2	<0.80	<1.2	6.7 M	<0.56	<0.79	<0.90	<0.41	10	<0.79	<0.77	8.2	<0.89	2	4.2	5	<0.77	<0.57	24
	6/23/2007	2.2	11	<0.15	3.6	80.5	<0.15	15.9	<0.75	<0.60	<0.40	<0.58	13 M	0.47	<0.39	<0.44	0.31	1.1	<0.39	<0.38	9	4.0 V	1	3.7	5.7	<0.38	0.66	5.3
	9/23/2007	1.9	2.6	<0.15	17.5	78.2 L	<0.15	4.28	<1.1	<0.88	<0.58	<0.85	<4.7	<0.40	<0.57	<0.65	<0.29	<0.72	<0.57	<0.56	3	<3.2	2.1	2	1.3	<0.56	<0.41	12
	1/8/2008	2.4	<1.5	<0.15	21.7	77.9	<0.15	0.386	<0.71	<0.57	<0.38	<0.55	40	<0.26	<0.37	<0.42	<0.19	1.2	<0.37	<0.36	<0.41	<2.1	1.2	<0.37	<0.3	<0.36	<0.27	1.9
	6/12/2008	2.1	9	<0.16	3.58	80.6	<0.16	15.8	<0.67	<0.54	<0.36	<0.52	22	0.68	<0.35	<0.4	0.3	1.1	<0.35	<0.34	8.3	5.4	1.4	2.4	5.1	<0.34	0.65	8.3
	12/18/2008	1.9	<2.2	<0.22	22	77.8	<0.22	<0.22	<0.88	<0.71	<0.47	<0.69	8	<0.32	<0.46	0.64	<0.24	<0.59	<0.46	<0.45	<0.51	<2.6	<0.62	<0.46	<0.37	<0.45	<0.33	0.73
	12/18/2008 Dup	1.9	4.1	<0.12	17.3	78.5	<0.12	4.19	<0.55	<0.45	<0.29	<0.43	23	0.32	<0.29	3.4	<0.15	0.65	<0.29	<0.28	1.7	<1.6	0.53	0.38	0.86	<0.28	<0.21	1.1
VW-58-08 (VW-58-S)	1998 4thQ	1.3	26	--	--	--	--	--	--	ND	--	--	4.5	1.1	--	--	0.53	1.8	--	--	--	--	--	--	4.9	--	41	0.85
	1999 1stQ	0.89	11	--	--	--	--	--	ND	ND	ND	ND	4.6	0.44	ND	ND	ND	0.8	ND	ND	ND	ND	5.8	ND	1.7	ND	18	ND
	1999 2ndQ	0.88	11	--	--	--	--	--	ND	ND	ND	ND	12	0.56	ND	ND	ND	2.9	ND	ND	0.87	ND	0.87	ND	2	ND	22	ND
	1999 3rdQ	1	8.4	--	--	--	--	--	2	ND	ND	ND	7.7	ND	ND	ND	0.47	1.9	ND	ND	ND	ND	ND	ND	17	ND	38	ND
	1999 4thQ	1.2	7.4	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	ND
	2000 1stQ	0.68	1.3	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	ND
	2000 2ndQ	1.3	6.3	--	--	--	--	--	ND	ND	ND	ND	6	0.5	ND	0.87	ND	ND	ND	ND	ND	ND	1.2	ND	1.4	ND	17	ND
	2000 3rdQ	1.6	15	--	--	--	--	--	<19	<16	<10	<15	<17	<7.1	<10	<12	<5.2	<13	<10	<9.9	<11	<11	<14	<10	<8.2	<9.9	34	<13
	2000 4thQ	1.2	5.4	--	--	--	--	--	<1.9	<1.6	<1	<1.5	11	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	<1.1	<1.1	2.6	<1	1.6	<0.99	15	<1.3
	2001 1stQ	1.1	32	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	6.1	<6.3
	2001 2ndQ	1	17	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	7.8	<6.3
	2001 3rdQ	1.2	47	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	17	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	13	<6.3
	2001 4thQ	1.3	3.6	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	9.8	<6.3
	2002 1stQ	0.83	20	--	--	--	--	--	<9.7	<7.8	<10	<7.6	11	<7.1	<5	<5.8	<7.8	10	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	7.1	<6.3
	2002 2ndQ	ND	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	2.3	9.8	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	11	<6.3
	2002 4thQ	1.5	6.8	--	--	--	--	--	<12	<9.5	<6.3	<9.3	<10	<4.3	<6.2	<7	<3.2	<7.8	<6.2	<6	<6.8	<6.9	<8.3	<6.2	<5	<6	8.5	<7.6
	2003 1stQ	0.98	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	0.86	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	1.7	14	--	--	--	--	--	<2.5	<2	<1.3	<1.9	<11	3.4	<1.3	<1.5	<0.67	<1.6	<1.3	<1.3	<1.4	<1.5	2.2	<1.3	<1	<1.3	9	<1.6
	2003 4thQ	1.1	13	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	<10	<0.88	<1.3	<1.4	3	<1.6	<1.3	<1.2	<1.4	2.2	<1.7	<1.3	<1	<1.2	5.9	<1.6
	12/27/2005	0.87	3.6	<0.17	15	80.4	<0.17	4.61	<4.2	<3.4	<2.2	<3.3	<18 C	7.9	<2.2	<2.5	2.5	<2.8	<2.2	<2.1	<2.4	<2.5	<2.9	<2.2	<1.8	<2.1	11	3.4 C
	12/14/2006	1.1	2.6	<0.15	13.2	81.5	<0.15	5.3	<7.2	<5.8	<3.8	<5.6	<31	7.4	<3.7	<4.3	<1.9	<4.8	<3.7	<3.7	<4.1	<4.2	<5.0	<3.7	<3.0	<3.7	8.7	13
	12/14/2006 Dup	0.89	2.6	<0.16	13.1	81.5	<0.16	5.34	<6.2	<5.0	<3.3	<4.8	<27	8.3	<3.2	<3.7	<1.7	<4.1	<3.2	<3.1	<3.5	<3.6	<4.3	<3.2	<2.6	<3.1	9.7	10
	3/14/2007	0.8	3.1 V	<0.15	13.7	81.8	<0.15	4.44	<7.2	<5.8	<3.8	<5.6	<31	5.2	<3.8	<4.3	<1.9	<4.8	<3.8	<3.7	<4.1	<4.2	6.8	<3.8	<3.1	<3.7	6.5	130
	6/30/2007	0.91	9.6	<0.17	6.2	85.3	<0.17	8.49	<16	<13	<8.6	<13	<70 *	8.8	<8.4	<9.6	<4.4	13	<8.4	<8.3	<9.3	<9.5	<11	<8.4	<6.8	<8.3	13	12
	9/20/2007	<0.81	5	<0.16	6.79	83.3	<0.16	9.88	<12	<9.5	<6.2	<9.2	<51	11	<6.1	<7.0	<3.2	<7.8	<6.1	<6.0	<6.7	<34	<8.2	<6.1	<4.9	<6.0	13	8.3
	1/7/2008	0.89	<1.6	<0.16	14	82.1	<0.16	3.87	<0.76	<0.61	<0.4	<0.59	6.5	4	<0.39	<0.45	0.57	1.4	<0.39	<0.39	<0.43	<2.2	0.96	<0.39	<0.32	<0.39	4.6	3.1
	6/17/2008	0.93	6.9	<0.15	12.5	81.4	<0.15	6.11	<4.7	<3.8	<2.5	<3.7	<21	4.9	<2.5	<2.8	<1.3	19	<2.5	<2.4	<2.7	<14	<3.3	<2.5	<2	<2.4	5.8	5.1
	6/17/2008 Dup	0.63	7.5	<0.12	9.75	82.4	<0.12	7.81	<5.6	<4.5	<3	<4.4	<24	6.6	<2.9	<3.3	<1.5	4.8 U	<2.9	<2.9	<3.2	<16	<3.9	<2.9	<2.4	<2.9	8.2	4
	12/29/2008	0.97	4.1	<0.15	18	77.7	<0.15	4.33	<0.64	<0.51	<0.34	<0.5	4.2 M	4.6	<0.33	<0.38	0.37	<0.42	<0.33	<0.33	<0.36	<1.9	0.65	<0.33	<0.27	<0.33	3.8	1.3
	12/29/2008 Dup	1	4.4	<0.15	17.9	77.7	<0.15	4.37	<3	<2.4	<1.6	<2.3	<13	4.8	<1.6	<1.8	<0.81	<2	<1.6	<1.5	<1.7	<8.8	<2.1	<1.6	<1.3	<1.5	4.1	<1.9
	1/7/2008 Dup	<0.74	1.8	<0.15	12.4	82.8	<0.15	4.76	<0.71	<0.58	<0.38	<0.56	3.2	4.8	<0.37	<0.42	0.65	<0.47	<0.37	<0.36	<0.41	<2.1	<0.50	<0.37	<0.30	<0.36	6.1	2.2
VW-58-19 (VW-58-I)	1998 4thQ	ND	110	--	--	--	--	--	--	ND	--	--	6.6	1.4	--	--	1.0	9.2	5.2	1.8	--	--	3.2	3	9.4	--	--	3.7
	1999 1stQ	0.78	29	--	--	--	--	--	ND	ND	ND	ND	1.5	0.5	ND	ND	ND	2.8	0.62	0.67	ND	ND	ND	0.87	4.1	ND	12	1
	1999 2ndQ	1.2	45	--	--	--	--	--	ND	ND	ND	ND	12	0.56	ND	ND	0.44	28	2	0.78	ND	ND	ND	1.2	5.2	ND	16	0.84
	1999 3rdQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	6	0.52	ND	ND	ND	4.6	1.6	ND	ND	ND	ND	1	5.1	ND	12	0.88
	1999 4thQ	ND	18	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ND
	2000 1stQ	ND	17	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.7	ND
	2000 2ndQ	0.64	34	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	ND	9.2	ND
	2000 3rdQ	<0.5	20	--	--	--	--	--	<19	<16	<10	<15	34	<7.1	<10	<12	<5.2	<13	<10	<9.9	<11	<11	<14	<10	<8.2	<9.9	6.7	<13
	2000 4thQ	<0.5	10	--	--	--	--	--	<1.9	<1.6	<1	<1.5	2.7	<0.71	<1	<1.2	0.43	<1.3	1.2	<0.99	<1.1	<1.1	<1.4	<1	3.6	<0.99	7.6	<1.3
	2001 1stQ	<0.5	140	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	6	<6.3
	2001 2ndQ	<0.5	44	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 3rdQ	<0.5	58	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 4thQ	<0.5	10	--	--	--	--	--	<48	<39	<52	<38	<42	<36	<25	<29	<39	<32	<25	<25	<28	<28	<34	<25	<20	<25	<18	<31
	2002 1stQ	<0.5	12	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 2ndQ	0.73	--	--	--	--	--	--	--	ND	--	--	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	<0.5	9	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 4thQ	0.79	11	--	--	--	--	--	<12	<9.6	<6.3	<9.3	<10	<4.4	<6.2	<7.1	<3.2	<7.9	<6.2	<6.1	<6.8	<7	<8.3	<6.2	<5	<6.1	<4.5	<7.7
	2003 1stQ	0.62	--	--	--	--	--	--	--	1.9	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	ND	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	<0.64	15	--	--	--	--	--	<2.5	<2	<1.3	<1.9	<11	4.5	<1.3	<1.5	<0.67	<1.6	<1.3	<1.3	<1.4	<1.5	3.4	<1.3	1.5	<1.3	3.3	<1.6
	2003 4thQ	0.78	6.7	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	<10	<0.87	<1.2	<1.4	4.2	<1.6	<1.2	<1.2	<1.4	<1.4	<1.7	<1.2	1.2	<1.2	3.3	<1.5
	12/27/2005	<0.73	5.9	<0.15	4.72	81.7	<0.15	13.6	<3.6	<2.9	<1.9	<2.8	<15 C	3.6	<1.9	<2.1	2.3	<2.4	<1.9	<1.8	<2.0	<2.1	<2.5	<1.9	<1.5	<1.8	16	3.9 C
	12/14/2006	<0.76	5.4	<0.15	5.82	80.7	<0.15	13.5	<12	<9.8	<6.5	<9.5	<53	<4.5	<6.4	<7.2	<3.3	<8.1	<6.4	<6.2	<7.0	<7.2	<8.5	<6.4	<5.2	<6.2	14	<7.9

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-56-17 (VW-56-I)	1/8/2008	<0.25	<0.34	<0.23	4.5	<0.34	<0.38	<0.34	<0.29	3.3	<0.38	<0.18	<0.2	0.7	<0.34	0.74	2.8	<0.15	<0.37	1	<0.23	<0.26	<0.26	<0.26
	6/12/2008	<0.21	<0.28	<0.2	32	<0.29	<0.32	<0.29	<0.24	3	<0.32	<0.15	<0.17	7.9	<0.29	0.37	2	<0.13	<0.31	0.85	<0.19	<0.22	<0.22	<0.22
	12/18/2008	<0.2	<0.27	<0.19	18	<0.28	<0.31	<0.28	<0.23	3.9	<0.31	<0.15	<0.16	4.4	<0.27	1.4	1.6	<0.12	<0.3	0.46	<0.18	<0.21	<0.21	<0.21
VW-56-28 (VW-56-D)	1998 4thQ	--	--	--	710	--	--	--	--	0.93	--	--	--	37	--	2.8	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	590	ND	2.1	ND	ND	1.2	1.7	ND	ND	30	ND	0.77	2	ND	0.85	0.95	ND	0.43	0.39	0.5
	1999 2ndQ	ND	ND	ND	480	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	430	ND	ND	ND	ND	2.7	ND	ND	ND	39	ND	ND	2.2	ND	ND	0.75	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	470	ND	ND	ND	ND	2.8	ND	ND	ND	36	ND	0.62	2.5	ND	ND	1.1	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	410	ND	ND	ND	ND	ND	ND	ND	ND	29	ND	ND	ND	ND	0.65	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	380	ND	ND	ND	ND	ND	ND	ND	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<3.2	<4.3	<3	380	<4.4	<4.9	<4.4	<3.7	<5.3	9	<2.3	<2.6	28	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2000 4thQ	<0.64	<0.87	<0.6	450	<0.88	<0.98	<0.88	<0.73	4.2	0.86	<0.47	<0.52	34	<0.87	0.72	2.9	<0.39	<0.94	1	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<1.6	<2.2	<1.5	240	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	26	<2.2	<2.3	<2.3	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	12/27/2005	<0.96	<1.3	<0.9	97	<1.3	<1.5	<1.3	<1.1	6.1 C	<1.5	<0.71	<0.79	21	<1.3	2.0 C	6.1 C	<0.59	<1.4	2.2 C	<0.88	<1.0	<1.0	<1.0
	12/8/2006	<0.25	<0.34	<0.24	64	<0.35	<0.39	<0.35	<0.29	3	<0.39	<0.19	<0.21	10	<0.34	0.74	3	<0.15	<0.37	1	<0.23	<0.26	<0.26	<0.26
	3/14/2007	<0.50	<0.68	<0.47	48	<0.69	<0.76	<0.69	<0.57	3	<0.76	<0.37	<0.41	8.5	<0.68	1.4	5.4	<0.30	<0.73	2.1	<0.45	<0.52	<0.52	<0.52
	6/23/2007	<0.24	<0.33	<0.23	54	<0.34	<0.38	<0.34	<0.28	0.93	<0.38	<0.18	<0.20	9.3	<0.33	1	4.4	<0.15	<0.36	1.1	<0.22	<0.26	<0.26	<0.26
	9/23/2007	<0.36	<0.49	<0.34	13	<0.50	<0.55	<0.50	<0.41	13	<0.55	<0.26	<0.29	2.3	<0.49	0.92	3.4	<0.22	1.1	1.1	<0.33	<0.37	<0.37	<0.37
	1/8/2008	<0.23	<0.32	<0.22	1	<0.32	<0.36	<0.32	<0.27	3.9	<0.36	<0.17	<0.19	0.42	<0.32	0.65	2.9	<0.14	<0.34	1.1	<0.21	<0.24	<0.24	<0.24
	6/12/2008	<0.22	<0.3	<0.21	35	<0.3	<0.34	<0.3	<0.25	1	0.39	<0.16	<0.18	7.5	<0.3	<0.32	1.1	<0.13	<0.32	0.38	<0.2	<0.23	<0.23	<0.23
	12/18/2008	<0.29	<0.4	<0.27	<0.34	<0.4	<0.45	<0.4	<0.33	5.9	<0.45	<0.21	<0.24	<0.27	<0.4	0.79	2.3	<0.18	<0.43	0.65	<0.27	<0.3	<0.3	<0.3
	12/18/2008 Dup	<0.18	<0.25	<0.17	5.1	<0.25	<0.28	<0.25	<0.21	15	<0.28	<0.13	<0.15	1.1	<0.25	1.6	1.8	<0.11	<0.27	0.54	<0.17	<0.19	<0.19	<0.19
VW-58-08 (VW-58-S)	1998 4thQ	--	--	--	3200	--	--	--	--	1.1	--	--	--	26	--	ND	0.76	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	2200	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	2200	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	4400	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	3200	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	1500	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	1900	ND	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<6.4	<8.7	<6	2800	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	39	<8.7	<9.2	9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 4thQ	<0.64	<0.87	<0.6	1400	<0.88	0.65	<0.88	<0.73	1.9	<0.98	<0.47	<0.52	16	<0.87	0.94	3	<0.39	<0.94	0.91	<0.58	<0.67	<0.67	0.48
	2001 1stQ	<3.2	<4.3	<3	760	<4.4	<4.9	<4.4	<3.7	9	<4.9	<2.3	<2.6	8.8	<4.3	<4.6	11	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 2ndQ	<3.2	<4.3	<3	930	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	11	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<3.2	<4.3	<3	1500	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	19	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 4thQ	<3.2	<4.3	<3	1200	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	14	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 1stQ	<3.2	<4.3	<3	620	<4.4	<4.9	<4.4	<3.7	7.1	<4.9	<2.3	<2.6	9.6	<4.3	<4.6	7.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 2ndQ	--	--	--	820	--	--	--	--	ND	--	--	--	10	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<3.2	<4.3	<3	1100	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	17	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 4thQ	<3.9	<5.3	<3.6	890	<5.4	<6	<5.4	<4.5	<6.5	<6	<2.9	<3.2	16	<5.3	<5.6	6.2	<2.4	<5.7	<5.6	<3.6	<4.1	<4.1	<4.1
	2003 1stQ	--	--	--	600	--	--	--	--	2.2	--	--	--	9.9	--	ND	1.9	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	680	--	--	--	--	2.1	--	--	--	13	--	ND	2.4	--	--	--	--	--	--	--
	2003 3rdQ	<0.81	<1.1	<0.76	950	<1.1	<1.3	<1.1	<0.94	6.6	<1.3	<0.6	<0.67	24	<1.1	<1.2	4.4	<0.5	<1.2	1.5	<0.75	<0.85	<0.85	<0.85
	2003 4thQ	<0.79	<1.1	<0.74	430	<1.1	<1.2	<1.1	<0.91	5.7	<1.2	<0.58	<0.65	12	<1.1	1.3	5.4	<0.48	<1.2	2.1	<0.72	<0.83	<0.83	<0.83
	12/27/2005	<1.4	<1.9	<1.3	360	<1.9	<2.1	<1.9	<1.6	12 C	<2.1	<1.0	<1.1	48	<1.9	2.1 C	9.4 C	<0.84	<2.0	3.5 C	<1.3	<1.4	<1.4	<1.4
	12/14/2006	<2.4	<3.2	<2.2	230	<3.3	<3.6	<3.3	<2.7	<3.9	<3.6	<1.7	<1.9	7.1	<3.2	<3.4	<3.4	<1.4	<3.5	<3.4	<2.2	<2.5	<2.5	<2.5
	12/14/2006 Dup	<2.0	<2.8	<1.9	260	<2.8	<3.1	<2.8	<2.3	<3.4	<3.1	<1.5	<1.7	7.6	<2.8	<2.9	<2.9	<1.2	<3.0	<2.9	<1.9	<2.1	<2.1	<2.1
	3/14/2007	<2.4	<3.2	<2.2	120	<3.3	<3.6	<3.3	<2.7	8.2	<3.6	<1.7	<1.9	2.7	<3.2	<3.4	7.8	<1.4	<3.5	<3.4	<2.2	<2.5	<2.5	<2.5
	6/30/2007	<5.3	<7.2	<5.0	400	<7.4	<8.2	<7.4	<6.1	<8.9	<8.2	<3.9	<4.3	15	<7.3	<7.7	<7.7	<3.2	<7.8	<7.7	<4.9	<5.6	<5.6	<5.6
	9/20/2007	<3.8	<5.2	<3.6	380	<5.3	<5.9	<5.3	<4.4	<6.4	<5.9	<2.8	<3.1	13	<5.2	<5.6	<5.6	<2.3	<5.7	<5.6	<3.5	<4.0	<4.0	<4.0
	1/7/2008	<0.25	<0.34	<0.23	120	<0.34	<0.38	<0.34	<0.29	3.2	<0.38	<0.18	<0.2	4.6	<0.34	0.56	2.5	<0.15	<0.37	0.85	<0.23	<0.26	<0.26	<0.26
	6/17/2008	<1.5	<2.1	<1.5	170	<2.1	<2.4	<2.1	<1.8	2.6	<2.4	<1.1	<1.3	6	<2.1	<2.2	<2.2	<0.94	<2.3	<2.2	<1.4	<1.6	<1.6	<1.6
	6/17/2008 Dup	<1.8	<2.5	<1.7	290	<2.6	<2.8	<2.6	<2.1	<3.1	<2.8	<1.4	<1.5	13	<2.5	<2.7	<2.7	<1.1	<2.7	<2.7	<1.7	<1.9	<1.9	<1.9
	12/29/2008	<0.21	<0.28	<0.2	120	<0.29	<0.32	<0.29	<0.24	4.8	<0.32	<0.15	<0.17	5.7	<0.29	0.86	2.9	<0.13	<0.31	0.7	<0.19	<0.22	<0.22	<0.22
	12/29/2008 Dup	<0.98	<1.3	<0.92	120	<1.4	<1.5	<1.4	<1.1	3.3	<1.5	<0.73	<0.8	6.1	<1.3	<1.4	2.6	<0.6	<1.5	<1.4	<0.9	<1	<1	<1
	1/7/2008 Dup	<0.23	<0.32	<0.22	180	<0.32	<0.36	<0.32	<0.27	1.1	<0.36	<0.17	<0.19	7.7	<0.32	<0.34	1.4	<0.14	<0.35	0.53	<0.21	<0.24	<0.24	<0.24
VW-58-19 (VW-58-I)	1998 4thQ	--	--	--	5400	--	--	--	--	3.7	--	--	--	210	--	ND	4.1	--	--	1.9	--	--	1.9	--
	1999 1stQ	ND	ND	ND	3700	ND	ND	ND	ND	0.69	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	4300	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	4400	ND	ND	ND	ND	2.1	ND	ND	ND	150	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	4700	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	3500	ND	ND	ND	ND	ND	ND	ND	ND	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	3400	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<6.4	<8.7	<6	3400	<8.8	<9.8	<8.8	<7.3	<11	<9.8	<4.7	<5.2	160	<8.7	<9.2	<9.2	<3.9	<9.4	<9.2	<5.8	<6.7	<6.7	<6.7
	2000 4thQ	<0.64	<0.87	<0.6	2900	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	130	<0.87	<0.92	0.71	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<3.2	<4.3	<3	2500	<4.4	<4.9	<4.4	<3.7	8	<4.9	<2.3	<2.6	130	<4.3	<4.6	8.9	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 2ndQ	<3.2	<4.3	<3	1900	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	110	<4.3	<4.6	6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<3.2	<4.3	<3	1700	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	110	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 4thQ	<16	<22	<15	1900	<22	<24	<22	<18	<27	<24	<12	<13	120	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	2002 1stQ	<3.2	<4.3	<3	1200	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	120	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 2ndQ	--	--	--	810	--	--	--	--	ND	--	--	--	10	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<3.2	<4.3	<3	910	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	99	19	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 4thQ	<3.9	<5.3	<3.7	1300	<5.4	<6	<5.4	<4.5	<6.5	<6	<2.9	<3.2	130	<5.3	<5.7	<5.7	<2.4	<5.8	<5.7	<3.6	<4.1	<4.1	<4.1
	2003 1stQ	--	--	--	1200	--	--	--	--	2	--	--	--	110	--	ND	1.6	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	980	--	--	--	--	1.6	--	--	--	83	--	ND	1.6	--	--	--	--	--	--	--
	2003 3rdQ	<0.81	<1.1	<0.76	710	<1.1	<1.3	<1.1	<0.94	6.6	<1.3	<0.6	<0.67	85	<1.1	<1.2	4.5	<0.5	<1.2	1.5	<0.75	<0.85	<0.85	<0.85
	2003 4thQ	<0.78	<1.1	<0.73	590	<1.1	<1.2	<1.1	<0.89	4.9	<1.2	<0.57	<0.64	65	<1.1	1.1	4.7	<0.47	<1.1	1.8	<0.71	<0.81	<0.81	<0.81
	12/27/2005	<1.2	<1.6	<1.1	480	<1.6	<1.8	<1.6	<1.3	8.9 C	<1.8	<0.86	<0.96	100	<1.6	1.8 C	8.2 C	<0.71	<1.7	3.2 C	<1.1	<1.2	<1.2	<1.2
	12/14/2006	<4.0	<5.4	<3.8	280	<5.5	<6.1	<5.5	<4.6	<6.7	<6.1	<3.0	<3.3	42	<5.5	<5.8	<5.8	<2.4	<5.9	<5.8	<3.7	<4.2	<4.2	<4.2

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																										
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																			
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-58-19 (VW-58-I)	3/14/2007	0.91	5.7 V,J11	<0.14	7.54	80.4	<0.14	12.1	<3.5	<2.8	<1.9	<2.7	<15	2.3	<1.8	<2.1	1	<2.3	<1.8	<1.8	<2.0	<2.0	<2.4	<1.8	<1.5	<1.8	14	3.9
	6/30/2007	0.81	8.6	<0.16	5.34	81.1	<0.16	13.6	<7.6	<6.1	<4.0	<6.0	<33 *	3.4	4.9	<4.5	<2.0	<5.0	<4.0	<3.9	<4.4	<4.5 L	<5.3	<4.0	<3.2	<3.9	17	18
	9/20/2007	<0.80	5.4	<0.16	4.4	81.2	<0.16	14.4	<6.5	<5.2	<3.4	<5.1	<28	2.9	<3.4	<3.8	<1.7	<4.3	<3.4	<3.3	<3.7	<19	<4.5	<3.4	<2.7	<3.3	15	8.1
	1/7/2008	2.3	<1.5	<0.15	22.1	77.9	<0.15	<0.15	<0.71	<0.57	<0.38	<0.55	16	<0.26	<0.37	<0.42	<0.19	0.77	<0.37	<0.36	<0.41	<2.1	1	<0.37	<0.3	<0.36	<0.27	2.3
	6/17/2008	1.7	<1.7	<0.17	22.1	77.8	<0.17	<0.17	<0.73	<0.59	<0.39	<0.57	41	<0.27	<0.38	<0.44	<0.2	<0.49	<0.38	<0.37	<0.42	<2.1	3	<0.38	<0.31	<0.37	<0.28	13
	12/29/2008	1.6	5.8	<0.13	13.5	78.9	<0.13	7.54	<1.9	<1.6	<1	<1.5	<8.4	2.4	<1	<1.1	<0.52	<1.3	<1	<0.98	<1.1	<5.6	<1.3	<1	<0.81	<0.98	4.3	1.5
VW-58-29 (VW-58-D)	1998 4thQ	0.53	100	--	--	--	--	--	--	ND	--	--	7.6	1.2	--	--	0.89	3.3	--	1.9	--	--	--	1.9	8.9	--	22	ND
	1999 1stQ	0.99	25	--	--	--	--	--	ND	ND	ND	ND	47	0.45	ND	ND	ND	1.8	ND	0.74	ND	ND	87	1.2	3.9	ND	9.2	0.98
	1999 2ndQ	0.65	22	--	--	--	--	--	ND	ND	ND	ND	6	0.53	ND	ND	ND	ND	ND	ND	ND	ND	1.5	1.1	4.9	ND	11	2.1
	1999 3rdQ	ND	11	--	--	--	--	--	ND	ND	ND	ND	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND	9	ND
	1999 4thQ	0.81	19	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.5	ND
	2000 1stQ	0.9	12	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.6	ND
	2000 2ndQ	ND	31	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	ND	6.4	ND
	2000 3rdQ	0.7	17	--	--	--	--	--	<48	<39	<26	<38	<42	<18	<25	<29	<13	<32	<25	<25	<28	<28	<34	<25	<20	<25	<18	<31
	2000 4thQ	<0.5	12	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.5	<0.71	<1	<1.2	0.39	<1.3	<1	<0.99	<1.1	<1.1	<1.4	<1	3.3	<0.99	5	<1.3
	2001 1stQ	0.78	210	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	42	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 2ndQ	<0.5	50	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 3rdQ	0.56	68	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 4thQ	0.67	10	--	--	--	--	--	<48	<39	<52	<38	<42	<36	<25	<29	<39	<32	<25	<25	<28	<28	<34	<25	<20	<25	<18	<31
	2002 1stQ	<0.5	16	--	--	--	--	--	<9.7	<7.8	<10	<7.6	18	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 2ndQ	ND	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2002 3rdQ	0.71	10	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	11	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 4thQ	1.1	12	--	--	--	--	--	<12	<9.6	<6.3	<9.3	<10	<4.4	<6.2	<7.1	<3.2	<7.9	<6.2	<6.1	<6.8	<7	<8.3	<6.2	<5	<6.1	<4.5	<7.7
	2003 1stQ	0.86	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 2ndQ	0.85	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	2003 3rdQ	0.82	18	--	--	--	--	--	<2.5	<2	<1.3	<1.9	<11	3.4	<1.3	<1.5	<0.67	5.7	<1.3	<1.3	<1.4	<1.5	2.1	<1.3	1.6	<1.3	2.7	<1.6
	2003 4thQ	1.1	8.4	--	--	--	--	--	<2.3	<1.9	<1.2	<1.8	<10	3.8	<1.2	<1.4	<0.63	<1.6	<1.2	<1.2	<1.3	<1.4	<1.6	<1.2	<0.99	<1.2	2.2	<1.5
	12/27/2005	5.6	<0.71	<0.14	3.87	82.1	<0.14	14.1	<3.4	<2.8	<1.8	<2.7	<15 C	2.3	<1.8	<2.0	2.1	3.3	<1.8	<1.8	<2.0	<2.0	<2.4	<1.8	<1.5	<1.8	19	6.1 C
	12/14/2006	2.5	<1.5	<0.15	21	77.9	<0.15	1.07	<0.75	<0.60	<0.40	<0.58	15	0.41	<0.39	0.48	<0.20	0.61	<0.39	<0.38	<0.43	<0.44	1.7	<0.39	<0.32	<0.38	1	4.5
	3/14/2007	2.3	1.7 V	<0.15	20.9	78.1	<0.15	1.07	<0.75	<0.61	<0.40	<0.59	8.9	0.29	<0.39	<0.45	<0.20	<0.50	<0.39	<0.38	<0.43	1.5 M,D	2.1	<0.39	<0.32	<0.38	0.75	22
	6/30/2007	<0.84	8.7	<0.17	5.53	80.7	<0.17	13.8	<4.0	<3.3	<2.2	<3.2	<18 *	2.3	<2.1	<2.4	1.2	<2.7	<2.1	<2.1	<2.3	2.5 M	<2.8	<2.1	<1.7	<2.1	20	14
	9/27/2007	<0.79	5	<0.16	4.41	81	<0.16	14.6	<3.8	<3.1	<2.0	<3.0	<17	1.9	<2.0	<2.3	1.2	<2.5	<2.0	<1.9	<2.2	<11	<2.7	<2.0	<1.6	<1.9	16	8.5
	1/7/2008	2	<1.6	<0.16	20.7	78.2	<0.16	1.1	<0.77	<0.62	<0.41	<0.6	12	0.32	<0.4	<0.45	<0.21	0.91	<0.4	<0.39	<0.44	<2.2	1.6	<0.4	<0.32	<0.39	0.67	6.7
	6/17/2008	1.6	<1.7	<0.17	22.1	77.8	<0.17	<0.17	<0.71	<0.57	<0.38	<0.55	11	<0.26	<0.37	<0.42	<0.19	3.3 U	<0.37	<0.36	<0.4	<2.1	1.8 U	<0.37	<0.3	<0.36	<0.27	8.2
	12/29/2008	2.3	5.9	<0.15	15.7	79	<0.15	5.24	<0.64	<0.52	<0.34	<0.5	11	1.1	<0.34	<0.38	0.24	<0.43	<0.34	<0.33	<0.37	<1.9	1.7	<0.34	0.31	<0.33	2.5	3
VW-61-08 (VW-61-S)	1998 4thQ	2.2	47	--	--	--	--	--	--	--	--	--	12	--	--	--	--	--	--	0.67	--	--	--	--	1.3	--	1.6	--
	1999 1stQ	1.6	26	--	--	--	--	--	4	ND	ND	1.4	59	ND	ND	0.91	ND	3.8	ND	1.8	ND	ND	7.8	ND	0.71	ND	2.3	1.5
	1999 2ndQ	0.72	11	--	--	--	--	--	ND	ND	ND	ND	8.5	ND	ND	ND	ND	2.7	ND	1.8	ND	ND	1.8	ND	ND	ND	2.7	ND
	1999 3rdQ	3	5.7	--	--	--	--	--	1.5	ND	1.8	ND	8.5	ND	ND	ND	ND	1.8	ND	ND	ND	1.1	1.6	ND	ND	ND	0.63	ND
	1999 4thQ	2.1	29	--	--	--	--	--	ND	ND	ND	ND	5.6	ND	ND	ND	ND	3.1	ND	0.7	1.5	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	0.88	9.5	--	--	--	--	--	ND	ND	ND	ND	8.6	ND	ND	ND	ND	15	ND	ND	ND	ND	9.5	ND	ND	ND	ND	ND
	2000 2ndQ	1.2	29	--	--	--	--	--	ND	ND	ND	ND	2.7	ND	ND	ND	ND	1.3	ND	ND	0.74	ND	4.8	ND	ND	ND	ND	ND
	2000 3rdQ	2.3	7.1	--	--	--	--	--	<1.9	<1.6	<1	<1.5	8.4	<0.71	<1	<1.2	<0.52	25	<1	<0.99	<1.1	<1.1	6.8	0.82	3.3	<0.99	<0.73	1.1
	2000 4thQ	1.5	9.3	--	--	--	--	--	2.3	<1.6	<1	<1.5	66	<0.71	<1	<1.2	<0.52	19	<1	1.2	3.4	8.9	14	<1	1.5	<0.99	<0.73	1.3
	2001 1stQ	1.9	110	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	1.7	<1.1	2.1	<1	<0.82	<0.99	<0.73	<1.3
	2001 2ndQ	0.82	33	--	--	--	--	--	<1.9	<1.6	<1	<1.5	5.9	<0.71	<1	<1.2	<0.52	9.4	<1	<0.99	<1.1	<1.1	2.4	<1	<0.82	<0.99	<0.73	<1.3
	2001 3rdQ	1.3	55	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	22	<1.4	<1	<1.2	<1.6	3.1	<1	<0.99	<1.1	<1.1	5.9	<1	<0.82	<0.99	<0.73	<1.3
	2001 4thQ	1.1	8.4	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	7.6	<1.4	<1	<1.2	<1.6	<1.3	<1	<0.99	1.6	<1.1	3.7	<1	<0.82	<0.99	<0.73	<1.3
	2002 1stQ	0.77	9.1	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	2.7	<1.4	<1	<1.2	<1.6	4.1	<1	<0.99	<1.1	<1.1	<1.4	<1	<0.82	<0.99	<0.73	<1.3
	2002 3rdQ	1.5	13	--	--	--	--	--	<2.4	<2	<1.3	<1.9	3.9	<0.89	<1.3	<1.4	<0.65	3.4	<1.3	<1.2	<1.4	<1.4	<1.7	<1.3	<1	<1.2	<0.92	<1.6
	2002 4thQ	2.4	11	--	--	--	--	--	<2.5	<2	<1.3	<2	3.7	<0.92	<1.3	<1.5	<0.67	<1.7	<1.3	<1.3	<1.4	<1.5	8.4	<1.3	<1.1	<1.3	<0.95	<1.6
	2003 3rdQ	1.7	8.8	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<11	<0.9	<1.3	<1.5	<0.66	10	<1.3	<1.2	<1.4	<1.4	1.9	<1.3	2	<1.2	<0.92	<1.6
	2003 4thQ	1.2	4.9	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	<10	<0.88	<1.3	<1.4	<0.65	<1.6	<1.3	<1.2	<1.4	<1.4	<1.7	<1.3	1.1	<1.2	<0.91	<1.6
	12/21/2005	30	3.7	<0.16	11.4	85	<0.16	3.59	<0.77 UJ2	<0.62 UJ2	<0.41 UJ2	<0.60 UJ2	38 M,J2,J6,C	<0.28 UJ2	<0.40 UJ2	0.88 J2	<0.21 UJ2	0.89 J2	<0.40 UJ2	<0.39 UJ2	<0.44 UJ2	<0.45 UJ2	3.0 J2	0.53 J2	<0.33 UJ2	<0.39 UJ2	0.43 J2	20 J2,C
	12/20/2006	8	<1.5	<0.15	6.32	87.2	<0.15	6.49	<0.72	<0.58	<0.38	<0.56	4.8	<0.26	<0.37	<0.43	<0.19 V	<0.48	<0.37	<0.37	<0.41	<0.42	0.98	<0.37	<0.30	<0.37	<0.27	3.6
	3/20/2007	2.9	3.6	<0.15	5.66	87.8	<0.15	6.53	<1.8	<1.5	<0.96	<1.4	<7.8	<0.66	<0.94	<1.1	<0.49	<1.2	<0.94	<0.92	<1.0	<1.1	2.6	<0.94	<0.76	<0.92	<0.68	90
	6/24/2007	3.1	7.3	<0.17	3.94	87.7	<0.17	8.33	<0.80	<0.65	<0.43	<0.63	4.2 *,V	<0.30	<0.42	<0.48	<0.22	0.76	<0.42	<0.41	<0.46	<0.47	0.65	<0.42	<0.34	<0.41	<0.30	6.5
	9/27/2007	2	1.6	<0.16	20.2	78.2	<0.16	1.64	<0.78	<0.63	<0.41	<0.61	38	0.29	<0.40	0.69	<0.21	5.6	<0.40	0.4	<0.44	<2.9V	15	<0.40	<0.33	<0.40	<0.29	43
	1/2/2008	2.4	1.8	<0.15	19.3	78.4	<0.15	2.23	<0.72	<0.58	<0.38	<0.56	12 M	0.3	<0.37	<0.43	<0.19	4.7	<0.37	0.5	<0.41	<2.1	1.2	<0.37	<0.3	<0.37	<0.27	4.9
	6/12/2008	1.8	<1.8	<0.18	21.8	77.9	<0.18	0.283	<0.76	<0.62	<0.41	<0.6	6.6	<0.28	<0.4	<0.45	<0.21	0.6	<0.4	<0.39	<0.44	<2.2	0.97	<0.4	<0.32	<0.39	<0.29	5.1
	1/14/2009	6.8	7.5	<0.16	16.3	77.9	<0.16	5.8	<0.68	<0.55	<0.36	<0.53	16	<0.25	<0.36	<0.41	<0.18	3.5	<0.36	<0.35	<0.39	<2	3	<0.36	<0.29	<0.35	<0.26	13
VW-61-19 (VW-61-I)	1998 4thQ	160	320	--	--	--	--	--	--	55	--	--	--	--	--	--	--	13	--	38	--	--	--	6.5	--	--	6.8	13
	1999 1stQ	44	70	--	--	--	--	--	ND	38	ND	ND	5.1	ND	ND	ND	ND	11	ND	42	ND	ND	ND	7.6	ND	ND	13	7.1
	1999 2ndQ	26	19	--	--	--	--	--	ND	28	ND	ND	150	ND	ND	ND	ND	140	ND	42	ND	56	200	6.4	ND	ND	15	4.3
	1999 3rdQ	15	6.8	--	--	--	--	--	ND	15	1	ND	ND	ND	ND	ND	ND	2.2	ND	36	ND	ND	1.1	3.5	ND	ND	12	1.9
	1999 4thQ	31	29	--	--	--	--	--	ND	25	ND	ND	11	ND	ND	ND	ND	27	ND	40	1.5	ND	2.7	5.3	ND	ND	9	2.4
	2000 1stQ	41	13	--	--	--	--	--	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	ND	ND	ND	4.5	ND	ND	6.6	1.9
	2000 2ndQ	91	36	--	--	--	--	--	ND	12	ND	ND	14	ND	ND	ND	ND	6.3	ND	32	0.87	ND	6.6	3	ND	ND	4.6	1.5
	2000 3rdQ	13	15	--	--	--	--	--	1.4	12	<1	<1.5	12	<0.71	<1	<1.2	<0.52	19	<1	30	4.7	<1.1	5.4	3.3	<0.82	<0.99	4.2	1.8
	2000 4thQ	18	15	--	--	--	--	--	<9.7	8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	23	<5.5	<5.7	<6.8	<5	<4.1	<4.9	2.9	<6.3
	2001 1stQ	39	150	--	--	--	--	--	<1.9	7.4	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	<1.3	<1	22	2	<1.1	2.9	1.7	<0.82	<0.99	2.5	1.7
	2001 2ndQ	6.7	54	--	--	--	--	--	<1.9	7.5	<1	<1.5	2.6	<0.71	<1	<1.2	<0.52	<1.3	<1	20	<1.1	<1.1	<1.4	1.8	<0.82	<0.99	1.9	<1.3
	2001 3rdQ	7	120	--	--	--	--	--	<1.9	8.2	<2.1	<1.5	30	<1.4	<1	<1.2	<1.6	3.5	<1	20	<1.1	<1.1	12	1.8	<0.82	<0.99	2	<1.3
	2001 4thQ	9	9.4	--	--	--	--	--	<1.9	9.3	<2.1	<1.5	3	<1.4	<1	<1.2	<1.6	1.6	<1	24	2.5	<1.1	5.9	2.1	<0.82	<0.99	1.8	<1.3
	2002 1stQ	12	11	--	--	--	--	--	<1.9	7.8	<2.1	<1.5	3	<1.4	<1	<1.2	<1.6	2.6	<1	23	<1.1	<1.1	2.5	2.4	<0.82	<0.99	1.3	<1.3
	2002 3rdQ	22	13	--	--	--	--	--	<2.4	4.7	<1.3	<1.9	38	<0.9	<1.3	<1.5	<0.66	<1.6	<1.3	18	<1.4	<1.4	<1.7	1.6	<1	<1.2	<0.92	<1.6
	2002 4thQ	50	12	--	--	--	--	--	<2.5	<5.7	<1.3	<1.9	12	<0.91	<1.3	<1.5	<0.67	1.7	<1.3	21	<1.4	<1.5	5.8	1.8	<1	<1.3	0.97	<1.6
	2003 3rdQ	2.3	13	--	--	--	--	--	<2.4	2.2	<1.3	<1.9	<11	<0.9	<1.3	<1.5	<0.66	<1.6	<1.3	14	<1.4	<1.4	2.3	<1.3	<1	<1.2	<0.92	<1.6

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-58-19 (VW-58-I)	3/14/2007	<1.1	<1.6	<1.1	250	<1.6	<1.8	<1.6	<1.3	5.7	<1.8	<0.85	<0.94	32	<1.6	<1.7	5.8	<0.70	<1.7	1.8	<1.0	<1.2	<1.2	<1.2
	6/30/2007	<2.5	<3.4	<2.3	420	<3.5	11	<3.5	<2.9	<4.2	<3.8	<1.8	<2.0	85	<3.4	<3.6	6.7	<1.5	<3.7	<3.6	<2.3	<2.6	<2.6	<2.6
	9/20/2007	<2.1	<2.9	<2.0	220	<2.9	<3.3	<2.9	<2.4	4.5	<3.3	<1.6	<1.7	46	<2.9	<3.1	<3.1	<1.3	<3.1	<3.1	<1.9	<2.2	<2.2	<2.2
	1/7/2008	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	4.7	<0.36	<0.17	<0.19	<0.22	<0.32	0.83	3.8	<0.14	<0.34	1.2	<0.21	<0.24	<0.24	<0.24
	6/17/2008	<0.24	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	3.1	0.96	<0.18	<0.2	13	<0.33	0.51	1.6	<0.15	<0.36	0.54	<0.22	<0.25	<0.25	<0.25
	12/29/2008	<0.63	<0.86	<0.59	78	<0.88	<0.97	<0.88	<0.73	4.2	<0.97	<0.47	<0.52	30	<0.86	<0.92	3	<0.38	<0.93	<0.92	<0.58	<0.66	<0.66	<0.66
VW-58-29 (VW-58-D)	1998 4thQ	--	--	--	4100	--	--	--	--	ND	--	--	--	190	--	ND	ND	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	2800	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	2500	ND	0.95	ND	0.47	13	3.1	ND	ND	120	ND	2.2	9.8	ND	ND	3.9	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	2700	ND	ND	ND	ND	1.7	ND	ND	ND	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	2800	ND	ND	ND	ND	ND	ND	ND	ND	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	2700	ND	ND	ND	ND	ND	ND	ND	ND	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	2500	ND	ND	ND	ND	ND	ND	ND	ND	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<16	<22	<15	2100	<22	<24	<22	<18	<27	<24	<12	<13	160	<22	<23	<23	<9.7	<23	<23	<15	<17	<17	<17
	2000 4thQ	<0.64	<0.87	<0.6	1800	<0.88	<0.98	<0.88	<0.73	1.2	<0.98	<0.47	<0.52	130	<0.87	<0.92	1.4	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<3.2	<4.3	<3	1300	<4.4	<4.9	<4.4	<3.7	14	<4.9	<2.3	<2.6	110	<4.3	<4.6	9.9	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 2ndQ	<3.2	<4.3	<3	1300	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	110	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 3rdQ	<3.2	<4.3	<3	1200	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	110	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 4thQ	<16	<22	<15	1200	<22	<24	<22	<18	92	<24	<12	<13	110	<22	<23	45	<9.7	<23	30	<15	<17	<17	<17
	2002 1stQ	<3.2	<4.3	<3	800	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	110	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 2ndQ	--	--	--	630	--	--	--	--	ND	--	--	--	74	--	ND	ND	--	--	--	--	--	--	--
	2002 3rdQ	<3.2	<4.3	<3	590	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	87	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2002 4thQ	<3.9	<5.3	<3.7	780	<5.4	<6	<5.4	<4.5	<6.5	<6	<2.9	<3.2	120	<5.3	<5.7	<5.7	<2.4	<5.8	<5.7	<3.6	<4.1	<4.1	<4.1
	2003 1stQ	--	--	--	750	--	--	--	--	2.6	--	--	--	95	--	ND	2.2	--	--	--	--	--	--	--
	2003 2ndQ	--	--	--	640	--	--	--	--	1.4	--	--	--	77	--	ND	ND	--	--	--	--	--	--	--
	2003 3rdQ	<0.81	<1.1	<0.76	570	<1.1	<1.3	<1.1	<0.94	6.7	<1.3	<0.6	<0.67	96	<1.1	<1.2	4.4	<0.5	<1.2	1.5	<0.75	<0.85	<0.85	<0.85
	2003 4thQ	<0.77	<1	<0.72	370	<1.1	<1.2	<1.1	<0.89	4.2	<1.2	<0.57	<0.63	59	<1.1	<1.1	4.1	<0.47	<1.1	1.6	<0.71	<0.81	<0.81	<0.81
	12/27/2005	<1.1	<1.5	<1.1	250	<1.6	<1.7	<1.6	<1.3	14 C	<1.7	<0.83	<0.92	43	<1.5	2.4 C	10 C	<0.69	<1.7	3.2 C	<1.0	<1.2	<1.2	<1.2
	12/14/2006	<0.24	<0.33	<0.23	3.5	<0.34	<0.38	<0.34	<0.28	4.5	<0.38	<0.18	<0.20	0.74	<0.33	0.64	2.6	<0.15	<0.36	0.88	<0.22	<0.26	<0.26	<0.26
	3/14/2007	<0.25	<0.34	<0.23	13	<0.34	<0.38	<0.34	<0.28	4.5	0.66	<0.18	<0.20	3.5	<0.34	0.95	3.9	<0.15	<0.36	1.2	<0.23	<0.26	<0.26	<0.26
	6/30/2007	<1.3	<1.8	<1.2	260	<1.8	<2.0	<1.8	<1.5	<2.2	<2.0	<0.98	<1.1	67	<1.8	<1.9	3	<0.81	<2.0	<1.9	<1.2	<1.4	<1.4	<1.4
	9/27/2007	<1.2	<1.7	<1.2	130	<1.7	<1.9	<1.7	<1.4	4.5	<1.9	<0.92	<1.0	39	<1.7	<1.8	2.2	<0.76	<1.8	<1.8	<1.1	<1.3	<1.3	<1.3
	1/7/2008	<0.25	<0.34	<0.24	14	<0.35	<0.39	<0.35	<0.29	5.1	<0.39	<0.19	<0.21	5.1	<0.34	0.71	3	<0.15	<0.37	0.98	<0.23	<0.26	<0.26	<0.26
	6/17/2008	<0.23	<0.32	<0.22	4.9	<0.32	<0.36	<0.32	<0.27	2.4	<0.36	<0.17	<0.19	2.4	<0.32	0.39	1.2	<0.14	<0.34	0.41	<0.21	<0.24	<0.24	<0.24
	12/29/2008	<0.21	<0.29	<0.2	23	<0.29	<0.32	<0.29	<0.24	6.7	<0.32	<0.16	<0.17	7.8	<0.29	0.97	3.8	<0.13	<0.31	1.1	<0.19	<0.22	<0.22	<0.22
VW-61-08 (VW-61-S)	1998 4thQ	--	--	--	2.5	--	--	--	--	--	--	--	--	38	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	1.4	ND	ND	ND	ND	2.3	0.63	ND	ND	17	ND	ND	0.88	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	1.4	ND	2.1	ND	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	13	ND	ND	ND	ND	2	ND	ND	ND	31	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	ND	ND	2.3	ND	ND	ND	ND	3.6	ND	ND	ND	25	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	ND	ND	1.7	ND	ND	ND	ND	7.2	ND	ND	ND	17	ND	1.9	9.3	ND	ND	4.1	ND	ND	ND	ND
	2000 2ndQ	ND	ND	ND	1.3	ND	ND	ND	ND	1.9	ND	ND	ND	12	ND	ND	2.5	ND	ND	1	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	2.7	<0.88	2	<0.88	<0.73	7.3	<0.98	<0.47	<0.52	26	<0.87	6	20	<0.39	<0.94	6.5	<0.58	<0.67	0.52	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	1.9	<0.88	1.4	<0.88	<0.73	31	<0.98	<0.47	<0.52	17	<0.87	19	55	<0.39	<0.94	22	<0.58	<0.67	0.65	6.2
	2001 1stQ	<0.64	<0.87	<0.6	0.91	<0.88	<0.98	<0.88	<0.73	8	<0.98	<0.47	<0.52	9.6	<0.87	2.1	9	<0.39	<0.94	2.7	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.64	<0.87	<0.6	1	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	13	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	<0.87	<0.6	1.9	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	21	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<0.64	<0.87	<0.6	1.3	<0.88	<0.98	<0.88	<0.73	2.9	<0.98	<0.47	<0.52	15	<0.87	<0.92	3.2	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.7	<0.98	<0.47	<0.52	9.4	<0.87	1.2	4.6	<0.39	<0.94	2	<0.58	<0.67	<0.67	<0.67
	2002 3rdQ	<0.8	<1.1	<0.75	1.5	<1.1	<1.2	<1.1	<0.92	<1.3	<1.2	<0.59	<0.65	19	<1.1	<1.2	<1.2	<0.48	<1.2	<1.2	<0.73	<0.83	<0.83	<0.83
	2002 4thQ	<0.82	<1.1	<0.77	1.3	<1.1	<1.3	<1.1	<0.95	6.5	<1.3	<0.61	<0.67	18	<1.1	<1.2	4.3	<0.5	<1.2	1.5	<0.75	<0.86	<0.86	<0.86
	2003 3rdQ	<0.8	<1.1	<0.75	1.5	<1.1	<1.2	<1.1	<0.92	5.2	<1.2	<0.59	<0.66	25	<1.1	<1.2	3.3	<0.49	<1.2	<1.2	<0.73	<0.84	<0.84	<0.84
	2003 4thQ	<0.79	<1.1	<0.74	<0.92	<1.1	<1.2	<1.1	<0.91	5	<1.2	<0.58	<0.65	12	<1.1	<1.1	4	<0.48	<1.2	1.3	<0.72	<0.83	<0.83	<0.83
	12/21/2005	<0.25 UJ2	<0.34 UJ2	<0.24 UJ2	2.3 J2	<0.35 UJ2	<0.39 UJ2	<0.35 UJ2	<0.29 UJ2	24 J2,C	<0.39 UJ2	<0.19 UJ2	<0.21 UJ2	15 J2	<0.35 UJ2	3.3 J2,C	14 J2,C	<0.15 UJ2	1.6 J2	4.7 J2,C	<0.23 UJ2	<0.26 UJ2	<0.26 UJ2	<0.26 UJ2
	12/20/2006	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	5.5	<0.36	<0.17	<0.19	1.6	<0.32	1.2	5.9	<0.14	0.52	2	<0.22	<0.25	<0.25	<0.25
	3/20/2007	<0.59	<0.81	<0.56	0.86	<0.82	<0.91	<0.82	<0.68	13	1.2	<0.44	<0.48	4.7	<0.81	2.7	11	<0.36	<0.88	3.5	<0.54	<0.62	<0.62	<0.62
	6/24/2007	<0.26	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.30	5	<0.41 V	<0.19	<0.22	<0.24	<0.36	1.5	7.7	<0.16	0.65	2.7	<0.24	<0.28	<0.28	<0.28
	9/27/2007	<0.25	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.29	6	0.71	<0.19	<0.21	0.34	<0.35	0.84	3.3	<0.15	0.82	1.2	<0.23	<0.27	<0.27	<0.27
	1/2/2008	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	3.6	<0.36	<0.17	<0.19	<0.22	<0.32	0.52	2	<0.14	<0.35	0.66	<0.22	<0.25	<0.25	<0.25
	6/12/2008	<0.25	<0.34	<0.23	<0.29	<0.35	<0.38	<0.35	<0.29	0.96	<0.38	<0.18	<0.2	<0.23	<0.34	<0.36	0.92	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	1/14/2009	<0.22	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	21	0.65	<0.17	<0.18	0.37	<0.31	4.2	17	<0.14	<0.33	5.1	<0.2	<0.23	<0.23	<0.23
VW-61-19 (VW-61-I)	1998 4thQ	--	57	--	--	--	23	--	--	5.7	--	--	--	26	--	6.5	15	--	--	--	--	--	--	--
	1999 1stQ	ND	65	ND	1.2	ND	ND	ND	ND	1.9	ND	ND	ND	25	ND	2.2	6.9	ND	ND	1.1	ND	ND	ND	ND
	1999 2ndQ	ND	63	ND	1.4	ND	15	ND	ND	6	ND	ND	ND	26	ND	1.9	6.4	ND	ND	1.5	ND	ND	ND	ND
	1999 3rdQ	ND	48	ND	1.8	ND	ND	ND	ND	0.72	ND	ND	ND	24	ND	ND	0.91	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	54	ND	1.6	ND	ND	ND	ND	4.1	ND	ND	ND	22	ND	0.61	2.2	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	49	ND	1.3	ND	ND	ND	ND	0.86	ND	ND	ND	18	ND	ND	1.7	ND	ND	0.91	ND	ND	ND	ND
	2000 2ndQ	ND	36	ND	1.1	ND	ND	ND	ND	2	ND	ND	ND	12	ND	ND	2.2	ND	ND	0.9	ND	ND	ND	ND
	2000 3rdQ	<0.64	34	<0.6	1.3	<0.88	1.7	<0.88	<0.73	2.4	<0.98	<0.47	<0.52	13	<0.87	1.2	5.3	<0.39	<0.94	2.2	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<3.2	27	<3	<3.7	<4.4	<4.9	<4.4	<3.7	4.8	<4.9	<2.3	<2.6	11	<4.3	<4.6	5	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	<3.3
	2001 1stQ	<0.64	26	<0.6	1	<0.88	<0.98	<0.88	<0.73	9.7	<0.98	<0.47	<0.52	11	<0.87	2.5	11	<0.39	<0.94	3.5	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.64	20	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	11	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	22	<0.6	1.2	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	11	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<0.64	24	<0.6	1.3	<0.88	<0.98	<0.88	<0.73	4.3	<0.98	<0.47	<0.52	11	<0.87	1.3	5.6	<0.39	<0.94	2.8	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	24	<0.6	1.3	<0.88	<0.98	<0.88	<0.73	8.1	<0.98	<0.47	<0.52	9.8	<0.87	2.6	11	<0.39	<0.94	4.4	<0.58	<0.67	<0.67	<0.67
	2002 3rdQ	<0.8	20	<0.75	1.2	<1.1	<1.2	<1.1	<0.92	<1.3	<1.2	<0.59	<0.66	9.6	<1.1	1.5	7.1	<0.49	<1.2	1.8	<0.73	<0.84	<0.84	<0.84
	2002 4thQ	<0.81	24	<0.76	1.4	<1.1	<1.3	<1.1	<0.94	4.9	<1.3	<0.6	<0.67	12	<1.1	<1.2	3.4	<0.5	<1.2	1.2	<0.75	<0.85	<0.85	<0.85
	2003 3rdQ	<0.8	14	<0.75	1.2	<1.1	<1.2	<1.1	<0.92	6.6	<1.2	<0.59	<0.66	9.2	<1.1	<1.2	4.5	<0.49	<1.2	1.5	<0.73	<0.84	<0.84	<0.84

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																								
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																	
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-61-19 (VW-61-I)	2003 4thQ	4.3	8.3	--	--	--	--	--	<2.5	2.6	<1.3	<1.9	<11	<0.9	<1.3	<1.5	<0.66	<1.6	<1.3	15	<1.4	<1.4	<1.7	<1.3	<1	<1.3	<0.93	<1.6
	12/21/2005	3.8	4.7	<0.15	12.6	80.2	<0.15	7.15	<0.74 UJ2	<0.60 UJ2	<0.39 UJ2	<0.58 UJ2	29 M,J2,J6,C	0.45 J2	<0.39 UJ2	2.9 J2	<0.20 UJ2	9.2 J2	<0.39 UJ2	2.3 J2	<0.42 UJ2	<0.43 UJ2	16 J2	<0.39 UJ2	0.33 J2	<0.38 UJ2	<0.28 UJ2	120 J2,C
	12/20/2006	4.8	4.9	<0.15	5	79.8	<0.15	15.2	<0.73	<0.59	<0.39	<0.57	14	0.51	<0.38	<0.43	<0.20 V	0.66	<0.38	6.3	<0.42	<0.43	0.69	1.3	1.1	<0.37	<0.28	2
	3/20/2007	2.9	4.8	<0.14	7.38	79.8	<0.14	12.8	<0.70	<0.56	<0.37	<0.55	3.5	1.1	<0.36	<0.41	<0.19	0.6	<0.36	4.2	<0.40	<0.41	0.69	0.9	0.56	<0.36	<0.26	11
	6/24/2007	2.5	12	<0.17	3.65	80.7	<0.17	15.7	<1.6	<1.3	<0.86	<1.3	27 *,V	<0.59	<0.84	<0.96	<0.44	52	<0.84	5.2	<0.93	14	29	1.1	0.75	<0.83	<0.61	27
	9/27/2007	3.1	4.1	<0.16	7.3	84.7	<0.16	8.04	<0.78	<0.63	<0.41	<0.61	13	<0.29	<0.41	<0.46	<0.21	0.52	<0.41	<0.40	<0.45	<2.3	<2.7	<0.41	<0.33	<0.40	<0.30	<0.41
	1/2/2008	7.6	3	<0.14	9.54	83.7	<0.14	6.74	<0.7	<0.56	<0.37	<0.55	5.7	<0.26	<0.36	<0.41	<0.19	<0.46	<0.36	<0.36	<0.4	<2	0.89	<0.36	<0.29	<0.36	<0.26	6.5
	6/12/2008	1.8	<1.6	<0.16	22.2	77.8	<0.16	<0.16	<0.7	<0.56	<0.37	<0.55	7.9	<0.26	<0.36	<0.41	<0.19	<0.46	<0.36	<0.36	<0.4	<2	1.8	<0.36	<0.29	<0.36	<0.26	3.1
	1/14/2009	2.3	5.2	<0.15	20.6	77.4	<0.15	2.04	<0.64	<0.52	<0.34	<0.5	14	<0.24	<0.33	<0.38	<0.17	<0.43	<0.33	0.86	<0.37	<1.9	1.8	<0.33	<0.27	<0.33	<0.24	4.1
VW-61-30 (VW-61-D)	1998 4thQ	44	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	39	--	--	--	--	--	--	20	--
	1999 1stQ	9.8	54	--	--	--	--	--	1.6	ND	ND	ND	3.4	ND	ND	ND	ND	ND	ND	37	ND	ND	ND	0.65	ND	ND	25	0.89
	1999 2ndQ	7.9	21	--	--	--	--	--	ND	ND	ND	ND	4.1	ND	ND	ND	ND	4.4	ND	38	ND	ND	ND	ND	ND	ND	30	0.89
	1999 3rdQ	5.1	10	--	--	--	--	--	ND	ND	0.87	ND	3.7	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	ND	ND	ND	19	ND
	1999 4thQ	4.4	25	--	--	--	--	--	ND	ND	ND	ND	5.8	ND	ND	ND	ND	ND	ND	41	ND	2.3	ND	ND	ND	ND	11	ND
	2000 1stQ	3.1	15	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ND	ND	ND	ND	ND	ND	8.8	ND
	2000 2ndQ	5.5	36	--	--	--	--	--	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	34	ND	ND	6.2	ND	ND	ND	6.8	ND
	2000 3rdQ	5.3	14	--	--	--	--	--	<1.9	<1.6	<1	<1.5	8	<0.71	<1	<1.2	<0.52	<1.3	<1	32	<1.1	<1.1	2.1	<1	<0.82	<0.99	6.4	<1.3
	2000 4thQ	3.2	16	--	--	--	--	--	<1.9	<1.6	<1	<1.5	8.4	<0.71	<1	<1.2	<0.52	<1.3	<1	30	8.7	<1.1	9.5	<1	<0.82	<0.99	4.7	1
	2001 1stQ	3.5	120	--	--	--	--	--	<1.9	<1.6	<1	<1.5	4.6	<0.71	<1	<1.2	<0.52	<1.3	<1	25	<1.1	<1.1	4.7	<1	<0.82	<0.99	3.6	<1.3
	2001 2ndQ	3	68	--	--	--	--	--	<1.9	<1.6	<1	<1.5	6.2	<0.71	<1	<1.2	<0.52	<1.3	<1	25	<1.1	<1.1	2.4	<1	<0.82	<0.99	3.4	<1.3
	2001 3rdQ	3.5	82	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	6.1	<1.4	<1	<1.2	<1.6	2.4	<1	26	<1.1	<1.1	3.1	<1	<0.82	<0.99	2.6	<1.3
	2001 4thQ	2.6	9.7	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	2.5	<1.4	29	<1.2	<1.6	<1.3	<1	<0.99	<1.1	<1.1	3.3	<1	<0.82	<0.99	2.2	<1.3
	2002 1stQ	3.1	11	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	2.8	<1.4	<1	<1.2	<1.6	4.8	<1	26	<1.1	<1.1	2	<1	<0.82	<0.99	1.7	<1.3
	2002 3rdQ	3.5	13	--	--	--	--	--	<2.4	<2	<1.3	<1.9	8.6	<0.89	<1.3	<1.4	<0.65	<1.6	<1.3	20	<1.4	<1.4	<1.7	<1.3	<1	<1.2	1.1	<1.6
	2002 4thQ	4.8	11	--	--	--	--	--	<2.5	<2	<1.3	<1.9	2.4	<0.91	<1.3	<1.5	<0.67	<1.6	<1.3	24	<1.4	<1.5	5	<1.3	<1	<1.3	1.4	<1.6
	2003 3rdQ	2.3	13	--	--	--	--	--	<2.5	<2	<1.3	<1.9	<11	<0.9	<1.3	<1.5	<0.66	<1.6	<1.3	17	<1.4	<1.4	3.3	1.3	<1	<1.3	<0.93	<1.6
	2003 4thQ	2.2	10	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	<10	<0.87	<1.2	<1.4	<0.64	<1.6	<1.2	18	<1.4	<1.4	<1.7	<1.2	<1	<1.2	<0.89	<1.5
	12/21/2005	3.4	4.7	<0.16	3.01 J8	82.2	<0.16	14.8 J8	<0.78 UJ2	0.67 J2	<0.41 UJ2	<0.61 UJ2	12 J2,C	0.55 J2	<0.40 UJ2	<0.46 UJ2,UJ8	<0.21 UJ2	2.5 J2,J8	<0.40 UJ2	6.3 J2	<0.44 UJ2	<0.45 UJ2,UJ8	2.7 J2,J8	0.49 J2	0.57 J2	<0.40 UJ2	<0.29 UJ2	14 J2,J8,C
	12/21/2005 Dup	3.4 J3	4.8 J3	<0.16 UJ3	10.4 J3,J8	80.3 J3	<0.16 UJ3	9.3 J3,J8	<0.76 UJ2,UJ3	0.63 J2,J3	<0.40 UJ2,UJ3	<0.59 UJ2,UJ3	9.7 J2,J3,C	0.66 J2,J3	<0.39 UJ2,UJ3	1.4 J2,J3,J8	<0.20 UJ2,UJ3	1.6 J2,J3,J8	<0.39 UJ2,UJ3	6.1 J2,J3	<0.43 UJ2,UJ3	1.9 M,J2,J3,J6,J8	1.5 J2,J3,J8	0.52 J2,J3	0.60 J2,J3	<0.39 UJ2,UJ3	<0.29 UJ2,UJ3	4.8 J2,J3,J8,C
	12/20/2006	3.4 J2	4 J2	<0.15 UJ2	3.75 J2	80.3 J2	<0.15 UJ2	15.9 J2	<0.74	<0.59	<0.39	<0.58	<3.2	0.37 J11	<0.38	<0.44	<0.20 V,UJ10	0.5	<0.38	7.1	<0.42	<0.43	<0.52	0.8	0.91	<0.38	<0.28	3.1
	3/20/2007	2.2	6.1	<0.15	5.04	80.1	<0.15	14.9	<0.74	<0.59	<0.39	<0.58	<3.2	0.64	<0.38	<0.44	<0.20	2.2	<0.38	5.6	<0.42	<0.43	<0.52	0.72	0.6	<0.38	<0.28	12
	6/24/2007	2.1	9.2	<0.15	4.62	80.4	<0.15	15	<1.5	<1.2	<0.78	<1.2	17 *	<0.54	<0.77	<0.88	<0.40	1.1	<0.77	5.7	<0.84	2.0 M	2.2	0.83	0.7	<0.75	<0.56	38
	9/27/2007	1.9	3.7	<0.16	13	79.2	<0.16	7.8	<0.77	<0.62	<0.41	1.1	36	0.31	<0.40	0.5	<0.21	7.1	<0.40	3	<0.44	<2.2	2.4	<0.40	0.45	<0.39	<0.29	20
	9/27/2007 Dup	2.1	4.1	<0.17	12.6	79.2	<0.17	8.24	<0.80	<0.65	<0.43	1.1	37	0.32	<0.42	0.51	<0.22	20	<0.42	3.3	<0.46	<2.3	3.4	<0.42	0.48	<0.41	<0.30	20
	1/2/2008	2.2	<1.7	<0.17	20.1	78.1	<0.17	1.81	<0.81	<0.65	<0.43	<0.63	6.3	1.4	<0.42	<0.48	<0.22	0.79	<0.42	0.69	<0.46	<2.4	0.81	<0.42	<0.34	<0.41	<0.31	9.2
	6/12/2008	1.7	<1.7	<0.17	22.1	77.8	<0.17	<0.17	<0.72	<0.58	<0.38	<0.56	12	0.32	<0.37	<0.43	<0.19	<0.47	<0.37	<0.37	<0.41	<2.1	1.3	<0.37	<0.3	<0.37	<0.27	10
	1/14/2009	130	13	<0.15	2.91	81.1	<0.15	16	<0.66	<0.53	<0.35	<0.52	6.7	<0.24	<0.34	<0.39	<0.18	<0.44	<0.34	43	<0.38	<1.9	1.1	<0.34	<0.28	<0.34	<0.25	2.7
VW-62-08 (VW-62-S)	1998 4thQ	28600	230	--	--	--	--	--	--	6.9	--	1.6	7.6	--	--	--	--	5.4	--	--	--	--	--	0.92	--	--	--	4.9
	1999 1stQ	39000	45	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2
	1999 2ndQ	35800	3.5	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	57500	54	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	56200	62	--	--	--	--	--	3.5	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	17	0.84	ND	ND	ND	2.6
	2000 1stQ	38300	40	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	61200	75	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	79600	150	--	--	--	--	--	<4.8	<3.9	<2.6	<3.8	<4.2	<1.8	<2.5	<2.9	<1.3	5	<2.5	<2.5	<2.8	<2.8	<3.4	2	<2	<2.5	<1.8	3.4
	2000 4thQ	68100	110	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	6.4	<5	<4.9	<5.5	<5.7	<6.8	5	<4.1	<4.9	<3.7	6.3
	2001 1stQ	82500	300	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 2ndQ	64200	130	--	--	--	--	--	<9.7	<7.8	<5.2	<7.6	<8.4	<3.6	<5	<5.8	<2.6	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 3rdQ	64800	220	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2001 4thQ	69600	77	--	--	--	--	--	<9.7	<7.8	<10	<7.6	<8.4	<7.1	<5	<5.8	<7.8	<6.4	<5	<4.9	<5.5	<5.7	<6.8	<5	<4.1	<4.9	<3.7	<6.3
	2002 1stQ	77000	65	--	--	--	--	--	<4.8	<3.9	<5.2	<3.8	<4.2	<3.6	<2.5	<2.9	<3.9	<3.2	<2.5	<2.5	<2.8	<2.8	<3.4	<2.5	<2	<2.5	<1.8	<3.1
	2002 3rdQ	69600	70	--	--	--	--	--	<13	<10	<6.7	<9.9	<11	<4.6	<6.6	<7.5	<3.4	<8.4	<6.6	<6.4	<7.2	<7.4	<8.8	<6.6	<5.3	<6.4	<4.8	<8.1
	2002 4thQ	52100	78	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	<2.1	<0.87	<1.2	<1.4	<0.64	<1.6	<1.2	<1.2	<1.4	<1.4	6.3	<1.2	<1	<1.2	<0.89	2.5
	2003 3rdQ	63700	200	--	--	--	--	--	<13	<11	<7	<10	<57	<4.8	<6.8	<7.8	<3.5	<8.7	<6.8	<6.7	<7.5	<7.7	<9.2	<6.8	<5.5	<6.7	<5	<8.5
	2003 4thQ	47300	120	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<11	<0.89	<1.3	<1.4	<0.65	1.9	<1.3	<1.2	<1.4	<1.4	2.5	<1.3	<1	<1.2	<0.92	1.8
	12/22/2005	90800	140	<0.15	1.92	76.7	<0.15	12.3	<18 UJ2	<14 UJ2	<9.4 UJ2	<14 UJ2	<77 UJ2,C	<6.5 UJ2	<9.2 UJ2	<11 UJ2	<4.8 UJ2	<12 UJ2	<9.2 UJ2	<9.0 UJ2	<10 UJ2	<10 UJ2	<12 UJ2	<9.2 UJ2	<7.5 UJ2	<9.0 UJ2	<6.7 UJ2	<11 UJ2,C
	12/21/2006	41100	160	<0.14	1.23	81	<0.14	13.7	<6.9	<5.6	<3.7	<5.4	<30	<2.5	<3.6	<4.1	<1.9	<4.6	<3.6	<3.5	<4.0	<4.1	<4.9	<3.6	<2.9	<3.5	<2.6	<4.5
	3/15/2007	29,400(1)	130 V,J11	<0.14	2.17	83.6	<0.14	11.3	<7.0	<5.6	<3.7	<5.5	<30	<2.6	<3.6	<4.1	<1.9	<4.6	<3.6	<3.6	<4.0	<4.1	<4.9	<3.6	<2.9	<3.6	<2.6	31
	3/15/2007 Dup	29,500(1)	130 V,J11	<0.15	2.12	83.6	<0.15	11.4	<15	<12	<7.8	<12	<64	<5.4	<7.7	<8.8	<4.0	<9.8	<7.7	<7.5	<8.4	120	<10	<7.7	<6.2	<7.5	<5.6	44
	6/30/2007	38,300(1)	150	<0.16	2.4	79.1	<0.16	14.6	<1.5	2.3	<0.80	<1.2	<6.5*	<0.55	<0.78	<0.89	<0.40	2.7	<0.78	<0.77	<0.86	<0.88	<1.1	1.7	<0.64	1	<0.57	16
	9/20/2007	45,800(1)	150	<0.15	2.51	76.2	<0.15	16.7	<20	<16	<11	<16	<88	<7.5	<11	<12	<5.5	<13	<11	<10	<12	<60	<14	<11	<8.6	<10	<7.7	<13
	1/7/2008	20700 (1)	120	<0.15	4.8	82.7	<0.15	10.4	<0.74	1.2	<0.39	<0.58	6.2	<0.27	<0.39	<0.44	<0.2	<0.49	<0.39	<0.38	<0.42	<2.2	1.2	0.84	<0.31	<0.38	<0.28	2.2
	6/11/2008	29400 (1)	130	<0.15	2.04	81.2	<0.15	13.8	<8	<6.5	<4.3	<6.3	<35	<2.9	<4.2	<4.8	<2.2	<5.3	<4.2	<4.1	<4.6	<23	<5.6	<4.2	<3.4	<4.1	<3	6.8
	1/20/2009	19400 (1)	100	<0.14	1.68	84.6	<0.14	11.7	<6	<4.8	<3.2	<4.7	<26	<2.2	<3.1	<3.6	<1.6	<4	<3.1	<3.1	<3.4	<18	<4.2	<3.1	<2.5	<3.1	<2.3	5.2
VW-62-18 (VW-62-I)	1998 4thQ	1400	98	--	--	--	--	--	--	<7.8	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	2700	35	--	--	--	--	--	ND	8.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	0.8
	1999 2ndQ	2320	29	--	--	--	--	--	ND	3.2	ND	ND	3.5	ND	ND	ND	ND	6.1	ND	ND	1.7	ND	ND	ND	ND	ND	ND	0.86
	1999 3rdQ	2060	3.4	--	--	--	--	--	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	1.4	ND	5.9	ND	ND	ND	ND	ND
	1999 4thQ	4970	12	--	--	--	--	--	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	20	ND	ND	ND	ND	ND
	2000 1stQ	5890	12	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	3270	25	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	4480	20	--	--	--	--	--	<1.9	<1.6	<1	<1.5	9	<0.71	1	<1.2	<0.52	6.9	<1	<0.99	<1.1	<1.1	2.8	0.65	<0.82	<0.99	<0.73	1.3
	2000 4thQ	4630	20	--	--	--	--	--	<1.9	1	<1	<1.5	1.7	<0.71	1	<1.2	0.41	<1.3	<1	<0.99	2.7	<1.1	3	<1	<0.82	<0.99	<0.73	1.3
	2001 1stQ	6680	210	--	--	--	--	--	<1.9	2	<1	<1.5	1.7	<0.71	1	<1.2	0.52	<1.3	<1	<0.99	3	<1.1	3.9	<1	<0.82	<0.99	<0.73	1.9
	2001 2ndQ	6420	60	--	--	--	--	--	<4.8	<3.9	<2.6	<3.8	<4.2	<1.8	<2.5	<2.9	<1.3	<3.2	<2.5	<2.5	<2.8	<2.8	8.7	<2.5	<2	3.2	<1.8	<3.1
	2001 3rdQ	4340	120	--	--	--	--	--	<4.8	<3.9	<5.2	<3.8	<4.2	<3.6	<2.5	<2.9	<3.9	<3.2	<2.5	<2.5	<2.8	<2.8	<3.4	<2.5	<2	<2.5	<1.8	<3.1
	2001 4thQ	3760	16	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	1.7	<1.4	1	<1.2	<1.6	11	<1	<0.99	1.7	<1.1	3.2	<1	<0.82	<0.99	<0.73	1.3
	2002 1stQ	4850	18	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	1.7	<1.4	1	<1.2	<1.6	1.9	<1	<0.99	<1.1	<1.1	2.4	<1	<0.82	<0.99	<0.73	1.3

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-61-19 (VW-61-I)	2003 4thQ	<0.81	17	<0.76	1.3	<1.1	<1.2	<1.1	<0.93	4	<1.2	<0.6	<0.66	9.6	<1.1	<1.2	3.5	<0.49	<1.2	1.2	<0.74	<0.85	<0.85	<0.85
	12/21/2005	<0.24 UJ2	0.37 J2	<0.23 UJ2	0.29 J2	<0.34 UJ2	0.52 J2	<0.34 UJ2	<0.28 UJ2	93 J2,C	<0.37 UJ2	<0.18 UJ2	<0.20 UJ2	0.45 J2	<0.33 UJ2	6.2 J2,C	21 J2,C	<0.15 UJ2	0.94 J2	7.8 J2,C	<0.22 UJ2	<0.25 UJ2	<0.25 UJ2	<0.25 UJ2
	12/20/2006	<0.24	1.6	<0.22	0.5	<0.33	<0.37	<0.33	<0.28	3.3	<0.37	<0.18	<0.20	3.8	<0.33	1.1	5.4	<0.15	0.51	2	<0.22	<0.25	<0.25	<0.25
	3/20/2007	<0.23	1.2	<0.22	0.46	<0.32	<0.35	<0.32	<0.26	5.3	0.35	<0.17	<0.19	3.9	<0.31	1.3	6.1	<0.14	0.39	1.9	<0.21	<0.24	<0.24	<0.24
	6/24/2007	<0.53	1.4	<0.50	<0.62	<0.74	3.2	<0.74	<0.61	4.2	1.4 V	<0.39	<0.43	3.6	<0.73	1.4	6.5	<0.32	<0.78	2.2	<0.49	<0.56	<0.56	<0.56
	9/27/2007	<0.26	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.30	3.7	0.65	<0.19	<0.21	<0.24	<0.35	0.57	2.4	<0.16	0.72	0.81	<0.23	<0.27	<0.27	<0.27
	1/2/2008	<0.23	<0.31	<0.22	<0.27	<0.32	<0.35	<0.32	<0.26	1	<0.35	<0.17	<0.19	<0.21	<0.31	<0.33	<0.33	<0.14	<0.34	<0.33	<0.21	<0.24	<0.24	<0.24
	6/12/2008	<0.23	<0.31	<0.21	<0.27	<0.32	<0.35	<0.32	<0.26	1.5	<0.35	<0.17	<0.19	<0.21	<0.31	<0.33	0.39	<0.14	<0.34	<0.33	<0.21	<0.24	<0.24	<0.24
	1/14/2009	<0.21	<0.29	<0.2	<0.25	<0.29	<0.32	<0.29	<0.24	14	<0.32	<0.16	<0.17	<0.2	<0.29	3.5	15	<0.13	<0.31	4.6	<0.19	<0.22	<0.22	<0.22
VW-61-30 (VW-61-D)	1998 4thQ	--	24	--	2.2	--	--	--	--	--	--	--	--	47	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	16	ND	1.8	ND	0.92	ND	ND	ND	1.1	ND	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	19	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	21	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 4thQ	ND	17	ND	1.3	ND	ND	ND	ND	2.1	ND	ND	ND	18	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
	2000 1stQ	ND	14	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	0.93	ND	ND	ND	ND	ND	ND	ND
	2000 2ndQ	ND	9	ND	1.3	ND	ND	ND	ND	1.5	ND	ND	ND	12	ND	ND	1.7	ND	ND	0.69	ND	ND	ND	ND
	2000 3rdQ	<0.64	11	<0.6	1.7	<0.88	1.1	<0.88	<0.73	1.3	<0.98	<0.47	<0.52	15	<0.87	<0.92	1.7	<0.39	<0.94	0.64	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	7.8	<0.6	1.6	<0.88	<0.98	<0.88	<0.73	7.5	<0.98	<0.47	<0.52	13	<0.87	1.8	7.1	<0.39	<0.94	2.6	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	6.2	<0.6	1.5	<0.88	<0.98	<0.88	<0.73	6.8	<0.98	<0.47	<0.52	13	<0.87	1.8	8.1	<0.39	<0.94	2.5	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<0.64	5.7	<0.6	1.4	<0.88	3	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	13	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 3rdQ	<0.64	6.6	<0.6	1.5	<0.88	<0.98	<0.88	<0.73	<1.1	<0.98	<0.47	<0.52	13	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2001 4thQ	<0.64	6.3	<0.6	1.8	<0.88	<0.98	<0.88	<0.73	1.8	<0.98	<0.47	<0.52	13	<0.87	<0.92	2.4	<0.39	<0.94	1.2	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	5.4	<0.6	1.7	<0.88	<0.98	<0.88	<0.73	3.6	<0.98	<0.47	<0.52	11	<0.87	<0.92	4.2	<0.39	<0.94	1.7	<0.58	<0.67	<0.67	<0.67
	2002 3rdQ	<0.8	4.3	<0.75	1.8	<1.1	<1.2	<1.1	<0.92	<1.3	<1.2	<0.59	<0.65	11	<1.1	<1.2	<1.2	<0.48	<1.2	<1.2	<0.73	<0.83	<0.83	<0.83
	2002 4thQ	<0.81	4.8	<0.76	2.2	<1.1	<1.3	<1.1	<0.94	4.2	<1.3	<0.6	<0.67	15	<1.1	<1.2	2.8	<0.5	<1.2	<1.2	<0.75	<0.85	<0.85	<0.85
	2003 3rdQ	<0.81	2.9	<0.76	16	<1.1	<1.2	<1.1	<0.93	4.6	<1.2	<0.6	<0.66	13	<1.1	<1.2	3.1	<0.49	<1.2	<1.2	<0.74	<0.85	<0.85	<0.85
	2003 4thQ	<0.78	2.7	<0.73	2	<1.1	<1.2	<1.1	<0.89	4.9	<1.2	<0.57	<0.64	13	<1.1	<1.1	3.7	<0.47	<1.1	1.3	<0.71	<0.81	<0.81	<0.81
	12/21/2005	<0.25 UJ2	0.57 J2	<0.24 UJ2	0.58 J2	<0.35 UJ2	<0.39 UJ2	<0.35 UJ2	<0.29 UJ2	11 J2,J8,C	<0.39 UJ2	<0.19 UJ2	<0.21 UJ2	2.5 J2,J8	<0.35 UJ2	1.8 J2,J8,C	6.2 J2,J8,C	<0.15 UJ2	0.67 J2	2.1 J2,J8,C	<0.23 UJ2	<0.27 UJ2	<0.27 UJ2	<0.27 UJ2
	12/21/2005 Dup	<0.25 UJ2,UJ3	0.76 J2,J3	<0.23 UJ2,UJ3	0.79 J2,J3	<0.34 UJ2,UJ3	<0.38 UJ2,UJ3	<0.34 UJ2,UJ3	<0.29 UJ2,UJ3	6.3 J2,J3,J8,C	<0.38 UJ2,UJ3	<0.18 UJ2,UJ3	<0.20 UJ2,UJ3	4.8 J2,J3,J8	<0.34 UJ2,UJ3	4.4 J2,J3,J8,C	4.9 J2,J3,J8,C	<0.15 UJ2,UJ3	<0.37 UJ2,UJ3	1.5 J2,J3,J8,C	<0.23 UJ2,UJ3	<0.26 UJ2,UJ3	<0.26 UJ2,UJ3	<0.26 UJ2,UJ3
	12/20/2006	<0.24	0.64	<0.23	0.86	<0.33	<0.37	<0.33	<0.28	4.3	<0.37	<0.18	<0.20	5.9	<0.33	1.1	5.5	<0.15	0.49	1.9	<0.22	<0.25	<0.25	<0.25
	3/20/2007	<0.24	0.49	<0.23	0.55	<0.33	<0.37	<0.33	<0.28	2.7	0.47	<0.18	<0.20	3.3	<0.33	0.63	2.8	<0.15	<0.36	0.91	<0.22	<0.25	<0.25	<0.25
	6/24/2007	<0.48	<0.66	<0.45	0.74	<0.67	<0.74	<0.67	<0.56	5.4	1	<0.36	<0.40	3.8	<0.66	1.4	7.8	<0.29	1.1	2.8	<0.44	<0.51	<0.51	<0.51
	9/27/2007	<0.25	<0.34	<0.24	0.34	<0.35	<0.39	<0.35	<0.29	3.8	<0.42	<0.39	<0.19	<0.21	2.2	<0.34	0.58	2.4	1534	<0.49	<0.83	<0.26	<0.26	<0.26
	9/27/2007 Dup	<0.26	<0.36	<0.25	0.36	<0.36	<0.40	<0.36	<0.30	3.8	<0.40	<0.19	<0.21	2.4	<0.36	0.57	2.4	<0.16	0.43	0.83	<0.24	<0.27	<0.27	<0.27
	1/2/2008	<0.27	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	29	<0.41	<0.2	<0.22	1.7	<0.36	2.7	12	<0.16	<0.39	3.3	<0.24	<0.28	<0.28	<0.28
	6/12/2008	<0.24	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	0.76	<0.36	<0.17	<0.19	0.46	<0.32	<0.34	0.8	<0.14	<0.35	<0.34	<0.22	<0.25	<0.25	<0.25
	1/14/2009	<0.22	0.54	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	10	0.5	<0.16	<0.18	3.7	<0.3	2.8	12	<0.13	<0.32	3.8	<0.2	<0.23	<0.23	<0.23
VW-62-08 (VW-62-S)	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--	--	4.5	--	--	1.3	--	--	3.9	5.5
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	ND	1.1	1.8
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	14	ND	4.1	ND	ND	3.3	ND	ND	4.9	8.8
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND	ND	12	1.5	5	ND	ND	2.9	ND	ND	5.2	7.6
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	4.3	ND	ND	2.5	ND	ND	2.6	3.7
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2
	2000 3rdQ	<1.6	<2.2	<1.5	<1.9	<2.2	<2.4	<2.2	<1.8	3.3	<2.4	<1.2	<1.3	<1.5	<2.2	<2.3	6.1	<0.97	<2.3	4.4	<1.5	<1.7	6.7	10
	2000 4thQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	4.5	<4.9	<2.3	<2.6	<3	<4.3	<4.6	5.4	<1.9	<4.7	4.6	<2.9	<3.3	3.8	5.4
	2001 1stQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	15	<4.9	<2.3	<2.6	<3	<4.3	<4.6	20	<1.9	<4.7	8.5	<2.9	<3.3	<3.3	8
	2001 2ndQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	<3	<4.3	<4.6	<4.6	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	6.8
	2001 3rdQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	<3	<4.3	<4.6	6	<1.9	<4.7	<4.6	<2.9	<3.3	5.9	9.4
	2001 4thQ	<3.2	<4.3	<3	<3.7	<4.4	<4.9	<4.4	<3.7	<5.3	<4.9	<2.3	<2.6	<3	<4.3	<4.6	5.9	<1.9	<4.7	<4.6	<2.9	<3.3	<3.3	6.8
	2002 1stQ	<1.6	<2.2	<1.5	<1.9	<2.2	<2.4	<2.2	<1.8	5.7	<2.4	<1.2	<1.3	<1.5	11	<2.3	6.3	<0.97	<2.3	2.9	<1.5	<1.7	2.5	4.1
	2002 3rdQ	<4.1	<5.6	<3.9	<4.8	<5.7	<6.3	<5.7	<4.8	<6.9	<6.3	<3.1	<3.4	<3.8	19	<6	<6	<2.5	<6.1	<6	<3.8	<4.3	5.9	10
	2002 4thQ	<0.78	<1.1	<0.73	<0.91	<1.1	<1.2	<1.1	<0.89	5.5	<1.2	<0.57	<0.64	<0.72	12	2.2	7	<0.47	<1.1	2.5	<0.71	<0.81	4.5	8.3
	2003 3rdQ	<4.3	<5.8	<4	<5	<6	<6.6	<6	<5	9.7	<6.6	<3.2	<3.5	<4	27	<6.2	8.4	<2.6	<6.3	<6.2	<3.9	<4.5	7.4	13
	2003 4thQ	<0.8	<1.1	<0.75	<0.93	<1.1	<1.2	<1.1	<0.92	6.9	<1.2	<0.59	<0.65	<0.74	14	1.6	5.6	<0.48	<1.2	2.3	<0.73	<0.83	2.9	6
	12/22/2005	<5.8 UJ2	<7.9 UJ2	<5.5 UJ2	<6.8 UJ2	<8.0 UJ2	<8.9 UJ2	<8.0 UJ2	<6.7 UJ2	16 J2,C	<8.9 UJ2	<4.3 UJ2	<4.8 UJ2	<5.4 UJ2	<7.9 UJ2	<8.4 UJ2,C	27 J2,C	<3.5 UJ2	<8.6 UJ2	11 J2,C	<5.3 UJ2	<6.1 UJ2	<6.1 UJ2	<6.1 UJ2
	12/21/2006	<2.3	<3.1	<2.1	<2.7	<3.2	<3.5	<3.2	<2.6	<3.8	<3.5	<1.7	<1.9	<2.1	7.0 M	<3.3	3.7	<1.4	<3.4	<3.3	<2.1	<2.4	<2.4	<2.4
	3/15/2007	<2.3	<3.1	<2.2	<2.7	<3.2	<3.5	<3.2	<2.6	<3.8	<3.5	<1.7	<1.9	<2.1	5.6	<3.3	4.6	<1.4	<3.4	<3.3	<2.1	<2.4	<2.4	<2.4
	3/15/2007 Dup	<4.8	<6.6	<4.5	<5.7	<6.7	<7.4	<6.7	<5.6	<8.1	<7.4	<3.6	<4.0	<4.5	<6.6	<7.0	<7.0	<2.9	<7.1	<7.0	<4.4	<5.1	<5.1	<5.1
	6/30/2007	<0.49	<0.67	<0.46	<0.58	<0.68	<0.76	<0.68	<0.57	1.2	<0.76	<0.36	<0.40	<0.46	11 M	0.84	2.7	<0.30	<0.73	1.4	<0.45	<0.52	<0.52	<0.52
	9/20/2007	<6.7	<9.1	<6.3	<7.8	<9.3	<10	<9.3	<7.7	<11	<10	<4.9	<5.5	<6.2	<9.1	<9.7	<9.7	<4.1	<9.9	<9.7	<6.1	<7.0	<7.0	<7.0
	1/7/2008	<0.24	<0.33	<0.23	<0.28	<0.34	<0.37	<0.34	<0.28	2.1	<0.37	<0.18	<0.2	<0.23	<0.33	0.47	1.7	<0.15	<0.36	0.71	<0.22	<0.25	<0.25	<0.25
	6/11/2008	<2.6	<3.6	<2.5	<3.1	<3.6	<4	<3.6	<3	<4.4	<4	<1.9	<2.2	<2.4	3.9 M	<3.8	<3.8	<1.6	<3.9	<3.8	<2.4	<2.8	<2.8	<2.8
	1/20/2009	<2	<2.7	<1.8	<2.3	<2.7	<3	<2.7	<2.3	15	<3	<1.5	<1.6	<1.8	<2.7	3.2	14	<1.2	<2.9	4.3	<1.8	<2.1	<2.1	<2.1
VW-62-18 (VW-62-I)	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	0.46	1.5	0.74	1.7	ND	ND	0.69	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	120	ND	ND	27	ND	ND	ND	0.42	1.1	0.82	3.8	ND	ND	2.3	ND	ND	ND	0.55
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	2.1	0.78	3.2	ND	ND	1.3	ND	ND	ND	1.1
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	0.44	1.6	ND	1.9	ND	ND	0.88	ND	ND	ND	0.86
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.73	0.64	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	1.3	<0.98	<0.47	<0.52	0.53	1	1.1	4.9	<0.39	<0.94	2	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.1	<0.98	<0.47	<0.52	0.41	1	0.78	3.2	<0.39	<0.94	1.2	<0.58	<0.67	<0.67	0.51
	2001 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	11	<0.98	<0.47	<0.52	1.2	1.4	2.8	13	<0.39	<0.94	4.3	<0.58	<0.67	<0.67	0.97
	2001 2ndQ	<1.6	<2.2	<1.5	<1.9	<2.2	3.5	<2.2	<1.8	8.1	<2.4	<1.2	<1.3	<1.5	3.2	<2.3	8.7	<0.97	<2.3	3.6	<1.5	<1.7	<1.7	<1.7
	2001 3rdQ	<1.6	<2.2	<1.5	<1.9	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	<1.5	<2.2	<2.3	5.3	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	2001 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.5	<0.98	<0.47	<0.52	<0.59	1.1	<0.92	3.8	<0.39	<0.94	1.9	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.1	<0.98	<0.47	<0.52	<0.59	<0.87	1.4	5.5	<0.39	<0.94	2.3	<0.58	<0.67	<0.67	<0.67

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																									
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																		
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-62-18 (VW-62-I)	2002 3rdQ	4840	16	--	--	--	--	--	<6.3	<5.1	<3.3	<4.9	<5.5	<2.3	<3.3	<3.7	<1.7	<4.2	<3.3	<3.2	<3.6	<3.7	<4.4	<3.3	<2.7	<3.2	<2.4	<4.1
	2002 4thQ	5220	21	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	9.2	<0.87	1.2	<1.4	<0.64	<1.6	<1.2	1.2	<1.4	<1.4	6	<1.2	<1	1.2	<0.89	<1.5
	2003 3rdQ	520	20	--	--	--	--	--	<2.5	<2	<1.3	<2	<11	<0.93	<1.3	<1.5	<0.68	<1.7	<1.3	<1.3	<1.4	<1.5	3.9	<1.3	<1.1	<1.3	<0.95	2.2
	2003 4thQ	4310	17	--	--	--	--	--	<2.4	<2	<1.3	<1.9	<11	<0.89	<1.3	<1.4	<0.65	<1.6	<1.3	<1.2	<1.4	<1.4	3	<1.3	<1	<1.2	<0.92	1.7
	12/22/2005	310	5.4	<0.15	6.3	82.1	<0.15	11.6	<0.72 UJ2	<0.58 UJ2	<0.38 UJ2	<0.56 UJ2	14 M,J2,J6,C	<0.27 UJ2	<0.38 UJ2	0.94 J2	<0.19 UJ2	0.89 J2	<0.38 UJ2	<0.37 UJ2	<0.41 UJ2	<0.42 UJ2	2.5 J2	<0.38 UJ2	<0.31 UJ2	<0.37 UJ2	<0.27 UJ2	3.4 J2,C
	12/21/2006	1.4	4.8	<0.15	1.72	82.4	<0.15	15.9	<0.71	<0.58	<0.38	<0.56	<3.1	<0.26	<0.37	<0.42	<0.19	0.59	0.45	<0.36	<0.41	<0.42	0.52	1.7	<0.30	<0.36	<0.27	4.2
	3/15/2007	7.5	7.2 V,J11	<0.15	2.76	82.6	<0.15	14.6	<2.8	<2.3	<1.5	<2.2	<12	<1.0	<1.5	<1.7	<0.77	<1.9	<1.5	<1.5	<1.6	<1.7	4.1	<1.5	<1.2	<1.5	<1.1	160
	6/30/2007	4.1	4.5	<0.16	5.26	82	<0.16	12.8	<0.76	<0.61	<0.40	<0.59	7.0 *,M	0.39	<0.39	<0.45	<0.20	0.69	<0.39	<0.39	<0.43	<0.44 L	0.74	<0.39	<0.32	<0.39	<0.29	16
	9/20/2007	2.1	3.1	<0.15	3.39	81.9	<0.15	14.7	<0.73	<0.59	<0.39	<0.57	9.0 M	0.43	<0.38	<0.43	<0.20	0.51	<0.38	<0.37	<0.42	<2.1	0.9	<0.38	<0.31	<0.37	<0.28	1
	1/7/2008	123	2.82	<0.15	10.7	80.2	<0.15	9.03	<0.73	0.611	<0.39	<0.57	8.3	0.309	<0.38	<0.43	<0.2	<0.48	<0.38	<0.37	<0.42	<2.1	1.35	<0.38	<0.31	<0.37	<0.28	7.1
	6/11/2008	<0.77	8.1	<0.15	1.87	82.9	<0.15	15.3	<0.66	<0.53	<0.35	<0.52	4.2 M	0.74	<0.34	<0.39	<0.18	0.54	<0.34	<0.34	<0.38	<1.9	0.84	<0.34	<0.28	<0.34	<0.25	15
	1/20/2009	1.1	9.8	<0.14	2.99	82.5	<0.14	14.5	<0.63	<0.51	<0.33	<0.49	11 M	0.6	<0.33	<0.37	<0.17	<0.42	<0.33	<0.32	<0.36	<1.8	2	<0.33	<0.27	<0.32	<0.24	6.4
VW-62-29 (VW-62-D)	1998 4thQ	1400	98	--	--	--	--	--	--	6.5	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	2100	30	--	--	--	--	--	ND	6.5	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	0.82
	1999 2ndQ	2650	28	--	--	--	--	--	ND	4.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND
	1999 3rdQ	4740	7.2	--	--	--	--	--	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	4.5	0.88	ND	ND	ND	ND
	1999 4thQ	4970	12	--	--	--	--	--	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	20	ND	ND	ND	ND	ND
	2000 1stQ	5070	16	--	--	--	--	--	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.87	ND	ND	2	ND	ND	ND	ND
	2000 2ndQ	5380	29	--	--	--	--	--	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND
	2000 3rdQ	6520	20	--	--	--	--	--	<1.9	1.5	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	7.3	<1	<0.99	<1.1	<1.1	1.2	2	<0.82	<0.99	<0.73	<1.3
	2000 4thQ	--	26	--	--	--	--	--	<1.9	1.3	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	3.4	<1	<0.99	1.8	<1.1	2.6	0.98	<0.82	<0.99	<0.73	<1.3
	2001 1stQ	6930	250	--	--	--	--	--	<1.9	<1.6	<1	<1.5	<1.7	<0.71	<1	<1.2	<0.52	<1.3	<1	<0.99	2.1	<1.1	2.5	<1	<0.82	<0.99	<0.73	<1.3
	2001 2ndQ	7240	68	--	--	--	--	--	<4.8	<3.9	<2.6	<3.8	<4.2	<1.8	<2.5	<2.9	<1.3	<3.2	<2.5	<2.5	<2.8	<2.8	<3.4	<2.5	<2	<2.5	<1.8	<3.1
	2001 3rdQ	7020	130	--	--	--	--	--	<4.8	<3.9	<5.2	<3.8	<4.2	<3.6	<2.5	<2.9	<3.9	<3.2	<2.5	<2.5	<2.8	<2.8	<3.4	<2.5	<2	<2.5	<1.8	<3.1
	2001 4thQ	6050	20	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	<1.7	<1.4	<1	<1.2	<1.6	<1.3	<1	<0.99	1.4	<1.1	2.7	<1	<0.82	<0.99	<0.73	<1.3
	2002 1stQ	4940	17	--	--	--	--	--	<1.9	<1.6	<2.1	<1.5	5.5	<1.4	<1	<1.2	<1.6	<1.3	<1	<0.99	2.5	<1.1	2.9	<1	<0.82	<0.99	<0.73	<1.3
	2002 3rdQ	5470	17	--	--	--	--	--	<6.2	<5	<3.3	<4.9	<5.4	<2.3	<3.2	<3.7	<1.7	<4.1	<3.2	<3.2	<3.6	<3.6	<4.3	<3.2	<2.6	<3.2	<2.3	<4
	2002 4thQ	5330	21	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	4.8	<0.87	<1.2	<1.4	<0.64	<1.6	<1.2	<1.2	<1.4	<1.4	5.3	<1.2	<1	<1.2	<0.89	<1.5
	2003 3rdQ	2.6	16	--	--	--	--	--	<2.5	<2	<1.3	<2	<11	<0.93	<1.3	<1.5	<0.68	<1.7	<1.3	<1.3	<1.4	<1.5	<1.8	<1.3	<1.1	<1.3	<0.95	<1.6
	2003 4thQ	4770	19	--	--	--	--	--	<2.4	<1.9	<1.3	<1.9	<10	<0.87	<1.2	<1.4	<0.64	<1.6	<1.2	<1.2	<1.4	<1.4	6.1	<1.2	<1	<1.2	<0.89	<1.5
	12/22/2005	4.8 J8	<1.5	<0.15	21.8	78.2	<0.15	<0.15 UJ8	<0.73 UJ2	<0.59 UJ2	<0.39 UJ2	<0.57 UJ2	36 M,J2,J6,J8,C	0.35 J2	<0.38 UJ2	3.2 J2	<0.20 UJ2	0.56 J2	<0.38 UJ2	<0.37 UJ2	<0.42 UJ2	<0.43 UJ2	4.6 J2,J8	<0.38 UJ2	<0.31 UJ2	<0.37 UJ2	<0.28 UJ2	4.5 J2,J8,C
	12/22/2005 Dup	7.9 J8	<1.5	<0.15	21.1	78.4	<0.15	0.503 J8	<0.71 UJ2	<0.57 UJ2	<0.38 UJ2	<0.55 UJ2	21 M,J2,J6,J8,C	0.33 J2	<0.37 UJ2	3.3 J2	<0.19 UJ2	0.58 J2	<0.37 UJ2	<0.36 UJ2	<0.41 UJ2	<0.41 UJ2	3.3 J2,J8	<0.37 UJ2	<0.30 UJ2	<0.36 UJ2	<0.27 UJ2	8.8 J2,J8,C
	12/21/2006	22	4.3	<0.15	1.49	82.6	<0.15	15.9	<0.71	<0.57	<0.38	<0.55	<3.1	0.64	<0.37	<0.42	<0.19	<0.47	<0.37	<0.36	<0.41	<0.41	<0.50	<0.37	<0.30	<0.36	<0.27	3.2
	3/15/2007	1.4	6.5 V,J11	<0.15	1.56	82.7	<0.15	15.7	<0.75	<0.60	<0.40	<0.58	3.5	0.93	<0.39	<0.44	<0.20	<0.49	<0.39	<0.38	<0.43	1.6 M,J6	0.63	<0.39	<0.32	<0.38	<0.28	4.4
	6/30/2007	1.9	7.3	<0.15	13.1	80.1	<0.15	6.77	<0.74	<0.59	<0.39	<0.58	5.8 *	0.74	<0.38	<0.44	<0.20	<0.49	<0.38	<0.38	<0.42	<0.43 L	0.72	<0.38	<0.31	<0.38	<0.28	14
	9/20/2007	1.4	<1.5	<0.15	20.2	78.3	<0.15	1.47	<1.5	<1.2	<0.79	<1.2	<6.4	<0.54	<0.77	<0.88	<0.40	<0.98	<0.77	<0.76	<0.85	<4.3	1.1	<0.77	<0.63	<0.76	<0.56	4.9
	1/7/2008	3.1	<1.5	<0.15	21.9	77.8	<0.15	0.292	<0.74	<0.6	<0.39	<0.58	4.6	<0.27	<0.39	<0.44	<0.2	<0.49	<0.39	<0.38	<0.42	<2.2	1.4	<0.39	<0.31	<0.38	<0.28	12
	6/11/2008	1.1	8.1	<0.15	4.48	82.2	<0.15	13.3	<0.66	<0.53	<0.35	<0.51	3.3 M	1.1	<0.34	<0.39	<0.18	0.65	<0.34	<0.34	<0.38	<1.9	0.53	<0.34	<0.28	<0.34	<0.25	4.2
	1/20/2009	2.2	3.2	<0.13	19	78.7	<0.13	2.26	<0.58	<0.47	<0.31	<0.45	34	0.41	<0.3	0.35	<0.16	<0.38	<0.3	<0.3	<0.33	<1.7	2.2	<0.3	<0.25	<0.3	<0.22	2.6
	1/20/2009 Dup	2.0	6.5	<0.13	13.6	80.1	<0.13	6.25	<0.6	<0.48	<0.32	<0.47	55	0.65	<0.31	0.36	<0.16	<0.39	<0.31	<0.3	<0.34	<1.7	2.3	<0.31	<0.25	<0.3	<0.23	4.6
VW-62-Ambient	12/21/2006	2.3	<1.5	<0.15	22.2	77.7	<0.15	<0.15	<0.74	<0.60	<0.39	<0.58	8.7 M	<0.27	<0.39	<0.44	<0.20	<0.49	<0.39	<0.38	<0.42	<0.43	1.5	<0.39	<0.31	<0.38	<0.28	0.55
	6/30/2007	1.8	<1.6	<0.16	22.2	77.7	<0.16	<0.16	<0.77	<0.62	<0.41	<0.60	6.0 *,M	<0.28	<0.40	<0.45	<0.21	<0.51	<0.40	<0.39	<0.44	<0.45	0.89	<0.40	<0.32	<0.39	<0.29	0.51
	9/20/2007	1.4	<1.6	--	--	--	--	--	<0.76	<0.61	<0.40	<0.59	7.9	<0.28	<0.39	<0.45	<0.20	<0.50	<0.39	<0.39	<0.43	<2.2	<0.53	<0.39	<0.32	<0.39	<0.29	<0.49
	1/10/2008	3	<1.2	<0.12	22	77.9	<0.12	<0.12	<0.66	<0.54	<0.35	<0.52	10	0.26	<0.35	<0.39	<0.18	<0.44	<0.35	<0.34	<0.38	<1.9	0.97	<0.35	<0.28	<0.34	<0.25	0.93
	6/11/2008	1.6	<1.5	<0.15	22.1	77.9	<0.15	<0.15	<0.67	<0.54	<0.35	<0.52	8.5 M	<0.24	<0.35	<0.4	<0.18	<0.44	<0.35	<0.34	<0.38	<2	1.6	<0.35	<0.28	<0.34	<0.25	0.46
	1/20/2009	1.9	<1.5	<0.15	22.1	77.9	<0.15	<0.15	<0.65	<0.52	<0.35	<0.51	13 M	<0.24	<0.34	<0.39	<0.17	0.46	<0.34	<0.33	<0.37	<1.9	1.3	<0.34	<0.27	<0.33	<0.25	0.82

Notes:
Table contains historical and current data for the vapor monitoring wells that were identified in the project documents (CD, AROD, etc.) for monitoring purposes and do not include abandoned or destroyed locations/wells.
Compliance vapor well results with bold font in highlighted cells show concentrations that exceeded the Soil Gas Performance Standards or Indoor Air Threshold Levels.
ppmv = Parts per million by volume
ppbv = Parts per billion by volume
(%v/v) = Percent by volume
ND = Concentration of the constituent was not detected above the laboratory's reporting limit.
-- = Constituent not analyzed
QA/QC = Quality Assurance/Quality Control
If third-party QA/QC contractor applied qualifiers to data already qualified by laboratory, then third-party qualifiers were not applied to data in this table.
(1) = analyzed by EPA Method 3C instead of EPA Method 25C due to high TGNMO concentration.
Columbia Analytical Services Data Qualifiers
H = Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
M = Matrix interference; results may be biased high.
D = Duplicate precision not within the specified limits
J1 = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
V = The continuing calibration verification standard was outside the client specified limits for this compound.
L = Laboratory control sample recovery outside the specified limits; results may be biased high or low.
* = % RSD for the initial calibration exceeded client specified requirements.
Veridian Environmental Data Qualifiers ('U' indicates the laboratory result was below the method detection limit)
UJ = Detection limit may be biased low due to limitations identified during the quality assurance review (data validation)
J = Quantitation is approximate due to limitations identified during the quality assurance review (data validation)
UJ2 or J2 = Estimated value. Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
UJ3 or J3 = Estimated value. Container failed leak check process.
UJ4 or J4 = Estimated value. Low recoveries (<80%) were observed for one or more volatile surrogate compounds.
J5 = Estimated value. High recoveries (>120%) were observed for one or more volatile surrogate compounds.
J6 = Estimated value. Sample may be biased due to matrix interference.
J7 = Estimated value. High recovery (>113%) was observed for this compound (methane) in the associated laboratory control sample analysis
UJ8 or J8 = significant discrepancies observed between field duplicate pair sample analyses.
UJ10 or J10 = results may be higher than reported due to high percent differences coupled with decreases in intrument sensitivity in continuing calibration standards.
UJ11 or J11 = results may be biased high due to high percent differences coupled with increases in instrument sensitivity in continuing calibration standards.
TRC Data Qualifiers
UJ9 = Sample analysis had non-detect result higher than the IATLs or Soil Gas Performance Standards.
C = Analyte concentration was not verified by confirmation sampling results performed on representative samples collected from Compliance Vapor Wells VW-29-10 and VW-34-40 on June 8, 2006.

TABLE 4-3

SUMMARY OF ANALYTIC DATA FOR VAPOR MONITORING WELLS
1998 THROUGH 2008
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	Carbon Tetrachloride	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
VW-62-18 (VW-62-I)	2002 3rdQ	<2.1	<2.8	<1.9	<2.4	<2.9	<3.2	<2.9	<2.4	<3.5	<3.2	<1.5	<1.7	<1.9	<2.8	<3	<3	<1.3	<3.1	<3	<1.9	<2.2	<2.2	<2.2
	2002 4thQ	<0.78	1.1	<0.73	<0.91	<1.1	1.2	<1.1	<0.89	6.1	1.2	<0.57	<0.64	<0.72	<1.1	1.6	5.3	<0.47	<1.1	1.8	<0.71	<0.81	<0.81	<0.81
	2003 3rdQ	<0.83	<1.1	<0.78	<0.97	<1.1	<1.3	<1.1	<0.95	13	<1.3	<0.61	<0.68	<0.77	<1.1	2.2	9	<0.5	<1.2	3.2	<0.76	<0.87	<0.87	<0.87
	2003 4thQ	<0.8	<1.1	<0.75	<0.93	<1.1	<1.2	<1.1	<0.92	11	<1.2	<0.59	<0.65	<0.74	<1.1	2.2	8.5	<0.48	<1.2	3	<0.73	<0.83	<0.83	<0.83
	12/22/2005	<0.24 UJ2	<0.32 UJ2	<0.22 UJ2	<0.28 UJ2	<0.33 UJ2	<0.36 UJ2	<0.33 UJ2	<0.27 UJ2	26 J2,C	<0.36 UJ2	<0.17 UJ2	<0.19 UJ2	<0.22 UJ2	<0.32 UJ2	7.0 J2,C	24 J2,C	<0.14 UJ2	<0.35 UJ2	8.3 J2,C	<0.22 UJ2	<0.25 UJ2	<0.25 UJ2	<0.25 UJ2
	12/21/2006	<0.23	<0.32	<0.22	5.9	<0.32	<0.36	<0.32	<0.27	2.5	<0.36	<0.17	<0.19	3.1	<0.32	1.8	10	<0.14	<0.35	2.8	<0.21	<0.24	<0.24	<0.24
	3/15/2007	<0.94	<1.3	<0.88	29	<1.3	<1.4	<1.3	<1.1	2.8	<1.4	<0.69	<0.77	1.9	<1.3	<1.4	1.5	<0.57	<1.4	<1.4	<0.86	<0.98	<0.98	<0.98
	6/30/2007	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.29	1.2	<0.38	<0.18	<0.20	<0.23	<0.34	0.65	2.9	<0.15	<0.37	0.83	<0.23	<0.26	<0.26	<0.26
	9/20/2007	<0.24	<0.32	<0.22	<0.28	<0.33	<0.37	<0.33	<0.28	3.7	<0.37	<0.18	<0.20	<0.22	<0.33	0.42	1.7	<0.15	0.7	0.63	<0.22	<0.25	<0.25	<0.25
	1/7/2008	<0.24	<0.32	<0.22	<0.28	<0.33	<0.37	<0.33	<0.28	10.2	<0.37	<0.18	<0.2	<0.22	<0.33	1.35	5.61	<0.15	<0.35	1.8	<0.22	<0.25	<0.25	<0.25
	6/11/2008	<0.22	<0.3	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	0.51	0.41	<0.16	<0.18	0.30	<0.3	<0.31	0.57	<0.13	<0.32	<0.31	<0.2	<0.23	<0.23	<0.23
	1/20/2009	<0.21	<0.28	<0.19	<0.24	<0.29	<0.32	<0.29	<0.24	17	0.48	<0.15	<0.17	<0.19	<0.28	3.1	13	<0.13	<0.31	3.8	<0.19	<0.22	<0.22	<0.22
VW-62-29 (VW-62-D)	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--	--	--	--	--	--	--	--	--	--
	1999 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	0.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1999 3rdQ	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	0.38	ND	ND	2.3	ND	ND	1.7	ND	ND	ND	0.6
	1999 4thQ	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	2.1	0.78	3.2	ND	ND	1.3	ND	ND	ND	1.1
	2000 1stQ	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	1.5	ND	ND	0.69	ND	ND	ND	0.4
	2000 2ndQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2000 3rdQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3.4	<0.98	<0.47	<0.52	<0.59	<0.87	2.1	7.6	<0.39	<0.94	2.4	<0.58	<0.67	<0.67	<0.67
	2000 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	3	<0.98	<0.47	<0.52	<0.59	<0.87	0.71	2.7	<0.39	<0.94	1.1	<0.58	<0.67	<0.67	<0.67
	2001 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	7.7	<0.98	<0.47	<0.52	0.78	<0.87	2.1	9.6	<0.39	<0.94	3.2	<0.58	<0.67	<0.67	<0.67
	2001 2ndQ	<1.6	<2.2	<1.5	<1.9	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	<1.5	<2.2	<2.3	3.5	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	2001 3rdQ	<1.6	<2.2	<1.5	<1.9	<2.2	<2.4	<2.2	<1.8	<2.7	<2.4	<1.2	<1.3	<1.5	<2.2	<2.3	<2.3	<0.97	<2.3	<2.3	<1.5	<1.7	<1.7	<1.7
	2001 4thQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	2.1	<0.98	<0.47	<0.52	<0.59	<0.87	<0.92	3.1	<0.39	<0.94	1.5	<0.58	<0.67	<0.67	<0.67
	2002 1stQ	<0.64	<0.87	<0.6	<0.74	<0.88	<0.98	<0.88	<0.73	5.1	<0.98	<0.47	<0.52	<0.59	<0.87	1.3	4.9	<0.39	<0.94	2	<0.58	<0.67	<0.67	<0.67
	2002 3rdQ	<2	<2.8	<1.9	<2.4	<2.8	<3.1	<2.8	<2.3	<3.4	<3.1	<1.5	<1.7	<1.9	<2.8	<2.9	<2.9	<1.2	<3	<2.9	<1.9	<2.1	<2.1	<2.1
	2002 4thQ	<0.78	<1.1	<0.73	<0.91	<1.1	<1.2	<1.1	<0.89	4.2	<1.2	<0.57	<0.64	28	<1.1	<1.1	2.5	<0.47	<1.1	<1.1	<0.71	<0.81	<0.81	<0.81
	2003 3rdQ	<0.83	<1.1	<0.78	<0.97	<1.1	<1.3	<1.1	<0.95	5.8	<1.3	<0.61	<0.68	<0.77	<1.1	<1.2	4.1	<0.5	<1.2	1.5	<0.76	<0.87	<0.87	<0.87
	2003 4thQ	<0.78	<1.1	<0.73	<0.91	<1.1	1.4	<1.1	<0.89	8.1	56	<0.57	<0.64	<0.72	<1.1	1.6	5.9	<0.47	<1.1	2.1	<0.71	<0.81	<0.81	<0.81
	12/22/2005	<0.24 UJ2	<0.32 UJ2	<0.22 UJ2	<0.28 UJ2	<0.33 UJ2	0.40 J2	<0.33 UJ2	<0.28 UJ2	18 J2,J8,C	<0.37 UJ2	<0.18 UJ2	<0.20 UJ2	0.38 J2	<0.33 UJ2	1.9 J2,J8,C	6.2 J2,J8,C	<0.15 UJ2	0.59 J2	2.2 J2,J8,C	<0.22 UJ2	<0.25 UJ2	<0.25 UJ2	<0.25 UJ2
	12/22/2005 Dup	<0.23 UJ2	<0.32 UJ2	<0.22 UJ2	<0.27 UJ2	<0.32 UJ2	<0.36 UJ2	<0.32 UJ2	<0.27 UJ2	25 J2,J8,C	<0.36 UJ2	<0.17 UJ2	<0.19 UJ2	0.30 J2	<0.32 UJ2	3.4 J2,J8,C	12 J2,J8,C	<0.14 UJ2	0.77 J2	4.0 J2,J8,C	<0.21 UJ2	<0.24 UJ2	<0.24 UJ2	<0.24 UJ2
	12/21/2006	<0.23	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	2.4	<0.36	<0.17	<0.19	3.1	<0.32	0.96	5	<0.14	<0.34	1.9	<0.21	<0.24	<0.24	<0.24
	3/15/2007	<0.24	<0.33	<0.23	24	<0.34	<0.38	<0.34	<0.28	2.7	<0.38	<0.18	<0.20	9.4	<0.33	0.6	2.3	<0.15	<0.36	0.74	<0.22	<0.26	<0.26	<0.26
	6/30/2007	<0.24	<0.33	<0.23	2.4	<0.33	<0.37	<0.33	<0.28	4.2	<0.37	<0.18	<0.20	<0.22	<0.33	1.1	4.9	<0.15	<0.36	1.4	<0.22	<0.25	<0.25	<0.25
	9/20/2007	<0.49	<0.66	<0.46	<0.57	<0.67	<0.75	<0.67	<0.56	11	<0.75	<0.36	<0.40	<0.45	<0.66	0.79	3.2	<0.30	<0.72	0.96	<0.45	<0.51	<0.51	<0.51
	1/7/2008	<0.24	<0.33	<0.23	<0.28	<0.34	<0.37	<0.34	<0.28	21	<0.37	<0.18	<0.2	<0.23	<0.33	1.8	7.4	<0.15	<0.36	2.2	<0.22	<0.25	<0.25	<0.25
	6/11/2008	<0.22	<0.29	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	0.42	<0.33	<0.16	<0.18	<0.2	<0.29	<0.31	0.44	<0.13	<0.32	<0.31	<0.2	<0.23	<0.23	<0.23
	1/20/2009	<0.19	<0.26	<0.18	<0.22	<0.26	<0.29	<0.26	<0.22	7.5	<0.29	<0.14	<0.16	<0.18	<0.26	1.4	5.9	<0.12	<0.28	2	<0.17	<0.2	<0.2	<0.2
	1/20/2009 Dup	<0.2	<0.27	<0.18	<0.23	<0.27	<0.3	<0.27	<0.23	11	0.34	<0.14	<0.16	0.21	<0.27	2.5	10	<0.12	0.4	3.3	<0.18	<0.2	<0.2	<0.2
VW-62-Ambient	12/21/2006	<0.24	<0.33	<0.23	<0.28	<0.34	<0.37	<0.34	<0.28	1.6	<0.37	<0.18	<0.20	<0.23	<0.33	<0.35	0.95	<0.15	<0.36	<0.35	<0.22	<0.25	<0.25	<0.25
	6/30/2007	<0.25	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	1.7	<0.39	<0.19	<0.21	<0.23	<0.34	<0.36	0.9	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	9/20/2007	<0.25	<0.34	<0.23	<0.29	<0.34	<0.38	<0.34	<0.29	0.8	<0.38	<0.18	<0.20	<0.23	<0.34	<0.36	0.53	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	1/10/2008	<0.22	<0.3	<0.2	<0.26	<0.3	<0.33	<0.3	<0.25	2.6	<0.33	<0.16	<0.18	<0.2	<0.3	0.36	1.4	<0.13	<0.32	0.51	<0.2	<0.23	<0.23	<0.23
	6/11/2008	<0.22	<0.3	<0.21	<0.26	<0.3	<0.34	<0.3	<0.25	0.82	<0.34	<0.16	<0.18	<0.2	<0.3	<0.32	<0.32	<0.13	<0.32	<0.32	<0.2	<0.23	<0.23	<0.23
	1/20/2009	<0.21	<0.29	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	3.6	<0.33	<0.16	<0.17	<0.2	<0.29	0.52	1.9	<0.13	<0.31	0.7	<0.2	<0.22	<0.22	<0.22

Notes:
Table contains historical and current data for the vapor monitoring wells that were identified in the project documents (CD, AROD, etc.) for monitoring purposes and do not include abandoned or destroyed locations/wells.
Compliance vapor well results with bold font in highlighted cells show concentrations that exceeded the Soil Gas Performance Standards or Indoor Air Threshold Levels.
ppmv = Parts per million by volume
ppbv = Parts per billion by volume
(%v/v) = Percent by volume
ND = Concentration of the constituent was not detected above the laboratory's reporting limit.
-- = Constituent not analyzed
QA/QC = Quality Assurance/Quality Control
If third-party QA/QC contractor applied qualifiers to data already qualified by laboratory, then third-party qualifiers were not applied to data in this table.
(1) = analyzed by EPA Method 3C instead of EPA Method 25C due to high TGNMO concentration.
Columbia Analytical Services Data Qualifiers
H = Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
M = Matrix interference; results may be biased high.
D = Duplicate precision not within the specified limits
J1 = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
V = The continuing calibration verification standard was outside the client specified limits for this compound.
L = Laboratory control sample recovery outside the specified limits; results may be biased high or low.
* = % RSD for the initial calibration exceeded client specified requirements.
Veridian Environmental Data Qualifiers ('U' indicates the laboratory result was below the method detection limit)
UJ = Detection limit may be biased low due to limitations identified during the quality assurance review (data validation)
J = Quantitation is approximate due to limitations identified during the quality assurance review (data validation)
UJ2 or J2 = Estimated value. Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
UJ3 or J3 = Estimated value. Container failed leak check process.
UJ4 or J4 = Estimated value. Low recoveries (<80%) were observed for one or more volatile surrogate compounds.
J5 = Estimated value. High recoveries (>120%) were observed for one or more volatile surrogate compounds.
J6 = Estimated value. Sample may be biased due to matrix interference.
J7 = Estimated value. High recovery (>113%) was observed for this compound (methane) in the associated laboratory control sample analysis
UJ8 or J8 = significant discrepancies observed between field duplicate pair sample analyses.
UJ10 or J10 = results may be higher than reported due to high percent differences coupled with decreases in intrument sensitivity in continuing calibration standards.
UJ11 or J11 = results may be biased high due to high percent differences coupled with increases in instrument sensitivity in continuing calibration standards.
TRC Data Qualifiers
UJ9 = Sample analysis had non-detect result higher than the IATLs or Soil Gas Performance Standards.
C = Analyte concentration was not verified by confirmation sampling results performed on representative samples collected from Compliance Vapor Wells VW-29-10 and VW-34-40 on June 8, 2006.

TABLE 5-1

SUMMARY OF ANALYTICAL DATA FOR RESERVOIR GAS COLLECTION SYSTEM
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																										
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																			
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Gas Collection System Inlet (Carbon Vessel Inlet)	12/21/2005	180 J2	13 J2	<0.16 UJ2	12.8 J2	84.8 J2	<0.16 UJ2	2.4 J2	3.8 J2	<1.3 UJ2	<0.83 J2	<1.2 UJ2	<6.8 UJ2	0.78 J2	<0.82 UJ2	<0.93 UJ2	<0.42 UJ2	<1.0 UJ2	<0.82 UJ2	<0.80 UJ2	<0.90 UJ2	<0.92 UJ2	4.1 J2	<0.82 UJ2	<0.66 UJ2	<0.80 UJ2	<0.59 UJ2	7.5 J2	<0.52 UJ2
	1/12/2006	190	9.3	<0.17	12.9	84.6	<0.17	2.53	2.6	0.87	<0.43	<0.63	<3.5	0.82	<0.42	0.66	<0.22	<0.53	<0.42	<0.41	<0.46	<0.47	3.2	<0.42	0.52	<0.41	<0.30	15	<0.26
	11/30/2006	210	<1.6	<0.16	16.1	81.3	<0.16	2.57	4.7	1.3	<0.41	<0.60	29 M	0.76	<0.40	<0.45	<0.21	24	<0.40	<0.39	<0.44	<0.45	4.1	<0.40	1.2	<0.39	<0.29	2.3	<0.25
	12/27/2006	380	2.6	<0.16	13.1	83.7	<0.16	3.19	2.5	1.5	<0.40	<0.60	13 M	0.76	<0.40	<0.45	<0.20	0.61	<0.40	<0.39	<0.44	<0.45	3.8	<0.40	0.88	<0.39	<0.29	5.6	<0.25
	1/22/2007	380	4.1	<0.16	15.1	82.3	<0.16	2.54	5.1	0.99	<0.41	<0.61	8.4	0.61	<0.41	<0.46	<0.21	1.2	<0.41	<0.40	<0.45	<0.46	3.2	<0.41	0.73	<0.40	<0.30	4.4	<0.26
	2/22/2007	98	2.8	<0.14	16.6	80.9	<0.14	2.47	5.6	0.85	<0.35	<0.52	9.6 M	0.48	<0.35	<0.39	<0.18	1.4	<0.35	<0.34	<0.38	<0.39	2.1	<0.35	0.91	<0.34	<0.25	1.4	<0.22
	3/26/2007	88	3.2	<0.15	17	80.5	<0.15	2.53	<2.5	<2.0	<1.3	<1.9	15 M	<0.91	<1.3	<1.5	<0.67	4.2	<1.3	<1.3	<1.4	<1.5	4.2	<1.3	1.3	<1.3	<0.94	79	<0.82
	4/23/2007	210	2.7	<0.15	15.6	81.4	<0.15	2.93	1.2	3.7	<0.37	0.65	4.7	0.57	<0.37	<0.42	<0.19	1.2	<0.37	<0.36	<0.40	<0.41	3.1	<0.37	1.3	<0.36	<0.27	4.9	<0.23
	5/29/2007	180	4.0	<0.16	15.1	80.7	<0.16	4.12	3.0	2.9	<0.4	1.7	26 M*	1.0	<0.39	<0.45	<0.20	1.7	<0.39	<0.39	<0.43	<0.44	11	<0.39	2.3	<0.39	<0.29	2.0	<0.25
	6/26/2007	140	2.1	<0.16	16.5	80.1	<0.16	3.38	<0.76	4.2	<0.40	1.4	4.7 M	1.1	<0.40	<0.45	<0.20	0.87	<0.40	<0.39	<0.44	<0.45	2.8	0.45	3.3	<0.39	<0.29	21	<0.25
	7/25/2007	100	2.3	<0.20	16.0	80.2	<0.20	3.78	2.8	2.4	<0.62	<0.92	<5.1	1.2	<0.61	<0.70	<0.32	1.3	<0.61	<0.60	<0.67	<0.69	2.5	<0.61	3.6	<0.60	<0.44	1.9	<0.38
	8/30/2007	75	17	<0.16	16.4	79.9	<0.16	3.68	8.8	<6.1	<4.0	<5.9	7,000 H	<2.8	<3.9	<4.5	<2.0	9.9	<3.9	<3.9	<4.3	69 M	220	<3.9	<3.2	<3.9	<2.9	7.9	<2.5
	9/26/2007	1,200	9.3	<0.16	8.23	85.1	<0.16	6.55	<7.7 L,V	25 V	<4.1	<6.0	<33	3.6	<4.0	<4.5	<2.1	<5.1	<4.0	<3.9	<4.4	<22 V	<5.4	<4.0	3.4	<3.9	<2.9	28	<2.5
	10/16/2007	690	4.1	<0.16	10.1	84.4	<0.16	5.41	3.6	13	<0.40	<0.59	<3.3	1.6	<0.39	<0.45	<0.20	1.8	<0.39	<0.38	<0.43	<2.2	0.88	0.77	1.8	<0.38	<0.28	3.1	<0.25
	12/10/2007	190	4.5	<0.16	14.9	81.5	<0.16	3.57	3.3	1.4	<0.67	<0.98	10 M	0.80	<0.65	<0.74	<0.34	1.3	<0.65	<0.64	<0.72	<3.7	3.3	<0.65	1.5	<0.64	<0.47	65	<0.41
Gas Collection System Outlet (Carbon Vessel Outlet)	12/21/2005	180 J2	14 J2	<0.17 UJ2	13 J2	84.6 J2	<0.17 UJ2	2.4 J2	1.8 J2	3.4 J2	<0.85 UJ2	<1.3 UJ2	<6.9 UJ2	0.91 J2	<0.83 UJ2	<0.95 UJ2	<0.43 UJ2	<1.1 UJ2	<0.83 UJ2	<0.82 UJ2	<0.92 UJ2	<0.94 UJ2	2.0 J2	<0.83 UJ2	0.97 J2	<0.82 UJ2	<0.61 UJ2	5.6 J2	<0.52 UJ2
	1/12/2006	220	9.0	<0.17	12.4	84.9	<0.17	2.74	2.0	1.3	<0.43	<0.63	<3.5	0.80	<0.42	<0.48	<0.22	<0.54	<0.42	<0.41	<0.46	<0.47	2.4	<0.42	<0.34	<0.41	<0.31	8.1	<0.27
	11/30/2006	230	3.6	NA	NA	NA	NA	NA	0.84	0.87	<0.40	<0.60	9.9 M	0.73	<0.40	<0.45	<0.20	<0.50	<0.40	<0.39	<0.44	<0.45	1.6	<0.40	1.0	<0.39	<0.29	1.3	<0.25
	12/27/2006	410	3.3	<0.15	13.5	83.5	<0.15	3.02	0.85	1.3	<0.39	<0.57	8.6 M	0.77	4.8	9.1	0.68	<0.48	<0.38	<0.37	<0.42	<0.43	2.0	<0.38	0.88	<0.37	0.30	2.0	<0.24
	1/22/2007	430	3.2	<0.17	15.2	82.2	<0.17	2.57	3.8	0.76	<0.44	<0.64	16M	0.62	<0.43	<0.49	<0.22	<0.54	<0.43	<0.42	<0.47	<0.48	4.6	<0.43	0.58	<0.42	<0.31	4.8	<0.27
	2/22/2007	68	1.9	<0.16	16.8	80.8	<0.16	2.42	12	<0.61	<0.40	<0.60	22 M	0.53	<0.40	<0.45	<0.20	0.81	<0.40	<0.39	<0.44	<0.45	5.3	<0.40	0.66	<0.39	<0.29	0.79	<0.25
	3/26/2007	75	3.4	<0.15	17.1	80.4	<0.15	2.53	1.1	1.1	<0.39	<0.58	10 M	0.54	<0.38	<0.44	<0.20	<0.49	<0.38	<0.38	<0.42	<0.43	3.6	<0.38	0.87	<0.38	<0.28	4.0	<0.24
	4/23/2007	210	2.7	<0.15	15.7	81.4	<0.15	2.95	14	2.9	<0.39	3.3	24 M	0.58	<0.39	<0.44	<0.20	1.2	<0.39	<0.38	<0.42	<0.43	11	<0.39	1.8	<0.38	<0.28	1.9	<0.24
	5/29/2007	220	4.9	<0.16	15.0	80.7	<0.16	4.2	3	4.1	<0.40	11	38 M*	1.20	<0.39	0.67	<0.20	0.87	<0.39	0.56	<0.43	<0.44	24	<0.39	3.1	0.53	<0.29	4.9	<0.25
	6/26/2007	170	3.2	<0.15	16.2	80.3	<0.15	3.54	<0.72	6.5	<0.38	5.6	26 M	1.1	<0.37	<0.43	<0.19	0.85	<0.37	<0.37	<0.41	3.9 M	11	<0.37	0.50	<0.37	<0.27	8.5	<0.24
	7/25/2007	92	<2.3	<0.23	15.9	80.3	<0.23	3.85	3	5.3	<0.77	5.3	11	1.3	<0.75	<0.86	<0.39	<0.96	<0.75	<0.74	<0.83	<0.85	12	<0.75	3.40	<0.74	<0.55	1.4	<0.47
	8/30/2007	72	2.5	<0.15	16.4	79.9	<0.15	3.68	0.80	2.4	<0.39	3.6	15	1.2	<0.38	<0.43	<0.20	<0.49	<0.38	<0.37	<0.42	<2.1	9.2	<0.38	1.9	<0.37	<0.28	6.4	<0.24
	9/26/2007	1,100	6.5	<0.16	8.86	84.7	<0.16	6.28	<0.78 L	11	<0.41	8.3	19 M	2.6	<0.40	0.92	<0.21	0.89	<0.40	<0.40	<0.44	<2.3	11	<0.40	1.8	<0.40	<0.29	39	<0.25
	10/16/2007	710	4.5	<0.16	9.93	84.5	<0.16	5.43	1.1	6.2	<0.41	<0.60	<3.3	1.5	<0.40	<0.45	<0.21	0.54	<0.40	<0.39	<0.44	<2.2	1.2	<0.40	1.2	<0.39	<0.29	0.66	<0.25
	12/10/2007	170	2.9	<0.17	14.9	81.4	<0.17	3.63	1.5	0.73	<0.43	<0.63	28 M	0.42	<0.42	<0.48	<0.22	1.0	<0.42	<0.41	<0.46	<2.4	7.6	7.4	<0.34	<0.41	<0.31	53	<0.27
	4/13/2008	2,280	16.0	<0.13	17.6	80.1	<0.13	2.11	41.0	11	<0.78	3.2	84 M	0.68	<0.76	<0.87	<0.39	2.4	<0.76	<0.75	<0.84	<4.3	37.0	<0.76	<0.62	<0.75	<0.55	2	<0.48
	1/27/2009	10	4.3	<0.13	21.9	77.9	<0.13	0.222	13	5.3	<0.30	1.1	3.6	0.24	<0.29	<0.34	<0.15	1.1	<0.29	<0.29	<0.32	<1.7	2.3	<0.29	<0.24	<0.29	<0.21	<0.37	<0.19

Notes:
ppmv = Parts per million by volume
ppbv = Parts per billion by volume
(%v/v) = Percent by volume

Columbia Analytical Services Data Qualifiers
M = Matrix interference; results may be biased high.
J1 = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
V= The client required closing continuing calibration verification standard was outside (biased low) the method limits for this compound.
H = Sampled analyzed outside ofclient's specified holding time.
L = Laboratory control sample recovery outside the specified limits; results may be biased low.
* = The %RSD for the initial calibration exceeded client specified requirements.

Veridian Environmental Data Qualifiers ('U' indicates the laboratory result was below the method detection limit)
UJ2 or J2 = Estimated value. Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
UJ3 or J3 = Estimated value. Container failed leak check process.
UJ4 or J4 = Estimated value. Low recoveries (<80%) were observed for one or more volatile surrogate compounds.
J5 = Estimated value. High recoveries (>120%) were observed for one or more volatile surrogate compounds.
J6 = Estimated value. Sample may be biased due to matrix interference.
J7 = Estimated value. High recovery (>113%) was observed for this compound (methane) in the associated laboratory control sample analysis.
UJ8 or J8 = significant discrepancies observed between field duplicate pair sample analyses.

TRC Data Qualifiers
UJ9 = Compliance well sample analysis had non-detect result higher than the IATLs or Soil Gas Performance Standards.

TABLE 5-1

SUMMARY OF ANALYTICAL DATA FOR RESERVOIR GAS COLLECTION SYSTEM
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																				
		EPA Method TO-15																				
Sample Location	Sample Event Date	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Gas Collection System Inlet (Carbon Vessel Inlet)	12/21/2005	<0.70 UJ2	<0.48 UJ2	2.3 J2	<0.71 UJ2	<0.79 UJ2	<0.71 UJ2	<0.59 UJ2	4.4 J2	<0.79 UJ2	<0.38 UJ2	<0.42 UJ2	6.4 J2	<0.70 UJ2	23 J2	17 J2	<0.31 UJ2	<0.76 UJ2	4.6 J2	<0.47 UJ2	<0.54 UJ2	<0.54 UJ2	<0.54 UJ2
	1/12/2006	<0.36	<0.25	1.8	<0.36	<0.4	<0.36	<0.30	32	<0.40	<0.19	<0.21	3.5	<0.36	9.1	13	<0.16	<0.39	2.8	<0.24	<0.27	<0.27	<0.27
	11/30/2006	<0.34	<0.24	1.6	<0.35	2.5	<0.35	<0.29	1.1	0.52 M	<0.19	<0.21	4.4	<0.34	0.61	1.9	<0.15	<0.37	0.63	<0.23	<0.26	<0.26	<0.26
	12/27/2006	<0.34	<0.23	1.3	<0.35	0.89	<0.35	<0.29	2.3	0.42 M	<0.18	<0.20	5.1	<0.34	0.45	1.8	<0.15	<0.37	0.55	<0.23	<0.26	<0.26	<0.26
	1.22/2007	<0.35	<0.24	1.1	<0.35	0.46	<0.35	<0.30	1.8	0.40M	<0.19	<0.21	3.6	<0.35	0.57	2.3	<0.16	<0.38	0.75	<0.23	<0.27	<0.27	<0.27
	2/22/2007	<0.30	<0.20	1.2	<0.30	<0.33	<0.30	<0.25	2.0	<0.33	<0.16	<0.18	3.8	<0.30	1.0	5.0	<0.13	<0.32	1.1	<0.20	<0.23	<0.23	<0.23
	3/26/2007	<1.1	<0.77	1.2	<1.1	<1.3	<1.1	<0.94	1.9	1.4	<0.60	<0.67	5.7	<1.1	<1.2	1.3	<0.50	<1.2	<1.2	<0.75	<0.85	<0.85	<0.85
	4/23/2007	<0.31	<0.22	0.80	<0.32	<0.35	<0.32	<0.27	0.83	1.9	<0.17	<0.19	2.3	<0.31	<0.33	0.38	<0.14	<0.34	<0.33	<0.21	<0.24	<0.24	<0.24
	5//29/2007	<0.34	<0.23	1.1	<0.34	0.43	<0.34	<0.29	1.0	1.9V	<0.18	<0.20	3.2	<0.34	<0.36	0.79	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	6//26/2007	<0.34	<0.23	2.0	<0.35	<0.38	<0.35	<0.29	1.4	0.97	<0.18	<0.20	6.3	<0.34	1.2	4.4	<0.15	<0.37	5.3	<0.23	<0.26	<0.26	4.2
	7/25/2007	<0.52	<0.36	1.9	<0.53	<0.59	<0.53	<0.44	<0.64	<0.59	<0.28	<0.32	7.0	<0.53	<0.56	1.0	<0.23	<0.57	<0.56	<0.35	<0.40	<0.40	<0.40
	8/30/2007	<3.4	<2.3	<2.9	<3.4	5.2	<3.4	<2.9	<4.1	14	<1.8	<2.0	10	<3.4	<3.6	<3.6	<1.5	<3.7	<3.6	<2.3	<2.6	<2.6	<2.6
	9/26/2007	<3.4	<2.4	<2.9	<3.5	<3.9	<3.5	<2.9	<4.2	<3.9	<1.9	<2.1	6.5	<3.4	<3.6	<3.6	<1.5	<3.7	<3.6	<2.3	<2.6	<2.6	<2.6
	10/16/2007	<0.34	<0.23	0.98	<0.34	<0.38	<0.34	<0.28	0.73	<0.38	<0.18	<0.20	2.5	<0.34	<0.36	0.75	<0.15	<0.36	<0.36	<0.23	<0.26	<0.26	<0.26
	12/10/2007	<0.56	<0.39	1.0	<0.57	<0.63	<0.57	<0.47	0.98	1.4	<0.30	<0.34	3.6	<0.56	<0.59	1.5	<0.25	<0.61	<0.59	<0.38	<0.43	<0.43	<0.43
Gas Collection System Outlet (Carbon Vessel Outlet)	12/21/2005	<0.71 UJ2	<0.49 UJ2	<0.61 UJ2	<0.73 UJ2	<0.81 UJ2	<0.73 UJ2	<0.61 UJ2	4.4 J2	<0.81 UJ2	<0.39 UJ2	<0.43 UJ2	<0.49 UJ2	<0.72 UJ2	16 J2	13 J2	<0.32 UJ2	<0.78 UJ2	3.6 J2	<0.48 UJ2	<0.55 UJ2	<0.55 UJ2	<0.55 UJ2
	1/12/2006	<0.36	<0.25	<0.31	<0.37	<0.41	<0.37	<0.31	17	<0.41	<0.20	<0.22	<0.25	<0.36	5.4	9.9	<0.16	<0.39	2.2	<0.24	<0.28	<0.28	<0.28
	11/30/2006	<0.34	<0.23	0.40	<0.35	<0.38	<0.35	<0.29	0.97	<0.38	<0.18	<0.20	<0.23	<0.34	0.55	1.8	<0.15	<0.37	0.62	<0.23	<0.26	<0.26	<0.26
	12/27/2006	<0.32	<0.22	0.68	<0.33	<0.37	<0.33	<0.28	1.5	<0.37	<0.18	<0.20	1.8	<0.33	0.46	1.9	<0.15	<0.35	0.66	<0.22	<0.25	<0.25	<0.25
	1/22/2007	<0.37	<0.25	0.39	<0.37	0.52	<0.37	<0.31	1.5	0.55M	<0.20	<0.22	1.7	<0.37	0.53	2.1	<0.16	<0.40	0.76	<0.25	<0.28	<0.28	<0.28
	2/22/2007	<0.34	<0.23	0.30	<0.35	<0.38	<0.35	<0.29	4.1	<0.38	<0.18	<0.20	<0.23	<0.34	1.7	7.7	<0.15	<0.37	1.7	<0.23	<0.26	<0.26	<0.26
	3/26/2007	<0.33	<0.23	0.95	<0.33	<0.37	<0.33	<0.28	1.8	<0.37	<0.18	<0.20	3.8	<0.33	0.57	2.3	<0.15	<0.36	0.76	<0.22	<0.25	<0.25	<0.25
	4/23/2007	<0.33	<0.23	0.90	<0.34	<0.37	<0.34	<0.28	0.55	0.64 M	<0.18	<0.20	0.38	<0.33	<0.35	0.39	<0.15	<0.36	<0.35	<0.22	<0.25	<0.25	<0.25
	5/29/2007	<0.34	<0.23	1.30	<0.34	<0.38	<0.34	<0.29	0.57	1.5V	<0.18	<0.20	0.58	<0.34	<0.36	0.6	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	6/26/2007	<0.32	<0.22	0.29	<0.33	<0.36	<0.33	<0.27	1.1	0.94	<0.17	<0.19	<0.22	<0.32	1.5	8.1	<0.14	<0.35	3.5	<0.22	<0.25	<0.25	5.7
	7/25/2007	<0.65	<0.44	<0.55	<0.66	<0.73	<0.66	<0.55	<0.79	<0.73	<0.35	<0.39	<0.44	<0.65	<0.69	1.4	<0.29	<0.70	<0.69	<0.43	<0.50	<0.50	<0.50
	8/30/2007	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	0.64	1.2	<0.18	<0.20	<0.22	<0.33	<0.35	0.62	<0.15	<0.35	<0.35	<0.22	<0.25	<0.25	<0.25
	9/26/2007	<0.35	<0.24	<0.30	<0.35	<0.39	<0.35	<0.29	3.0	1.6	<0.19	<0.21	<0.24	<0.35	0.54	2.2	<0.15	0.88	0.83	<0.23	<0.27	<0.27	<0.27
	10/16/2007	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	0.69	<0.39	<0.19	<0.21	<0.23	<0.34	<0.36	0.64	<0.15	<0.37	<0.36	<0.23	<0.26	<0.26	<0.26
	12/10/2007	<0.36	<0.25	7.9	<0.37	<0.41	<0.37	<0.31	0.72	1.3	<0.20	<0.22	<0.25	<0.36	0.41	1.4	<0.16	<0.39	0.42	<0.24	<0.28	<0.28	<0.28
	4/13/2008	<0.65	<0.45	<0.56	<0.66	<0.74	<0.66	<0.55	1.20	1.5	<0.35	<0.39	0.53	<0.66	<0.69	1	<0.29	<0.71	<0.69	<0.44	<0.50	<0.50	<0.50
	1/27/2009	<0.25	<0.17	<0.22	<0.26	<0.29	<0.26	<0.21	1.2	<0.29	<0.14	<0.15	1.5	<0.25	<0.27	0.79	<0.11	<0.27	<0.27	<0.17	<0.19	<0.19	<0.19

Notes:
ppmv = Parts per million by volume
ppbv = Parts per billion by volume
(%v/v) = Percent by volume

Columbia Analytical Services Data Qualifiers
M = Matrix interference; results may be biased high.
J1 = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
V= The client required closing continuing calibration verification standard was outside (biased low) the method limits for this compound.
H = Sampled analyzed outside ofclient's specified holding time.
L = Laboratory control sample recovery outside the specified limits; results may be biased low.
* = The %RSD for the initial calibration exceeded client specified requirements.

Veridian Environmental Data Qualifiers ('U' indicates the laboratory result was below the method detection limit)
UJ2 or J2 = Estimated value. Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
UJ3 or J3 = Estimated value. Container failed leak check process.
UJ4 or J4 = Estimated value. Low recoveries (<80%) were observed for one or more volatile surrogate compounds.
J5 = Estimated value. High recoveries (>120%) were observed for one or more volatile surrogate compounds.
J6 = Estimated value. Sample may be biased due to matrix interference.
J7 = Estimated value. High recovery (>113%) was observed for this compound (methane) in the associated laboratory control sample analysis
UJ8 or J8 = significant discrepancies observed between field duplicate pair sample analyses.

TRC Data Qualifiers
UJ9 = Compliance well sample analysis had non-detect result higher than the IATLs or Soil Gas Performance Standards.

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

Analytical Methods, Constituents and Results

Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane
		EPA Method 25C	EPA Method 25C	EPA Method 3C	EPA Method 3C	EPA Method 3C	EPA Method 3C	EPA Method 3C	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-03	1998 Feb	3.1	--	--	--	--	--	--	--	ND	--	--	1900	--
	1998 3rdQ	3.5	--	--	--	--	--	--	--	ND	--	--	270	--
	1998 4thQ	3.2	--	--	--	--	--	--	--	ND	--	--	290	--
	1999 1stQ	3.9	--	--	--	--	--	--	--	ND	--	--	750	--
	1999 2ndQ	2.8	--	--	--	--	--	--	--	ND	--	--	640	--
	2000 2ndQ	2.7	--	--	--	--	--	--	--	ND	--	--	2000	--
	2000 3rdQ	3.2	--	--	--	--	--	--	--	ND	--	--	720	--
	2000 4thQ	3.2	--	--	--	--	--	--	--	ND	--	--	290	--
	2001 2ndQ	2.9	--	--	--	--	--	--	--	**7.8**	--	--	1200	--
	12/18/2005	4.4,J8,(1)	<1.6 (1)	<0.1 (1)	21.9 (1)	78.1 (1)	<0.1 (1)	<0.1 (1)	<0.7 UJ2,(1)	**<0.61 UJ2,UJ9,(1)**	<0.40 UJ2,(1)	<0.59 UJ2,(1)	18 J2,(1)	<0.28 UJ2,(1)
	12/18/2005 Dup	<0.80 UJ8,(1)	<1.6 (1)	<0.16 (1)	21.9 (1)	78.1 (1)	<0.16 (1)	<0.16 (1)	<0.78 UJ2,(1)	**<0.63 UJ2,UJ9,(1)**	<0.41 UJ2,(1)	<0.61 UJ2,(1)	19 J2,(1)	<0.28 UJ2,(1)
	1/15/2006	2.5 (1)	<1.7 (1)	<0.17 (1)	21.9 (1)	78.1 (1)	<0.17 (1)	<0.17 (1)	<0.83 (1)	<0.017 (1)	<0.44 (1)	<0.65 (1)	15 (1)	<0.31 (1)
	1/6/2007	2.8 (1)	<1.9 (1)	<0.19 (1)	22.2 (1)	77.8 (1)	<0.19 (1)	<0.19 (1)	<0.91 (1)	<0.018 (1)	<0.48 (1)	<0.71 (1)	51 (1)	<0.33 (1)
	3/5/2007	2.4 (1)	<1.7 (1)	<0.17 (1)	22.2 (1)	77.7 (1)	<0.17 (1)	<0.17 (1)	<0.82 (1)	<0.017 (1)	<0.44 (1)	<0.64 (1)	31 (1)	0.4 (1)
	6/9/2007	1.9 (1)	<1.6 (1)	--	--	--	--	--	<0.75 (1)	<0.015 (1)	<0.40 (1)	<0.59 (1)	45 V,(1)	<0.28 (1)
	10/13/2007	1.5 (1)	<1.4 (1)	--	--	--	--	--	<1.0 (1)	<0.014 (1)	<0.53 (1)	<0.78 (1)	51 M,(1)	<0.37 (1)
	10/13/2007 Dup	1.5 (1)	<1.6 (1)	--	--	--	--	--	<1.1 (1)	<0.015 (1)	<0.58 (1)	<0.85 (1)	52 M,(1)	<0.40 (1)
	1/11/2008	3.6	<1.4	--	--	--	--	--	<0.7	<0.094	<0.37	<0.55	53	0.32
	1/11/2008 Dup	3.7	<1.4	--	--	--	--	--	<0.66	<0.089	<0.35	<0.52	52	0.32
	4/11/2008	2.2	1.7	--	--	--	--	--	<0.64	<0.044	<0.34	<0.5	32	0.26
	4/11/2008 Dup	2.1	1.9	--	--	--	--	--	<0.69	<0.046	<0.37	<0.54	33	0.26
	6/13/2008	1.8	<1.2	--	--	--	--	--	<2.8	<0.038	<1.5	<2.2	210	<1
	6/13/2008 Dup	1.7	<1.2	--	--	--	--	--	<2.8	<0.038	<1.5	<2.2	220	<1
	9/26/2008	1.7	24	--	--	--	--	--	<5.7	**<0.46**	<3	<4.4	5400	<2.1
	9/26/2008 Dup	1.8	19	--	--	--	--	--	<12	**<0.47**	<6.2	<9.1	4300	<4.3
	12/5/2008	2	5.3	--	--	--	--	--	<0.67	<0.14	<0.36	<0.52	460	0.26
	12/5/2008 Dup	1.8	1.9	--	--	--	--	--	<4.5	<0.14	<2.4	<3.5	480	<1.6
	3/27/2009	2.6 U11	<1.2	--	--	--	--	--	<0.56	<0.056	<0.3	<0.44	55	0.27 U11
IBM-03B	1998 2ndQ	2.3	--	--	--	--	--	--	--	ND	--	--	12	--
	1998 4thQ	4.1	--	--	--	--	--	--	--	ND	--	--	30	--
	1999 1stQ	3.8	--	--	--	--	--	--	--	ND	--	--	24	--
	1999 2ndQ	2.9	--	--	--	--	--	--	--	ND	--	--	24	--
	1999 3rdQ	1.9	--	--	--	--	--	--	--	ND	--	--	16	--
	12/17/2005	2.8 J2,(1)	<1.2 UJ2,(1)	<0.12 UJ2,(1)	21.7 J2,(1)	78.2 J2,(1)	<0.12 UJ2,(1)	<0.12 UJ2,(1)	<3.0 UJ2,(1)	**<2.4 UJ2,UJ9,(1)**	<1.6 UJ2,(1)	<2.3 UJ2,(1)	32 J2,(1)	<1.1 UJ2,(1)
	1/15/2006	3.1 (1)	<1.6 (1)	<0.16 (1)	21.9 (1)	78 (1)	<0.16 (1)	<0.16 (1)	<0.79 (1)	0.097 (1)	<0.42 (1)	<0.62 (1)	40 (1)	<0.29 (1)
	12/10/2006	2.2 (1)	5.5 UJ10,(1)	<0.20 (1)	22.2 (1)	77.7 (1)	<0.20 (1)	<0.20 (1)	<0.74 (1)	< 0.060 UJ10,(1)	<0.39 (1)	<0.58 (1)	23 J10,(1)	0.27 (1)
	3/25/2007	2.5 (1)	<01.5 V,(1)	--	--	--	--	--	<1.1 (1)	<0.015 (1)	<0.56 (1)	<0.82 (1)	37 (1)	<0.39 (1)
	6/10/2007	2.3 (1)	<1.7 (1)	--	--	--	--	--	<0.80 (1)	<0.016 (1)	<0.43 (1)	<0.63 (1)	19 *,(1)	<0.29 (1)
	9/16/2007	2.2 (1)	<2.1 (1)	--	--	--	--	--	<1.0 (1)	<0.021 (1)	<0.55 (1)	<0.80 (1)	65 M,(1)	<0.38 (1)
	1/19/2008	3.2	<1.4	--	--	--	--	--	<0.62	<0.013	<0.33	<0.49	16	<0.23
	1/19/2008 Dup	3.16	<1.4	--	--	--	--	--	<0.57	<0.013	<0.3	<0.45	17	0.23
	4/12/2008	2.4	2.5	--	--	--	--	--	<0.61	<0.012	<0.33	<0.48	30	0.24
	4/12/2008 Dup	2.3	2.3	--	--	--	--	--	<0.61	<0.012	<0.33	<0.48	28	0.24
	7/25/2008	1.9	2.1	--	--	--	--	--	<0.71	<0.014	<0.38	<0.56	51	<0.26
	7/25/2008 Dup	1.55	1.67	--	--	--	--	--	<0.57	<0.011	<0.3	<0.44	53	0.25
	9/12/2008	2	12	--	--	--	--	--	<1.7	<0.014	<0.9	<1.3	34	<0.62
	12/5/2008	3.9	<1.2	--	--	--	--	--	<0.55	<0.032	<0.29	<0.43	140	0.23
IBM-12	9/16/2007	1.8 (1)	<1.5 (1)	--	--	--	--	--	<0.72 (1)	<0.015 (1)	<0.38 (1)	<0.56 (1)	29 M,J6,J8,J15,(1)	0.28 (1)
	9/16/2007 Dup	1.8 (1)	<1.8 (1)	--	--	--	--	--	<0.86 (1)	<0.017 (1)	<0.46 (1)	<0.67 (1)	20 M,J6,J8,J15,(1)	<0.32 (1)
	6/27/2008	1.6	<1.2	--	--	--	--	--	<0.55 V,L	<0.022	0.43	<0.43	17	0.24
	6/27/2008 Dup	1.6	<1.7	--	--	--	--	--	<0.71 V,L	<0.014	0.52	<0.56	15	<0.26
	9/12/2008	1.8	6.2	--	--	--	--	--	<0.68	<0.027	<0.36	<0.53	17 M	<0.25
	9/12/2008 Dup	1.7	5.8	--	--	--	--	--	<0.65	<0.026	<0.34	<0.51	15 M	<0.24
IBM-21	12/17/2005	2.5 J2,(1)	<1.6 UJ2,(1)	<0.16 UJ2,(1)	21.9 J2,(1)	78.1 J2,(1)	<0.16 UJ2,(1)	<0.16 UJ2,(1)	<0.77 UJ2,(1)	**<0.62 UJ2,UJ9,(1)**	<0.41 UJ2,(1)	<0.60 UJ2,(1)	32 J2,(1)	0.38 J2,(1)
	1/15/2006	2.9 (1)	<1.2 (1)	<0.12 (1)	21.9 (1)	78.1 (1)	<0.12 (1)	<0.12 (1)	<0.59 (1)	<0.012 (1)	<0.31 (1)	<0.46 (1)	30 (1)	0.77 (1)
	12/6/2006	3 (1)	55 (1)	<0.17 (1)	22.2 (1)	77.7 (1)	<0.17 (1)	<0.17 (1)	<0.80 (1)	<0.16 (1)	<0.43 (1)	<0.63 (1)	53 (1)	0.58 (1)
	3/15/2007	1.6 (1)	12 (1)	<0.15 (1)	22.2 (1)	77.7 (1)	<0.15 (1)	<0.15 (1)	<1.5 (1)	<0.037 (1)	<0.79 (1)	<1.2 (1)	30 (1)	0.74 V,(1)
	6/30/2007	1.8 (1)	18 (1)	--	--	--	--	--	<1.5 (1)	0.085 (1)	<0.78 (1)	<1.2 (1)	55 (1)	1.2 (1)
	6/30/2007 Dup	1.4 (1)	17 (1)	--	--	--	--	--	<1.6 (1)	0.082 (1)	<0.82 (1)	<1.2 (1)	52 (1)	1.2 (1)
	10/12/2007	1.8 (1)	<1.6 (1)	--	--	--	--	--	<0.79 (1)	<0.016 (1)	<0.42 (1)	<0.62 (1)	31 M,(1)	0.55 (1)
	10/12/2007 Dup	1.7 (1)	<1.3 (1)	--	--	--	--	--	<0.63 (1)	<0.013 (1)	<0.34 (1)	<0.50 (1)	29 M,(1)	0.5 (1)
	1/24/2008	2.2 J	<1.5	--	--	--	--	--	<0.65	<0.013	<0.35	<0.51	9.7 M	0.48
	1/24/2008 Dup	2.3 J	<1.5	--	--	--	--	--	<0.66	<0.013	<0.35	<0.51	11.3 M	0.49
	4/9/2008	1.8	8.6	--	--	--	--	--	<6	<0.08	<3.2	<4.7	<26	<2.2
	7/7/2008	1.8	7.5	--	--	--	--	--	<0.82	<0.017	<0.44	<0.64	39 M	110
	9/8/2008	1.6	6.3	--	--	--	--	--	<0.66	<0.045	<0.35	<0.52	<2.9	54
	9/8/2008 Dup	1.7	7	--	--	--	--	--	<0.56	<0.038	<0.3	<0.44	<2.4	30
	1/26/2009	2.1	<1.7	--	--	--	--	--	<0.73	<0.037	<0.39	<0.57	16	51
	3/27/2009	1.8 U11	7.2	--	--	--	--	--	<1.7	**<0.41**	<0.89	<1.3	40 U11, J11	500 J11
	3/27/2009 Dup	1.7 U11	7.1	--	--	--	--	--	<1.2	**<0.45**	<0.64	<0.94	29 U11, J11	690 J11
IBM-22	1/16/2006	1.9 J2,(1)	<1.6 UJ2,(1)	<0.16 UJ2,(1)	21.8 J2,(1)	78.1 J2,(1)	<0.16 UJ2,(1)	<0.16 UJ2,(1)	<0.78 UJ2,(1)	<0.031 UJ2,(1)	<0.41 UJ2,(1)	<0.61 UJ2,(1)	130 J2,(1)	0.29 J2,(1)
	1/21/2007	2.8 (1)	<1.7 (1)	<0.17 (1)	22.2 (1)	77.8 (1)	<0.17 (1)	<0.17 (1)	<0.82 (1)	<0.017 (1)	<0.44 (1)	<0.64 (1)	120 (1)	0.55 (1)
	3/4/2007	2.6 (1)	<1.5 (1)	<0.15 UJ2,(1)	22.2 J2,(1)	77.8 J2,(1)	<0.15 UJ2,(1)	<0.15 UJ2,(1)	<0.72 (1)	<0.014 (1)	<0.38 (1)	<0.56 (1)	28 (1)	<0.26 (1)
	6/9/2007	1.9 (1)	<1.6 (1)	--	--	--	--	--	<0.93 (1)	<0.016 (1)	<0.50 (1)	<0.73 (1)	18 M,*,(1)	<0.34 (1)
	9/18/2007	1.9 (1)	5.6 (1)	--	--	--	--	--	<0.60 (1)	<0.040 (1)	<0.32 (1)	<0.47 (1)	54 M,(1)	0.29 (1)
	1/18/2008	2.9	<1.5	--	--	--	--	--	<0.66	<0.013	<0.35	<0.51	27	0.25
	1/18/2008 Dup	2.8	<1.3	--	--	--	--	--	<0.57	<0.012	<0.3	<0.45	26.5	0.242
	3/29/2008	2.1	1.7	--	--	--	--	--	1.2	<0.017	<0.46	<0.67	20 M	<0.32
	3/29/2008 Dup	2	1.7	--	--	--	--	--	<1	<0.02	<0.53	<0.78	21 M	<0.37
	6/13/2008	1.8	2.1	--	--	--	--	--	<1.1	<0.034	<0.59	<0.87	100	<0.41
	9/12/2008	1.9	11	--	--	--	--	--	<0.63	<0.063	<0.33	<0.49	40 M	<0.23
	12/5/2008	2.1	<2.2	--	--	--	--	--	<0.88	<0.030	<0.47	<0.69	98 M	<0.32
	3/21/2009	1.9	2.2	--	--	--	--	--	<0.55	<0.011	<0.29	<0.43	74	0.24
IBM-24	1998 Feb	2.8	--	--	--	--	--	--	--	ND	--	--	27	--

Sample Location	Sample Event Date	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride
		EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15	EPA Method TO-15
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-03	1998 Feb	--	--	--	--	--	--	--	--	--	--	--	--	--	**4.6**	--
	1998 3rdQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.3**	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**4.7**	--
	1999 1stQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**6.6**	--
	1999 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**6.4**	--
	2000 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.3**	--
	2000 3rdQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.2**	--
	2000 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.4**	--
	2001 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	12/18/2005	<0.39 UJ2,(1)	<0.45 UJ2,(1)	<0.20 UJ2,(1)	<0.50 UJ2,(1)	<0.39 UJ2,(1)	<0.38 UJ2,(1)	<0.43 UJ2,(1)	<0.44 UJ2,(1)	1.8 J2,(1)	<0.39 UJ2,(1)	<0.32 UJ2,(1)	<0.38 UJ2,(1)	<0.28 UJ2,(1)	1.2 J2,(1)	<0.25 UJ2,(1)
	12/18/2005 Dup	<0.40 UJ2,(1)	<0.46 UJ2,(1)	<0.21 UJ2,(1)	<0.51 UJ2,(1)	<0.40 UJ2,(1)	<0.40 UJ2,(1)	<0.44 UJ2,(1)	<0.45 UJ2,(1)	1.8 J2,(1)	<0.40 UJ2,(1)	<0.33 UJ2,(1)	<0.40 UJ2,(1)	<0.29 UJ2,(1)	1.2 J2,(1)	<0.25 UJ2,(1)
	1/15/2006	<0.43 (1)	<0.50 (1)	<0.22 (1)	<0.55 (1)	<0.43 (1)	<0.43 (1)	<0.48 (1)	<0.49 (1)	1.2 (1)	<0.43 (1)	<0.35 (1)	<0.43 (1)	<0.32 (1)	0.76 (1)	<0.27 (1)
	1/6/2007	<0.47 (1)	7.1 (1)	<0.25 (1)	<0.60 (1)	<0.47 (1)	<0.46 (1)	1.2 (1)	<0.53 (1)	2.8 (1)	<0.47 (1)	<0.39 (1)	<0.46 (1)	<0.34 (1)	1.5 (1)	<0.30 (1)
	3/5/2007	<0.43 (1)	7 (1)	<0.22 (1)	<0.54 (1)	<0.43 (1)	<0.42 (1)	1.9 (1)	<0.48 (1)	15 (1)	<0.43 (1)	<0.35 (1)	<0.42 (1)	<0.31 (1)	1.3 (1)	<0.27 (1)
	6/9/2007	0.46 (1)	12 (1)	<0.20 (1)	<0.50 (1)	<0.39 (1)	<0.38 (1)	2.2 (1)	<0.44 (1)	3.6 (1)	<0.39 (1)	<0.32 (1)	<0.38 (1)	0.48 (1)	1 (1)	<0.25 (1)
	10/13/2007	<0.52 (1)	41 (1)	<0.27 (1)	<0.66 (1)	<0.52 (1)	<0.51 (1)	1.7 (1)	<2.9 (1)	3.8 (1)	<0.52 (1)	<0.42 (1)	<0.51 (1)	<0.38 (1)	0.8 (1)	<0.33 (1)
	10/13/2007 Dup	<0.57 (1)	45 (1)	<0.29 (1)	<0.72 (1)	<0.57 (1)	<0.55 (1)	1.7 (1)	<3.2 (1)	4 (1)	<0.57 (1)	<0.46 (1)	<0.55 (1)	<0.41 (1)	0.84 (1)	<0.36 (1)
	1/11/2008	<0.36	100	<0.19	<0.46	<0.36	<0.36	0.96	<2	4.4	<0.36	0.36	<0.36	0.3	**2**	<0.23
	1/11/2008 Dup	<0.34	100	<0.18	<0.44	<0.34	<0.34	0.9	<1.9	4.5	<0.34	0.35	<0.34	0.31	**2**	<0.22
	4/11/2008	<0.34	86	<0.17	<0.43	<0.34	<0.33	1.2	<1.9	3	<0.34	<0.27	<0.33	<0.24	0.77	<0.21
	4/11/2008 Dup	<0.36	85	<0.19	<0.46	<0.36	<0.35	1.2	<2	3	<0.36	<0.29	<0.35	<0.26	0.79	<0.23
	6/13/2008	<1.5	100	<0.76	<1.9	<1.5	<1.4	<1.6	<8.3	2.9	<1.5	<1.2	<1.4	<1.1	<1.8	**<0.93**
	6/13/2008 Dup	<1.5	100	<0.75	<1.8	<1.5	<1.4	<1.6	<8.2	2.9	<1.5	<1.2	<1.4	<1.1	<1.8	**<0.92**
	9/26/2008	<2.9	180	<1.5	<3.8	<2.9	<2.9	<3.2	<17	<4	<2.9	<2.4	<2.9	<2.1	**<3.7**	**<1.9**
	9/26/2008 Dup	<6.1	280	<3.1	<7.7	<6.1	<5.9	<6.7	<34	<8.1	<6.1	<4.9	<5.9	<4.4	**<7.5**	**<3.8**
	12/5/2008	<0.35	200	<0.18	<0.44	<0.35	<0.34	0.67	<2	2.3	<0.35	<0.28	<0.34	0.29	1	<0.22
	12/5/2008 Dup	<2.3	210	<1.2	<3	<2.3	<2.3	<2.6	<13	<3.1	<2.3	<1.9	<2.3	<1.7	<2.9	<1.5
	3/27/2009	<0.29	110	<0.15	<0.37	<0.29	<0.28	0.6	<1.6	2.7 U11	<0.29	<0.24	<0.28	0.24	0.62 U11	<0.18
IBM-03B	1998 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 4thQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**9.4**	--
	1999 1stQ	--	--	--	--	--	--	--	--	--	--	--	--	--	**2**	--
	1999 2ndQ	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4	--
	1999 3rdQ	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--
	12/17/2005	<1.5 UJ2,(1)	<1.8 UJ2,(1)	<0.8 UJ2,(1)	<2.0 UJ2,(1)	<1.5 UJ2,(1)	<1.5 UJ2,(1)	<1.7 UJ2,(1)	<1.7 UJ2,(1)	<2.1 UJ2,(1)	<1.5 UJ2,(1)	<1.2 UJ2,(1)	<1.5 UJ2,(1)	<1.1 UJ2,(1)	<1.9 UJ2,(1)	**<0.97 UJ2,UJ9,(1)**
	1/15/2006	<0.41 (1)	0.59 (1)	<0.21 (1)	<0.52 (1)	<0.41 (1)	<0.40 (1)	<0.45 (1)	<0.46 (1)	2.8 (1)	<0.41 (1)	<0.33 (1)	<0.40 (1)	<0.30 (1)	**14 (1)**	<0.26 (1)
	12/10/2006	<0.39 (1)	5.8 (1)	<0.20 (1)	<0.49 (1)	<0.39 (1)	<0.38 (1)	<0.42 (1)	<0.43 (1)	6.5 (1)	<0.39 (1)	<0.31 (1)	<0.38 (1)	<0.28 (1)	**3.8 (1)**	<0.24 (1)
	3/25/2007	<0.55 (1)	2.4 (1)	<0.28 (1)	<0.70 (1)	<0.55 (1)	<0.54 (1)	<0.60 (1)	1.6 M,(1)	2.2 (1)	<0.55 (1)	<0.44 (1)	2.6 (1)	<0.40 (1)	0.95 (1)	<0.35 (1)
	6/10/2007	<0.42 (1)	0.69 (1)	<0.22 (1)	<0.53 (1)	<0.42 (1)	<0.41 (1)	<0.46 (1)	1.7 M,(1)	1.5 (1)	<0.42 (1)	<0.34 (1)	1.1 (1)	<0.30 (1)	0.76 (1)	<0.26 (1)
	9/16/2007	<0.53 (1)	0.85 (1)	<0.28 (1)	<0.68 (1)	<0.53 (1)	<0.52 (1)	<0.59 (1)	<3.0 (1)	5.7 (1)	<0.53 (1)	<0.43 (1)	1.1 (1)	<0.39 (1)	0.97 (1)	<0.34 (1)
	1/19/2008	<0.32	0.56	<0.17	<0.41	<0.32	<0.32	<0.36	<1.8	1.3	<0.32	<0.26	<0.32	<0.24	0.91	<0.2
	1/19/2008 Dup	<0.3	0.58	<0.15	<0.38	<0.3	<0.29	<0.33	<1.7	1.3	<0.3	<0.24	<0.29	<0.22	0.94	<0.19
	4/12/2008	<0.32	0.67	<0.16	<0.41	<0.32	<0.31	<0.35	<1.8	1.8	<0.32	<0.26	<0.31	<0.23	0.53	<0.2
	4/12/2008 Dup	<0.32	0.6	<0.17	<0.41	<0.32	<0.31	<0.35	<1.8	1.7	<0.32	<0.26	<0.31	<0.23	0.53	<0.2
	7/25/2008	<0.37	8.0	<0.19	<0.47	<0.37	<0.36	<0.41	<2.1	1.9	<0.37	<0.3	<0.36	<0.27	<0.46	<0.23
	7/25/2008 Dup	<0.29	3.5	<0.15	<0.38	<0.29	<0.29	<0.32	<1.7	2.1	<0.29	<0.24	<0.29	<0.21	0.42	<0.19
	9/12/2008	<0.88	51	<0.45	<1.1	<0.88	<0.86	<0.97	<4.9	1.3	<0.88	<0.71	<0.86	<0.64	<1.1	<0.55
	12/5/2008	<0.29	6	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	27	<0.29	<0.23	<0.28	<0.21	1.3	<0.18
IBM-12	9/16/2007	<0.38 (1)	1.6 (1)	<0.19 (1)	<0.48 (1)	<0.38 (1)	<0.37 (1)	<0.41 (1)	<2.1 (1)	1.9 (1)	<0.38 (1)	0.48 (1)	<0.37 (1)	<0.27 (1)	<0.47 (1)	<0.24 (1)
	9/16/2007 Dup	<0.45 (1)	1.8 (1)	<0.23 (1)	<0.57 (1)	<0.45 (1)	<0.44 (1)	<0.49 (1)	<2.5 (1)	1.4 (1)	<0.45 (1)	0.48 (1)	<0.44 (1)	<0.33 (1)	<0.56 (1)	<0.28 (1)
	6/27/2008	<0.29	3.7	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	1.4	1.2	<0.23	<0.28	<0.21	0.41	<0.18
	6/27/2008 Dup	<0.37	4.4	<0.19	<0.47	<0.37	<0.36	<0.41	<2.1	1.3	<0.37	<0.3	<0.36	<0.27	<0.46	<0.23
	9/12/2008	<0.35	4.8	<0.18	<0.45	<0.35	<0.35	<0.39	<2	2	<0.35	<0.29	<0.35	<0.26	<0.44	<0.22
	9/12/2008 Dup	<0.34	2.3	<0.17	<0.43	<0.34	<0.33	<0.37	<1.9	1.9	<0.34	<0.27	<0.33	<0.24	<0.42	<0.21
IBM-21	12/17/2005	<0.40 UJ2,(1)	7.9 J2,(1)	<0.21 UJ2,(1)	<0.51 UJ2,(1)	<0.40 UJ2,(1)	<0.39 UJ2,(1)	1.2 J2,(1)	<0.45 UJ2,(1)	4.4 J2,(1)	<0.40 UJ2,(1)	<0.33 UJ2,(1)	<0.39 UJ2,(1)	<0.29 UJ2,(1)	1.2 J2,(1)	<0.25 UJ2,(1)
	1/15/2006	<0.31 (1)	6.7 (1)	<0.16 (1)	<0.39 (1)	<0.31 (1)	<0.30 (1)	1.1 (1)	<0.34 (1)	2.8 (1)	<0.31 (1)	<0.25 (1)	<0.30 (1)	<0.22 (1)	1.2 (1)	<0.19 (1)
	12/6/2006	<0.42 (1)	7.4 (1)	<0.22 (1)	<0.53 (1)	<0.42 (1)	<0.41 (1)	1.3 (1)	<0.47 (1)	16 (1)	<0.42 (1)	<0.34 (1)	<0.41 (1)	<0.30 (1)	1.7 (1)	<0.26 (1)
	3/15/2007	<0.77 (1)	<0.88 (1)	<0.40 (1)	<0.98 (1)	<0.77 (1)	<0.76 (1)	1.1 (1)	3.4 M,(1)	5.4 (1)	<0.77 (1)	<0.63 (1)	<0.76 (1)	<0.56 (1)	<0.96 (1)	<0.49 (1)
	6/30/2007	<0.77 (1)	26 (1)	<0.40 (1)	<0.98 (1)	<0.77 (1)	<0.75 (1)	1.7 (1)	<0.86 (1)	21 (1)	<0.77 (1)	<0.62 (1)	<0.75 (1)	<0.56 (1)	**97 (1)**	<0.48 (1)
	6/30/2007 Dup	<0.81 (1)	24 (1)	<0.42 (1)	<1.0 (1)	<0.81 (1)	<0.79 (1)	1.7 (1)	4.2 (1)	20 (1)	<0.81 (1)	<0.66 (1)	<0.79 (1)	<0.59 (1)	**92 (1)**	<0.51 (1)
	10/12/2007	<0.41 (1)	18 (1)	<0.21 (1)	<0.52 (1)	<0.41 (1)	<0.40 (1)	1.4 (1)	<2.3 (1)	5.3 (1)	<0.41 (1)	<0.33 (1)	<0.40 (1)	0.38 (1)	0.74 (1)	<0.26 (1)
	10/12/2007 Dup	<0.33 (1)	16 (1)	<0.17 (1)	<0.42 (1)	<0.33 (1)	<0.32 (1)	1.3 (1)	<1.9 (1)	4.9 (1)	<0.33 (1)	<0.27 (1)	<0.32 (1)	0.35 (1)	0.7 (1)	<0.21 (1)
	1/24/2008	<0.34	5.5	<0.17	<0.43	<0.34	<0.33	0.41	<1.9	0.79	<0.34	<0.27	<0.33	<0.25	<0.42	<0.21
	1/24/2008 Dup	<0.34	5.47	<0.18	<0.44	<0.34	<0.34	0.412	<1.9	0.91	<0.34	<0.28	<0.34	<0.25	<0.42	<0.22
	4/9/2008	<3.1	10	<1.6	<4	<3.1	<3	<3.4	<17	<4.2	<3.1	<2.5	<3	<2.3	**<3.9**	**<2**
	7/7/2008	<0.43	29	<0.22	<0.54	<0.43	<0.42	1	<2.4	5.8	<0.43	<0.35	<0.42	0.47	**4.1**	<0.27
	9/8/2008	<0.34	20	<0.18	<0.44	<0.34	<0.34	<0.38	<1.9	3.7	<0.34	<0.28	<0.34	0.27	**8.5**	<0.22
	9/8/2008 Dup	<0.29	24	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	5	<0.29	<0.24	<0.28	0.3	**11**	<0.18
	1/26/2009	<0.38	6.7	<0.2	<0.48	<0.38	<0.37	<0.42	<2.1	2.7	<0.38	<0.31	<0.37	0.34	**2**	<0.24
	3/27/2009	<0.87	11	14	<1.1	<0.87	<0.85	<0.96	<4.9	6.1 J11	<0.87	<0.71	<0.85	<0.63	**13 J11**	<0.55
	3/27/2009 Dup	<0.63	8.6	15	<0.8	<0.63	<0.61	<0.69	<3.5	3.9 J11	<0.63	<0.51	<0.61	<0.46	**9.5 J11**	<0.39
IBM-22	1/16/2006	<0.40 UJ2,(1)	<0.46 UJ2,(1)	<0.21 UJ2,(1)	<0.51 UJ2,(1)	<0.40 UJ2,(1)	<0.40 UJ2,(1)	<0.44 UJ2,(1)	<0.45 UJ2,(1)	13 J2,(1)	<0.40 UJ2,(1)	<0.33 UJ2,(1)	<0.40 UJ2,(1)	<0.29 UJ2,(1)	1.2 J2,(1)	<0.25 UJ2,(1)
	1/21/2007	<0.43 (1)	0.58 (1)	<0.22 (1)	<0.55 (1)	<0.43 (1)	<0.42 (1)	<0.47 (1)	<0.48 (1)	2.1 (1)	<0.43 (1)	<0.35 (1)	<0.42 (1)	<0.31 (1)	**2.5 (1)**	<0.27 (1)
	3/4/2007	<0.37 (1)	0.54 (1)	<0.19 (1)	<0.48 (1)	<0.37 (1)	<0.37 (1)	<0.41 (1)	<0.42 (1)	4.1 (1)	<0.37 (1)	<0.30 (1)	<0.37 (1)	<0.27 (1)	1.6 (1)	<0.24 (1)
	6/9/2007	<0.49 (1)	<0.56 (1)	<0.25 (1)	<0.62 (1)	<0.49 (1)	<0.48 (1)	<0.54 (1)	<0.55 (1)	2.4 (1)	<0.49 (1)	<0.40 (1)	<0.48 (1)	<0.35 (1)	**2.3 (1)**	<0.31 (1)
	9/18/2007	<0.31 (1)	0.6 (1)	<0.16 (1)	<0.40 (1)	<0.31 (1)	<0.31 (1)	<0.34 (1)	<1.8 (1)	7.7 (1)	<0.31 (1)	<0.25 (1)	<0.31 (1)	<0.23 (1)	**2.1 (1)**	<0.20 (1)
	1/18/2008	<0.34	0.77	<0.18	<0.44	<0.34	<0.34	<0.38	<1.9	3.1	<0.34	<0.28	<0.34	<0.25	1.8	<0.22
	1/18/2008 Dup	<0.3	0.786	<0.15	<0.38	<0.3	<0.29	<0.33	<1.7	3.6	<0.3	<0.24	<0.29	<0.22	1.6	<0.19
	3/29/2008	<0.45	<0.51	<0.23	<0.57	<0.45	<0.44	<0.49	<2.5	2	<0.45	<0.36	<0.44	<0.32	1.5	<0.28
	3/29/2008 Dup	<0.52	<0.59	<0.27	<0.66	<0.52	<0.51	<0.57	<2.9	2	<0.52	<0.42	<0.51	<0.38	1.5	<0.33
	6/13/2008	<0.58	<0.66	<0.3	<0.73	<0.58	<0.56	<0.63	<3.2	3.4	<0.58	<0.47	<0.56	<0.42	1.4	<0.36
	9/12/2008	<0.33	0.54	<0.17	<0.41	<0.33	<0.32	<0.36	<1.8	2.9	<0.33	<0.26	<0.32	<0.24	**2.8**	<0.21
	12/5/2008	<0.46	1.8	<0.24	<0.58	<0.46	<0.45	<0.5	<2.6	2.8	<0.46	<0.37	<0.45	<0.33	**2.5**	<0.29
	3/21/2009	<0.29	0.37	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	1.9	<0.29	<0.23	<0.28	<0.21	**2.6**	<0.18
IBM-24	1998 Feb	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4	--

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-03	1998 Feb	--	--	ND	--	--	--	--	45	--	--	--	2	--	5.8	24	--	--	--	--	--	--	--
	1998 3rdQ	--	--	ND	--	--	--	--	12	--	--	--	ND	--	1.8	7	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	15	--	--	--	ND	--	2.5	8.2	--	--	--	--	--	--	--
	1999 1stQ	--	--	ND	--	--	--	--	48	--	--	--	ND	--	7	25	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	63	--	--	--	ND	--	11	44	--	--	--	--	--	--	--
	2000 2ndQ	--	--	ND	--	--	--	--	63	--	--	--	ND	--	4.4	17	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	51	--	--	--	ND	--	4.7	17	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	32	--	--	--	0.94	--	4.1	16	--	--	--	--	--	--	--
	2001 2ndQ	--	--	ND	--	--	--	--	26	--	--	--	ND	--	ND	13	--	--	--	--	--	--	--
	12/18/2005	<0.34 UJ2,(1)	<0.23 UJ2,(1)	<0.29 UJ2,(1)	<0.34 UJ2,(1)	<0.38 UJ2,(1)	<0.34 UJ2,(1)	<0.28 UJ2,(1)	3.3 J2,(1)	<0.38 UJ2,(1)	<0.18 UJ2,(1)	**<0.20 UJ2,UJ9,(1)**	<0.23 UJ2,(1)	<0.34 UJ2,(1)	0.42 J2,(1)	1.5 J2,(1)	<0.15 UJ2,(1)	<0.36 UJ2,(1)	0.53 J2,(1)	<0.23 UJ2,(1)	<0.26 UJ2,(1)	<0.26 UJ2,(1)	<0.26 UJ2,(1)
	12/18/2005 Dup	<0.35 UJ2,(1)	<0.24 UJ2,(1)	<0.30 UJ2,(1)	<0.35 UJ2,(1)	<0.39 UJ2,(1)	<0.35 UJ2,(1)	<0.29 UJ2,(1)	3.0 J2,(1)	<0.39 UJ2,(1)	<0.19 UJ2,(1)	**<0.21 UJ2,UJ9,(1)**	<0.24 UJ2,(1)	<0.35 UJ2,(1)	0.43 J2,(1)	1.5 J2,(1)	<0.15 UJ2,(1)	<0.38 UJ2,(1)	0.51 J2,(1)	<0.23 UJ2,(1)	<0.27 UJ2,(1)	<0.27 UJ2,(1)	<0.27 UJ2,(1)
	1/15/2006	<0.37 (1)	<0.26 (1)	**3.2 (1)**	<0.38 (1)	<0.42 (1)	<0.38 (1)	<0.32 (1)	3.7 (1)	<0.42 (1)	<0.20 (1)	<0.0056 (1)	<0.25 (1)	<0.37 (1)	0.41 (1)	1.4 (1)	<0.17 (1)	<0.40 (1)	0.47 (1)	<0.25 (1)	<0.29 (1)	<0.29 (1)	<0.29 (1)
	1/6/2007	<0.41 (1)	<0.28 (1)	<0.35 (1)	<0.41 (1)	<0.46 (1)	<0.41 (1)	<0.34 (1)	20 (1)	<0.46 (1)	<0.22 (1)	<0.0061 (1)	<0.28 (1)	<0.41 (1)	1.7 (1)	7.7 (1)	<0.18 (1)	<0.44 (1)	2.6 (1)	<0.27 (1)	<0.31 (1)	<0.31 (1)	<0.31 (1)
	3/5/2007	<0.37 (1)	<0.25 (1)	<0.31 (1)	<0.37 (1)	<0.41 (1)	<0.37 (1)	<0.31 (1)	24 (1)	<0.41 (1)	<0.20 (1)	<0.0055 (1)	<0.25 (1)	<0.37 (1)	2.1 (1)	9 (1)	<0.16 (1)	<0.40 (1)	3.1 (1)	<0.25 (1)	<0.28 (1)	<0.28 (1)	<0.28 (1)
	6/9/2007	<0.34 (1)	<0.23 (1)	0.48 (1)	<0.34 (1)	<0.38 (1)	<0.34 (1)	<0.28 (1)	17 (1)	0.74 V,(1)	<0.18 (1)	<0.0050 (1)	0.32 (1)	<0.34 (1)	2.4 (1)	11 (1)	<0.15 (1)	<0.36 (1)	3.9 (1)	<0.23 (1)	<0.26 (1)	<0.26 (1)	<0.26 (1)
	10/13/2007	<0.45 (1)	<0.31 (1)	<0.38 (1)	<0.45 (1)	<0.50 (1)	<0.45 (1)	<0.38 (1)	13 (1)	<0.50 (1)	<0.24 (1)	<0.0047 (1)	<0.30 (1)	<0.45 (1)	1.7 (1)	7.5 (1)	<0.20 (1)	<0.48 (1)	2.5 (1)	<0.30 (1)	<0.34 (1)	<0.34 (1)	<0.34 (1)
	10/13/2007 Dup	<0.49 (1)	<0.33 (1)	<0.42 (1)	<0.49 (1)	<0.55 (1)	<0.49 (1)	<0.41 (1)	13 (1)	<0.55 (1)	<0.26 (1)	<0.0051 (1)	<0.33 (1)	<0.49 (1)	1.7 (1)	7.7 (1)	<0.22 (1)	<0.53 (1)	2.6 (1)	<0.33 (1)	<0.37 (1)	<0.37 (1)	<0.37 (1)
	1/11/2008	<0.31	<0.22	<0.27	<0.32	0.5	<0.32	<0.26	18	<0.35	<0.17	<0.031	<0.21	<0.31	2.6	11	<0.14	0.41	3.6	<0.21	<0.24	<0.24	<0.24
	1/11/2008 Dup	<0.29	<0.20	<0.25	<0.30	0.45	<0.30	<0.25	17	<0.33	<0.16	<0.030	<0.20	<0.30	2.6	12	<0.13	<0.32	3.6	<0.20	<0.23	<0.23	<0.23
	4/11/2008	<0.29	<0.2	<0.25	<0.29	<0.32	<0.29	<0.24	7.1	<0.32	<0.16	<0.014	<0.2	<0.29	2.1	9.7	<0.13	<0.31	3.4	<0.19	<0.22	<0.22	<0.22
	4/11/2008 Dup	<0.31	<0.21	<0.27	<0.31	<0.35	<0.31	<0.26	7.1	<0.35	<0.17	<0.015	<0.21	<0.31	2.1	9.8	<0.14	<0.33	3.4	<0.21	<0.24	<0.24	<0.24
	6/13/2008	<1.3	<0.87	**<1.1**	<1.3	<1.4	<1.3	<1.1	6.7	<1.4	<0.68	<0.013	<0.86	<1.3	2.1	9.6	<0.56	<1.4	3.1	<0.85	<0.97	<0.97	<0.97
	6/13/2008 Dup	<1.2	<0.86	**<1.1**	<1.3	<1.4	<1.3	<1.1	6.6	<1.4	<0.68	<0.012	<0.85	<1.3	2.1	9.8	<0.56	<1.4	3.3	<0.84	<0.96	<0.96	<0.96
	9/26/2008	<2.5	<1.7	**<2.2**	<2.6	<2.9	<2.6	<2.1	7.3	<2.9	<1.4	**<0.15**	<1.7	<2.5	5.1	21	<1.1	<2.7	6.2	<1.7	<1.9	<1.9	<1.9
	9/26/2008 Dup	<5.2	<3.6	**<4.5**	<5.3	<5.9	<5.3	<4.4	12	<5.9	<2.8	**<0.16**	<3.5	<5.2	7.6	32	<2.3	<5.6	9.5	<3.5	<4	<4	<4
	12/5/2008	<0.3	<0.21	<0.26	<0.3	<0.34	<0.3	<0.25	16	<0.34	<0.16	<0.045	<0.2	<0.3	1.6	6.7	<0.13	<0.32	2.3	<0.2	<0.23	<0.23	<0.23
	12/5/2008 Dup	**<2**	<1.4	**<1.7**	<2	<2.3	<2	<1.7	16	<2.3	<1.1	<0.045	<1.4	<2	<2.1	6.7	<0.89	<2.2	2.3	<1.3	<1.5	<1.5	<1.5
	3/27/2009	<0.25	<0.17	<0.21	<0.25	<0.28	<0.25	<0.21	6.7 U11	<0.28	<0.14	<0.019	<0.17	<0.25	1.5	6	<0.11	<0.27	1.9	<0.17	<0.19	<0.19	<0.19
IBM-03B	1998 2ndQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	1.3	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	4.9	--	--	--	ND	--	ND	2.2	--	--	--	--	--	--	--
	1999 1stQ	--	--	ND	--	--	--	--	6.3	--	--	--	ND	--	ND	3.1	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	5.6	--	--	--	ND	--	ND	3.4	--	--	--	--	--	--	--
	1999 3rdQ	--	--	ND	--	--	--	--	3.3	--	--	--	ND	--	ND	1.3	--	--	--	--	--	--	--
	12/17/2005	<1.3 UJ2,(1)	<0.91 UJ2,(1)	**<1.1 UJ2,UJ9,(1)**	<1.3 UJ2,(1)	<1.5 UJ2,(1)	<1.3 UJ2,(1)	<1.1 UJ2,(1)	6.6 J2,(1)	<1.5 UJ2,(1)	<0.72 UJ2,(1)	**<0.79 UJ2,UJ9,(1)**	<0.9 UJ2,(1)	<1.3 UJ2,(1)	<1.4 UJ2,(1)	3.0 J2,(1)	<0.59 UJ2,(1)	<1.4 UJ2,(1)	<1.4 UJ2,(1)	<0.89 UJ2,(1)	<1.0 UJ2,(1)	73 J2,(1)	<1.0 UJ2,(1)
	1/15/2006	<0.35 (1)	<0.24 (1)	**6.2 (1)**	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	5 (1)	<0.40 (1)	<0.19 (1)	<0.011 (1)	<0.24 (1)	<0.35 (1)	0.63 (1)	1.9 (1)	<0.16 (1)	<0.38 (1)	0.64 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	12/10/2006	<0.33 (1)	<0.23 (1)	<0.28 (1)	<0.34 (1)	<0.37 (1)	<0.34 (1)	<0.28 (1)	2.7 (1)	<0.37 (1)	<0.18 (1)	<0.020 (1)	<0.23 (1)	<0.33 (1)	0.73 (1)	3.2 (1)	<0.15 (1)	<0.36 (1)	1.1 (1)	<0.22 (1)	<0.25 (1)	<0.25 (1)	<0.25 (1)
	3/25/2007	<0.47 (1)	<0.32 (1)	<0.40 (1)	<0.48 (1)	<0.53 (1)	<0.48 (1)	<0.40 (1)	7 (1)	<0.53 (1)	<0.25 (1)	<0.0050 (1)	<0.32 (1)	<0.47 (1)	1.7 (1)	3.5 (1)	<0.21 (1)	<0.51 (1)	1.2 (1)	<0.32 (1)	<0.36 (1)	<0.36 (1)	<0.36 (1)
	6/10/2007	<0.36 (1)	<0.25 (1)	<0.31 (1)	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	6.2 (1)	<0.40 (1)	<0.19 (1)	<0.0054 (1)	<0.24 (1)	<0.36 (1)	1.8 (1)	4 (1)	<0.16 (1)	<0.39 (1)	1.5 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	9/16/2007	<0.46 (1)	<0.32 (1)	<0.39 (1)	<0.47 (1)	<0.52 (1)	<0.47 (1)	<0.39 (1)	6.2 (1)	0.79 (1)	<0.25 (1)	<0.0069 (1)	<0.31 (1)	<0.46 (1)	2.1 (1)	4.3 (1)	<0.21 (1)	<0.50 (1)	1.6 (1)	<0.31 (1)	<0.35 (1)	<0.35 (1)	<0.35 (1)
	1/19/2008	<0.28	<0.19	<0.24	<0.28	<0.31	<0.28	<0.24	3.6	<0.31	<0.15	<0.0042	<0.19	<0.28	0.81	2.3	<0.12	<0.3	0.87	<0.19	<0.21	<0.21	<0.21
	1/19/2008 Dup	<0.25	<0.18	<0.22	<0.26	<0.29	<0.26	<0.22	3.7	<0.29	<0.14	<0.0042	<0.17	<0.26	0.85	2.4	<0.11	<0.28	0.9	<0.17	<0.2	<0.2	<0.2
	4/12/2008	<0.27	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	5.3	<0.31	<0.15	<0.0041	<0.19	<0.27	1.1	2.7	<0.12	<0.3	1.1	<0.18	<0.21	<0.21	<0.21
	4/12/2008 Dup	<0.27	<0.19	<0.24	<0.28	<0.31	<0.28	<0.23	5	<0.31	<0.15	<0.0041	<0.19	<0.28	1	2.6	<0.12	<0.3	1	<0.18	<0.21	<0.21	<0.21
	7/25/2008	<0.32	<0.22	<0.27	<0.32	1.9	<0.32	<0.27	5.0	<0.36	<0.17	<0.0048	<0.22	<0.32	1.1	3.3	<0.14	<0.34	0.99	<0.21	<0.24	<0.24	<0.24
	7/25/2008 Dup	<0.25	<0.17	<0.22	<0.26	3.7	<0.26	<0.21	4.1	<0.29	<0.14	<0.0038	<0.17	<0.25	0.97	3	<0.11	<0.27	0.93	<0.17	<0.19	<0.19	<0.19
	9/12/2008	<0.75	<0.52	**<0.65**	<0.77	2.2	<0.77	<0.64	12	<0.85	<0.41	<0.0045	<0.51	<0.76	<0.8	1.5	<0.34	<0.82	<0.8	<0.51	<0.58	<0.58	<0.58
	12/5/2008	<0.25	<0.17	<0.21	<0.25	1.9	<0.25	<0.21	9.4	<0.28	<0.13	<0.011	<0.17	<0.25	3.1	9.2	<0.11	<0.27	2.7	<0.17	<0.19	<0.19	<0.19
IBM-12	9/16/2007	<0.32 (1)	<0.22 (1)	<0.28 (1)	<0.33 (1)	<0.36 (1)	<0.33 (1)	<0.27 (1)	5.9 (1)	<0.36 (1)	<0.17 (1)	<0.0048 (1)	<0.22 (1)	<0.32 (1)	0.5 (1)	1.8 (1)	<0.14 (1)	<0.35 (1)	0.6 (1)	<0.22 (1)	<0.25 (1)	<0.25 (1)	<0.25 (1)
	9/16/2007 Dup	<0.39 (1)	<0.27 (1)	<0.33 (1)	<0.39 (1)	<0.43 (1)	<0.39 (1)	<0.33 (1)	6.4 (1)	<0.43 (1)	<0.21 (1)	<0.0058 (1)	<0.26 (1)	<0.39 (1)	0.55 (1)	1.9 (1)	<0.17 (1)	<0.42 (1)	0.65 (1)	<0.26 (1)	<0.30 (1)	<0.30 (1)	<0.30 (1)
	6/27/2008	<0.25	<0.17	<0.21	<0.25	<0.28	<0.25	<0.21	1.8	<0.28	<0.13	<0.0074	<0.17	<0.25	1	1.8	<0.11	<0.27	0.69	<0.17	<0.19	<0.19	<0.19
	6/27/2008 Dup	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	2	<0.36	<0.17	<0.0048	<0.22	<0.32	1.2	1.9	<0.14	<0.35	0.73	<0.21	<0.24	<0.24	<0.24
	9/12/2008	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	4.3	<0.34	<0.16	<0.0091	<0.21	<0.3	0.45	1.2	<0.14	<0.33	0.43	<0.2	<0.23	<0.23	<0.23
	9/12/2008 Dup	<0.29	<0.2	<0.25	<0.29	<0.33	<0.29	<0.24	4.2	<0.33	<0.16	<0.0086	<0.2	<0.29	0.46	1.3	<0.13	0.33	0.44	<0.19	<0.22	<0.22	<0.22
IBM-21	12/17/2005	<0.34 UJ2,(1)	<0.24 UJ2,(1)	<0.30 UJ2,(1)	<0.35 UJ2,(1)	<0.39 UJ2,(1)	<0.35 UJ2,(1)	<0.29 UJ2,(1)	6.2 J2,(1)	<0.39 UJ2,(1)	<0.19 UJ2,(1)	**<0.21 UJ2,UJ9,(1)**	0.26 J2,(1)	<0.35 UJ2,(1)	0.76 J2,(1)	3.0 J2,(1)	<0.15 UJ2,(1)	<0.37 UJ2,(1)	1.0 J2,(1)	<0.23 UJ2,(1)	<0.26 UJ2,(1)	<0.26 UJ2,(1)	<0.26 UJ2,(1)
	1/15/2006	<0.26 (1)	<0.18 (1)	**4.9 (1)**	<0.27 (1)	<0.30 (1)	<0.27 (1)	<0.22 (1)	8.7 (1)	<0.30 (1)	<0.14 (1)	<0.0039 (1)	0.26 (1)	<0.26 (1)	0.8 (1)	3.1 (1)	<0.12 (1)	<0.28 (1)	1 (1)	<0.18 (1)	<0.20 (1)	<0.20 (1)	<0.20 (1)
	12/6/2006	<0.36 (1)	<0.25 (1)	<0.31 (1)	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	8.2 (1)	<0.40 (1)	<0.19 (1)	<0.054 (1)	0.32 (1)	<0.36 (1)	0.99 (1)	4.4 (1)	<0.16 (1)	<0.39 (1)	1.4 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	3/15/2007	<0.66 (1)	<0.46 (1)	**<0.57 UJ9,(1)**	<0.67 (1)	<0.75 (1)	<0.67 (1)	<0.56 (1)	63 (1)	<0.75 (1)	<0.36 (1)	<0.012 (1)	<0.45 (1)	<0.66 (1)	1.1 (1)	4.2 (1)	<0.30 (1)	<0.72 (1)	2 (1)	<0.45 (1)	<0.51 (1)	<0.51 (1)	<0.51 (1)
	6/30/2007	<0.66 (1)	<0.45 (1)	**<0.57 UJ9,(1)**	<0.67 (1)	1.7 (1)	<0.67 (1)	<0.56 (1)	7.7 (1)	6.3 (1)	<0.36 (1)	<0.012 (1)	2.8 (1)	<0.66 (1)	1.2 (1)	6.3 (1)	<0.29 (1)	<0.71 (1)	2 (1)	<0.44 (1)	<0.51 (1)	<0.51 (1)	<0.51 (1)
	6/30/2007 Dup	<0.69 (1)	<0.48 (1)	**<0.60 UJ9,(1)**	<0.71 (1)	1.6 (1)	<0.71 (1)	<0.59 (1)	7.5 (1)	6.2 (1)	<0.38 (1)	<0.013 (1)	2.5 (1)	<0.70 (1)	1.2 (1)	5.9 (1)	<0.31 (1)	<0.75 (1)	1.9 (1)	<0.47 (1)	<0.53 (1)	<0.53 (1)	<0.53 (1)
	10/12/2007	<0.35 (1)	<0.24 (1)	<0.30 (1)	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	4.8 (1)	<0.40 (1)	<0.19 (1)	<0.0053 (1)	<0.24 (1)	<0.35 (1)	0.87 (1)	4.2 (1)	<0.16 (1)	<0.38 (1)	1.4 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	10/12/2007 Dup	<0.28 (1)	<0.20 (1)	<0.24 (1)	<0.29 (1)	0.36 (1)	<0.29 (1)	<0.24 (1)	4.4 (1)	<0.32 (1)	<0.17 (1)	<0.0043 (1)	<0.19 (1)	<0.28 (1)	0.88 (1)	4.3 (1)	<0.13 (1)	<0.31 (1)	1.5 (1)	<0.19 (1)	<0.22 (1)	<0.22 (1)	<0.22 (1)
	1/24/2008	<0.29	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	1.8	<0.33	<0.16	<0.0044	<0.2	<0.29	<0.31	0.88	<0.13	<0.31	<0.31	<0.2	<0.22	<0.22	<0.22
	1/24/2008 Dup	<0.29	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	1.9	<0.33	<0.16	<0.0044	<0.2	<0.29	<0.31	0.88	<0.13	<0.32	<0.31	<0.2	<0.23	<0.23	<0.23
	4/9/2008	**<2.7**	<1.8	**<2.3**	<2.7	<3	<2.7	<2.3	<3.3	<3	<1.4	<0.027	<1.8	<2.7	<2.8	<2.8	<1.2	<2.9	<2.8	<1.8	<2	<2	<2
	7/7/2008	<0.37	<0.25	<0.32	<0.37	0.84	<0.37	<0.31	66	0.92	<0.2	0.081	<0.25	<0.37	3.5	18	<0.16	0.42	5.6	<0.25	<0.28	<0.28	<0.28
	9/8/2008	<0.3	<0.2	<0.25	<0.3	0.66	<0.3	<0.25	52	<0.33	<0.16	0.024	<0.2	<0.3	4.1	15	<0.13	<0.32	5.5	<0.2	<0.23	<0.23	<0.23
	9/8/2008 Dup	<0.25	<0.17	<0.21	<0.25	0.8	<0.25	<0.21	73	<0.28	<0.14	0.032	<0.17	<0.25	5.6	21	<0.11	0.29	7.6	<0.17	<0.19	<0.19	<0.19
	1/26/2009	<0.33	<0.22	<0.28	<0.33	<0.37	<0.33	<0.28	14	<0.37	<0.18	<0.012	<0.22	<0.33	2.3	9.1	<0.15	<0.35	3.5	<0.22	<0.25	<0.25	<0.25
	3/27/2009	<0.75	<0.52	**<0.64**	<0.76	<0.84	<0.76	<0.63	60 J11	<0.84	<0.41	**<0.13**	<0.51	<0.75	6.8 J11	25 J11	<0.33	<0.81	9.5 J11	<0.5	<0.58	<0.58	<0.58
	3/27/2009 Dup	<0.54	<0.37	<0.46	<0.55	<0.61	<0.55	<0.46	44 J11	<0.61	<0.29	**<0.15**	<0.37	<0.54	5.2 J11	19 J11	<0.24	<0.58	7.1 J11	<0.36	<0.41	<0.41	<0.41
IBM-22	1/16/2006	<0.35 UJ2,(1)	<0.24 UJ2,(1)	**2.4 J2,(1)**	<0.35 UJ2,(1)	<0.39 UJ2,(1)	<0.35 UJ2,(1)	<0.29 UJ2,(1)	14 J2,(1)	<0.39 UJ2,(1)	<0.19 UJ2,(1)	<0.010 UJ2,(1)	<0.24 UJ2,(1)	<0.35 UJ2,(1)	2.3 J2,(1)	8.9 J2,(1)	<0.15 UJ2,(1)	1.2 J2,(1)	2.5 J2,(1)	<0.23 UJ2,(1)	<0.27 UJ2,(1)	<0.27 UJ2,(1)	<0.27 UJ2,(1)
	1/21/2007	<0.37 (1)	<0.25 (1)	<0.32 (1)	<0.37 (1)	0.54 (1)	<0.37 (1)	<0.31 (1)	15 (1)	<0.42 (1)	<0.20 (1)	<0.0055 (1)	<0.25 (1)	<0.37 (1)	1.6 (1)	8.2 (1)	<0.16 (1)	<0.40 (1)	2.4 (1)	<0.25 (1)	<0.28 (1)	<0.28 (1)	<0.28 (1)
	3/4/2007	<0.32 (1)	<0.22 (1)	<0.28 (1)	<0.33 (1)	0.54 (1)	<0.33 (1)	<0.27 (1)	8.3 (1)	1.3 (1)	<0.17 (1)	<0.0048 (1)	<0.22 (1)	<0.32 (1)	1.1 (1)	5.5 (1)	<0.14 (1)	<0.35 (1)	1.6 (1)	<0.22 (1)	<0.25 (1)	<0.25 (1)	<0.25 (1)
	6/9/2007	<0.42 (1)	<0.29 (1)	<0.36 (1)	<0.43 (1)	0.51 (1)	<0.43 (1)	<0.35 (1)	22 (1)	<0.47 (1)	<0.23 (1)	<0.0053 (1)	<0.28 (1)	<0.42 (1)	2.5 (1)	13 (1)	<0.19 (1)	<0.45 (1)	3.7 (1)	<0.28 (1)	<0.32 (1)	<0.32 (1)	<0.32 (1)
	9/18/2007	<0.27 (1)	<0.19 (1)	<0.23 (1)	<0.27 (1)	0.41 (1)	<0.27 (1)	<0.23 (1)	15 (1)	<0.30 (1)	<0.15 (1)	<0.013 (1)	<0.18 (1)	<0.27 (1)	1.6 (1)	7.7 (1)	<0.12 (1)	<0.29 (1)	2.3 (1)	<0.18 (1)	<0.21 (1)	<0.21 (1)	<0.21 (1)
	1/18/2008	<0.29	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	9.1	<0.33	<0.16	<0.0044	<0.2	<0.29	1.4	6.4	<0.13	<0.32	1.9	<0.2	<0.23	<0.23	<0.23
	1/18/2008 Dup	<0.25	<0.18	<0.22	<0.26	<0.29	<0.26	<0.22	8.43	<0.29	<0.14	0.0045	<0.17	<0.26	1.11	5.21	<0.11	<0.28	1.6	<0.17	<0.2	<0.2	<0.2
	3/29/2008	<0.38	<0.26	<0.33	<0.39	<0.43	<0.39	<0.32	8.8	<0.43	<0.21	<0.0058	<0.26	<0.38	1.1	5.5	<0.17	<0.42	1.6	<0.26	<0.29	<0.29	<0.29
	3/29/2008 Dup	<0.45	<0.31	<0.38	<0.46	<0.5	<0.46	<0.38	8.8	<0.5	<0.24	<0.0067	<0.3	<0.45	1.1	5.4	<0.2	<0.49	1.6	<0.3	<0.34	<0.34	<0.34
	6/13/2008	<0.49	<0.34	<0.43	<0.5	0.67	<0.5	<0.42	9.8	1.2	<0.27	<0.011	<0.34	<0.5	1.2	5.9	<0.22	<0.54	1.8	<0.33	<0.38	<0.38	<0.38
	9/12/2008	<0.28	<0.19	<0.24	<0.28	0.33	<0.28	<0.24	25	<0.32	<0.15	<0.021	<0.19	<0.28	2.5	11	<0.12	<0.3	3.4	<0.19	<0.21	<0.21	<0.21
	12/5/2008	<0.39	<0.27	<0.34	<0.4	<0.44	<0.4	<0.33	15	<0.44	<0.21	<0.0099	<0.27	<0.39	2.2	9	<0.18	<0.43	3.1	<0.26	<0.3	<0.3	<0.3
	3/21/2009	<0.25	<0.17	<0.21	<0.25	0.31	<0.25	<0.21	15	<0.28	<0.13	<0.0037	<0.17	<0.25	1.7	7.3	<0.11	<0.27	2.3	<0.17	<0.19	<0.19	<0.19
IBM-24	1998 Feb	--	--	ND	--	--	--	--	9.3	--	--	--	0.7	--	ND	2.6	--	--	--	--	--	--	--

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																										
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																			
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-24	1998 Mar	2.5	--	--	--	--	--	--	--	ND	--	--	5.9	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	1998 Apr	2.6	--	--	--	--	--	--	--	ND	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	1998 2ndQ	2.2	--	--	--	--	--	--	--	ND	--	--	9.3	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 3rdQ	2.9	--	--	--	--	--	--	--	ND	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 4thQ	3.3	--	--	--	--	--	--	--	ND	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--
	1999 1stQ	3.2	--	--	--	--	--	--	--	ND	--	--	45	--	--	--	--	--	--	--	--	--	--	--	--	--	**28**	--
	1999 2ndQ	2.4	--	--	--	--	--	--	--	ND	--	--	19	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1999 3rdQ	1.8	--	--	--	--	--	--	--	ND	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1999 4thQ	3	--	--	--	--	--	--	--	**3.1**	--	--	880	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 1stQ	2.5	--	--	--	--	--	--	--	ND	--	--	810	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 1stQ Dup	3	--	--	--	--	--	--	--	ND	--	--	1100	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 1stQ Trip	2.5	--	--	--	--	--	--	--	ND	--	--	23	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 2ndQ	3	--	--	--	--	--	--	--	ND	--	--	1100	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 3rdQ	2.5	--	--	--	--	--	--	--	ND	--	--	23	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 4thQ	3.6	--	--	--	--	--	--	--	ND	--	--	510	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2001 2ndQ	2.8	--	--	--	--	--	--	--	ND	--	--	990	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2001 4thQ	3.1	--	--	--	--	--	--	--	ND	--	--	47	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2002 2ndQ	2.2	--	--	--	--	--	--	--	ND	--	--	37	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3	--
	2002 4thQ	3.8	1.4	--	--	--	--	--	<2.7	**<2.2 UJ9**	<1.5	<2.1	16	<1.0	<1.4	<1.6	<0.74	<1.8	<1.4	<1.4	5.7	<1.6	<1.9	<1.4	<1.2	<1.4	<1.0	<1.8	**<0.90 UJ9**
	2003 2ndQ	2.3	--	--	--	--	--	--	--	ND	--	--	320	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2003 4thQ	3.3	<1.6	--	--	--	--	--	<3.1	**<2.5 UJ9**	<1.7	<2.4	730	<1.1	<1.6	2.1	<0.84	<2.1	<1.6	<1.6	<1.8	<1.8	31	<1.6	<1.3	<1.6	<1.2	**<2.0 UJ9**	**<1.0 UJ9**
IBM-24AMB	1998 Mar	2.9	--	--	--	--	--	--	--	ND	--	--	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--
	1998 Apr	2.7	--	--	--	--	--	--	--	ND	--	--	3.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 2ndQ	2.1	--	--	--	--	--	--	--	ND	--	--	8.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 3rdQ	2.9	--	--	--	--	--	--	--	ND	--	--	6.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 4thQ	3.6	--	--	--	--	--	--	--	ND	--	--	8.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.8	--
	1999 1stQ	4	--	--	--	--	--	--	--	ND	--	--	9.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--
	1999 2ndQ	3.4	--	--	--	--	--	--	--	ND	--	--	290	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	1999 3rdQ	2.5	--	--	--	--	--	--	--	ND	--	--	9.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--
	1999 4thQ	3	--	--	--	--	--	--	--	ND	--	--	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 1stQ	2.6	--	--	--	--	--	--	--	ND	--	--	9.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 2ndQ	2.5	--	--	--	--	--	--	--	ND	--	--	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 3rdQ	2.5	--	--	--	--	--	--	--	ND	--	--	39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 4thQ	5.2	--	--	--	--	--	--	--	ND	--	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.1**	--
	2001 4thQ	2.4	--	--	--	--	--	--	--	ND	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2002 2ndQ	2.9	--	--	--	--	--	--	--	ND	--	--	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.92	--
	2002 4thQ	4.9	<1.4	--	--	--	--	--	<2.7	**<2.2 UJ9**	<1.4	<2.1	11	<0.98	<1.4	<1.8	<0.72	<1.8	<1.4	<1.4	5.8	<1.6	<1.9	<1.4	<1.1	<1.4	<1.0	1.8	**<0.88 UJ9**
	2003 2ndQ	2.7	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2003 4thQ	2.9	<1.6	--	--	--	--	--	<3.1	**<2.5 UJ9**	<1.6	<2.4	<13	<1.1	<1.6	<1.8	<0.84	<2.1	<1.6	<1.6	<1.8	<1.8	<2.2	<1.6	<1.3	<1.6	<1.2	<2.0	**<1.0 UJ9**
	12/17/2005	2.3 J2,(2)	<1.3 UJ2,(2)	<0.13 UJ2,(2)	21.8 J2,(2)	78.2 J2,(2)	<0.13 UJ2,(2)	<0.13 UJ2,(2)	<0.63 UJ2,(2)	**<0.51 UJ2,UJ9,(2)**	<0.33 UJ2,(2)	<0.49 UJ2,(2)	5.8 M,J2,J6,(2)	<0.23 UJ2,(2)	<0.33 UJ2,(2)	<0.37 UJ2,(2)	<0.17 UJ2,(2)	<0.42 UJ2,(2)	<0.33 UJ2,(2)	<0.32 UJ2,(2)	<0.36 UJ2,(2)	<0.37 UJ2,(2)	0.94 J2,(2)	<0.33 UJ2,(2)	<0.27 UJ2,(2)	<0.32 UJ2,(2)	<0.24 UJ2,(2)	0.76 J2,(2)	<0.21 UJ2,(2)
	1/15/2006	2.3 (2)	<1.5 (2)	<0.15 (2)	21.8 (2)	78.1 (2)	<0.15 (2)	<0.15 (2)	<0.71 (2)	<0.014 (2)	<0.38 (2)	<0.55 (2)	6.6 (2)	<0.26 (2)	<0.37 (2)	<0.42 (2)	<0.19 (2)	<0.47 (2)	<0.37 (2)	<0.36 (2)	<0.41 (2)	<0.41 (2)	0.74 (2)	<0.37 (2)	<0.30 (2)	<0.36 (2)	<0.27 (2)	<0.46 (2)	<0.23 (2)
	12/10/2006	1.6 (2)	<2.0 (2)	<0.20 (2)	22.2 (2)	77.7 (2)	<0.20 (2)	<0.20 (2)	<0.74 (2)	<0.020 (2)	<0.39 (2)	<0.58 (2)	5.3 (2)	<0.27 (2)	<0.38 (2)	<0.44 (2)	<0.20 (2)	<0.49 (2)	<0.38 (2)	<0.38 (2)	<0.42 (2)	<0.43 (2)	<0.52 (2)	<0.38 (2)	<0.31 (2)	<0.38 (2)	<0.28 (2)	<0.48 (2)	<0.24 (2)
	3/11/2007	3 (2)	<1.8 (2)	<0.18 (2)	22.2 (2)	77.7 (2)	<0.18 (2)	<0.18 (2)	<0.85 (2)	<0.017 (2)	<0.45 (2)	<0.66 (2)	9.1 (2)	<0.31 (2)	<0.44 (2)	<0.50 (2)	<0.23 (2)	<0.56 (2)	<0.44 (2)	<0.43 (2)	<0.49 (2)	<0.50 (2)	1.1 (2)	<0.44 (2)	<0.36 (2)	<0.43 (2)	<0.32 (2)	0.97 (2)	<0.28 (2)
	6/10/2007	2 (2)	<1.6 (2)	--	--	--	--	--	<0.76 (2)	<0.015 (2)	<0.40 (2)	<0.59 (2)	3.4 *,(2)	<0.28 (2)	<0.39 (2)	<0.45 (2)	<0.20 (2)	<0.50 (2)	<0.39 (2)	<0.39 (2)	<0.43 (2)	0.50 M,(2)	<0.53 (2)	<0.39 (2)	<0.32 (2)	<0.39 (2)	<0.29 (2)	<0.49 (2)	<0.25 (2)
	9/24/2007	2.2 (2)	<1.7 (2)	--	--	--	--	--	0.82 V,(2)	<0.027 (2)	<0.44 (2)	<0.64 (2)	4.4 (2)	<0.30 (2)	<0.43 (2)	<0.49 (2)	<0.22 (2)	<0.54 (2)	<0.43 (2)	<0.42 (2)	<0.47 (2)	<2.4 (2)	<0.57 (2)	<0.43 (2)	<0.35 (2)	<0.42 (2)	<0.31 (2)	<0.53 (2)	<0.27 (2)
	1/12/2008	3.6	<1.4	--	--	--	--	--	<0.69	<0.014	<0.37	<0.54	25	0.3	<0.36	0.85	<0.19	<0.46	<0.36	<0.35	<0.39	<2	1.62	<0.36	<0.29	<0.35	<0.26	1.7	<0.23
	3/25/2008	2.1	<1.9	--	--	--	--	--	<1.1	<0.023	<0.61	<0.89	9.5 M	<0.42	<0.59	<0.68	<0.31	<0.76	<0.59	<0.58	<0.65	<3.3	0.89	<0.59	<0.48	<0.58	<0.43	<0.74	<0.37
	7/7/2008	1.6	<1.7	--	--	--	--	--	<0.72	<0.014	<0.38	<0.56	7.5 M	<0.26	<0.37	<0.43	<0.19	<0.47	<0.37	<0.37	<0.41	<2.1	0.97	<0.37	<0.3	<0.37	<0.27	<0.46	<0.24
	7/7/2008 Dup	1.6	<1.9	--	--	--	--	--	<0.77	<0.015	<0.41	<0.6	10 M	<0.28	<0.4	<0.46	<0.21	<0.51	<0.4	<0.39	<0.44	<2.2	1.6	<0.4	<0.32	<0.39	<0.29	<0.5	<0.25
	9/27/2008	1.9	5.5	--	--	--	--	--	<0.58	<0.012	<0.31	<0.46	9.5 M	<0.21	<0.3	<0.35	<0.16	<0.39	<0.3	<0.3	<0.33	<1.7	0.57	<0.3	<0.25	<0.3	<0.22	0.6	<0.19
	12/22/2008	2.7	<1.5	--	--	--	--	--	<0.67	<0.013	<0.35	<0.52	8.4	0.25	<0.35	0.61	<0.18	<0.44	<0.35	<0.34	<0.38	<2	0.82	<0.35	<0.28	<0.34	<0.25	0.73	<0.22
	3/27/2009	3.3 U11	<1.5	--	--	--	--	--	<0.64	<0.013	<0.34	<0.5	8.9 U11	0.31 U11	<0.34	<0.38	<0.17	<0.43	<0.34	<0.33	<0.37	<1.9	0.91 U11	<0.34	<0.27	<0.33	<0.24	0.51 U11	<0.21
IBM-24B	1998 Feb	3.8	--	--	--	--	--	--	--	ND	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--
	1998 Mar	3.3	--	--	--	--	--	--	--	ND	--	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--
	1998 Apr	3.9	--	--	--	--	--	--	--	ND	--	--	8.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 2ndQ	2.7	--	--	--	--	--	--	--	ND	--	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 3rdQ	3.5	--	--	--	--	--	--	--	ND	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.7**	--
	1998 4thQ	3	--	--	--	--	--	--	--	ND	--	--	8.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--
	1999 1stQ	4.4	--	--	--	--	--	--	--	ND	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.4**	--
	1999 2ndQ	2.9	--	--	--	--	--	--	--	ND	--	--	34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.6	--
	1999 3rdQ	2.5	--	--	--	--	--	--	--	ND	--	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1999 4thQ	4.5	--	--	--	--	--	--	--	ND	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	2000 1stQ	3.2	--	--	--	--	--	--	--	ND	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 2ndQ	3.2	--	--	--	--	--	--	--	ND	--	--	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.7	--
	2000 3rdQ	4	--	--	--	--	--	--	--	ND	--	--	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 4thQ	4.4	--	--	--	--	--	--	--	ND	--	--	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.3**	--
	2001 2ndQ	3.9	--	--	--	--	--	--	--	ND	--	--	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2001 4thQ	3.9	--	--	--	--	--	--	--	ND	--	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2002 2ndQ	2.7	--	--	--	--	--	--	--	ND	--	--	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.81	--
	2002 4thQ	6.2	<1.3	--	--	--	--	--	<2.6	**<2.1 UJ9**	<1.4	<2.0	15	<0.94	<1.3	<1.5	<0.69	<1.7	<1.3	<1.3	6	<1.5	2	<1.3	<1.1	<1.3	<0.97	1.9	**<0.84**
	2003 2ndQ	3.6	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2003 4thQ	6	<1.6	--	--	--	--	--	<3.2	**2.6**	<1.7	<2.5	23	<1.2	<1.7	<1.9	<0.86	<2.1	<1.7	<1.6	<1.8	<1.9	<2.2	<1.7	<1.3	<1.6	<1.2	**<2.1 UJ9**	**<1.0 UJ9**
	12/17/2005	6.8 J2,(1)	<1.2 UJ2,(1)	<0.12 UJ2,(1)	21.7 J2,(1)	78.2 J2,(1)	<0.12 UJ2,(1)	<0.12 UJ2,(1)	<0.58 UJ2,(1)	**<0.47 UJ2,UJ9,(1)**	<0.31 UJ2,(1)	<0.45 UJ2,(1)	6.9 M,J2,J6,(1)	0.24 J2,(1)	<0.30 UJ2,(1)	<0.34 UJ2,(1)	<0.16 UJ2,(1)	<0.38 UJ2,(1)	<0.30 UJ2,(1)	<0.29 UJ2,(1)	<0.33 UJ2,(1)	<0.34 UJ2,(1)	0.97 J2,(1)	<0.30 UJ2,(1)	<0.24 UJ2,(1)	<0.29 UJ2,(1)	<0.22 UJ2,(1)	0.76 J2,(1)	<0.19 UJ2,(1)
	1/15/2006	4 (1)	<1.5 (1)	<0.15 (1)	21.8 (1)	78.1 (1)	<0.15 (1)	<0.15 (1)	<0.71 (1)	<0.014 (1)	<0.38 (1)	<0.56 (1)	16 J8,(1)	<0.26 (1)	<0.37 (1)	<0.42 (1)	<0.19 (1)	<0.47 (1)	<0.37 (1)	<0.36 (1)	<0.41 (1)	<0.42 (1)	1.2 J8,(1)	<0.37 (1)	<0.30 (1)	<0.36 (1)	<0.27 (1)	1.1 J8,(1)	<0.23 (1)
	1/15/2006 Dup	3.3 (1)	<1.4 (1)	<0.14 (1)	21.8 (1)	78.2 (1)	<0.14 (1)	<0.14 (1)	<0.66 (1)	<0.013 (1)	<0.35 (1)	<0.52 (1)	6.8 J8,(1)	<0.24 (1)	<0.34 (1)	<0.39 (1)	<0.18 (1)	<0.44 (1)	<0.34 (1)	<0.34 (1)	<0.38 (1)	<0.39 (1)	0.68 J8,(1)	<0.34 (1)	<0.28 (1)	<0.34 (1)	<0.25 (1)	0.45 J8,(1)	<0.22 (1)
	12/10/2006	3.2 (1)	<1.5 (1)	<0.15 (1)	22.2 (1)	77.8 (1)	<0.15 (1)	<0.15 (1)	<0.72 (1)	<0.029 (1)	<0.38 (1)	<0.56 (1)	29 (1)	<0.27 (1)	<0.38 (1)	0.44 (1)	<0.19 (1)	<0.48 (1)	<0.38 (1)	<0.37 (1)	<0.41 (1)	<0.42 (1)	1 (1)	<0.38 (1)	<0.31 (1)	<0.37 (1)	<0.27 (1)	0.48 (1)	<0.24 (1)
	3/11/2007	4.3 (1)	<1.7 (1)	<0.17 (1)	22.2 (1)	77.8 (1)	<0.17 (1)	<0.17 (1)	<0.80 (1)	<0.016 (1)	<0.43 (1)	<0.63 (1)	36 (1)	<0.29 (1)	<0.42 (1)	0.72 (1)	<0.22 (1)	<0.53 (1)	<0.42 (1)	<0.41 (1)	<0.46 (1)	<0.47 (1)	1.5 (1)	<0.42 (1)	<0.34 (1)	<0.41 (1)	<0.30 (1)	1.1 (1)	<0.26 (1)
	6/9/2007	3.1 (1)	<1.6 (1)	--	--	--	--	--	<0.78 (1)	<0.016 (1)	<0.41 (1)	<0.61 (1)	32 *,(1)	<0.29 (1)	<0.41 (1)	0.48 (1)	<0.21 (1)	<0.52 (1)	<0.41 (1)	<0.40 (1)	<0.45 (1)	1.7 M,(1)	0.85 (1)	<0.41 (1)	<0.33 (1)	<0.40 (1)	<0.30 (1)	<0.50 (1)	<0.26 (1)
	6/9/2007 Dup	3.1 (1)	<1.6 (1)	--	--	--	--	--	<0.78 (1)	<0.016 (1)	<0.41 (1)	<0.61 (1)	24 *,(1)	<0.28 (1)	<0.40 (1)	0.47 (1)	<0.21 (1)	<0.51 (1)	<0.40 (1)	<0.40 (1)	<0.44 (1)	1.4 M,(1)	0.84 (1)	<0.40 (1)	<0.33 (1)	<0.40 (1)	<0.29 (1)	<0.50 (1)	<0.25 (1)
	9/24/2007	3.5 (1)	<2.0 (1)	--	--	--	--	--	<0.97 V,(1)	<0.020 (1)	<0.52 (1)	<0.76 (1)	25 (1)	<0.36 (1)	<0.51 (1)	<0.58 (1)	<0.26 (1)	<0.65 (1)	<0.51 (1)	<0.50 (1)	<0.56 (1)	<2.9 (1)	0.92 (1)	<0.51 (1)	<0.41 (1)	<0.50 (1)	<0.37 (1)	<0.63 (1)	<0.32 (1)
	9/24/2007 Dup	3.3 (1)	<1.7 (1)	--	--	--	--	--	<0.81 V,(1)	<0.016 (1)	<0.43 (1)	<0.63 (1)	24 (1)	<0.30 (1)	<0.42 (1)	0.54 (1)	<0.22 (1)	<0.54 (1)	<0.42 (1)	<0.41 (1)	<0.46 (1)	<2.4 (1)	0.93 (1)	<0.42 (1)	<0.34 (1)	<0.41 (1)	<0.31 (1)	<0.52 (1)	<0.27 (1)
	1/24/2008	3.1 J	<1.4	--	--	--	--	--	<0.63	<0.013	<0.33	<0.49	11 M	0.25	<0.33	0.91	<0.17	<0.41	<0.33	<0.32	<0.36	<1.8	0.54	<0.33	<0.26	<0.32	<0.24	<0.4	<0.21
	3/25/2008	2.7	1.6	--	--	--	--	--	<0.97	<0.02	<0.52	<0.76	30 M	<0.36	<0.51	<0.58	<0.26	<0.64	<0.51	<0.5	<0.56	<2.9	1.1	<0.51	<0.41	<0.5	<0.37	<0.63	<0.32
	3/25/2008 Dup	2.6	<1.5	--	--	--	--	--	<0.92	<0.018	<0.49	<0.72	28 M	<0.34	<0.48	<0.54	<0.25	<0.61	<0.48	<0.47	<0.52	<2.7	0.99	<0.48	<0.39	<0.47	<0.35	<0.59	<0.3

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-24	1998 Mar	--	--	ND	--	--	--	--	3.2	--	--	--	ND	--	ND	1.1	--	--	--	--	--	--	--
	1998 Apr	--	--	ND	--	--	--	--	2.9	--	--	--	2.1	--	ND	ND	--	--	--	--	--	--	--
	1998 2ndQ	--	--	1.1	--	--	--	--	14	--	--	--	4.7	--	ND	1.8	--	--	--	--	--	--	--
	1998 3rdQ	--	--	ND	--	--	--	--	3.4	--	--	--	ND	--	ND	1.1	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	4.7	--	--	--	ND	--	ND	2	--	--	--	--	--	--	--
	1999 1stQ	--	--	ND	--	--	--	--	6.7	--	--	--	ND	--	2.3	9.6	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	2.3	--	--	--	ND	--	ND	1.7	--	--	--	--	--	--	--
	1999 3rdQ	--	--	ND	--	--	--	--	17	--	--	--	ND	--	ND	1.9	--	--	--	--	--	--	--
	1999 4thQ	--	--	ND	--	--	--	--	9.4	--	--	--	ND	--	1.2	4.3	--	--	--	--	--	--	--
	2000 1stQ	--	--	ND	--	--	--	--	7	--	--	--	ND	--	0.9	3.3	--	--	--	--	--	--	--
	2000 1stQ Dup	--	--	ND	--	--	--	--	8.3	--	--	--	ND	--	ND	2	--	--	--	--	--	--	--
	2000 1stQ Trip	--	--	ND	--	--	--	--	3.2	--	--	--	ND	--	ND	1.1	--	--	--	--	--	--	--
	2000 2ndQ	--	--	ND	--	--	--	--	8.3	--	--	--	ND	--	ND	2	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	3.2	--	--	--	ND	--	ND	1.1	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	6.9	--	--	--	ND	--	ND	4.2	--	--	--	--	--	--	--
	2001 2ndQ	--	--	ND	--	--	--	--	1.8	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2001 4thQ	--	--	ND	--	--	--	--	6	--	--	--	ND	--	ND	5.5	--	--	--	--	--	--	--
	2002 2ndQ	--	--	ND	--	--	--	--	5.6	--	--	--	ND	--	6.8	2.3	--	--	--	--	--	--	--
	2002 4thQ	<0.94	<0.84	**<1.0 UJ9**	<1.2	<1.4	<1.4	<1.2	<1.0	7.1	<1.4	<0.66	**<0.73 UJ9**	<0.83	<1.2	<1.3	2.7	<0.55	<1.3	<1.3	<0.82	<0.94	<0.94	<0.94
	2003 2ndQ	--	--	ND	--	--	--	--	6.7	--	--	--	--	ND	--	ND	3.6	--	--	--	--	--	--	--
	2003 4thQ	<1.4	<0.96	**<1.2 UJ9**	<1.4	<1.6	<1.4	<1.2	4.7	<1.6	<0.76	**<0.84 UJ9**	<0.95	<1.4	<1.5	2.5	<0.62	<1.5	<1.5	<0.94	<1.1	<1.1	<1.1
IBM-24AMB	1998 Mar	--	--	ND	--	--	--	--	3.2	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1998 Apr	--	--	ND	--	--	--	--	2.1	--	--	--	ND	--	ND	0.8	--	--	--	--	--	--	--
	1998 2ndQ	--	--	ND	--	--	--	--	2.5	--	--	--	ND	--	ND	1.2	--	--	--	--	--	--	--
	1998 3rdQ	--	--	ND	--	--	--	--	6.9	--	--	--	ND	--	ND	0.9	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	1.3	--	--	--	--	--	--	--
	1999 1stQ	--	--	ND	--	--	--	--	4.8	--	--	--	ND	--	ND	2.3	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	3.2	--	--	--	ND	--	ND	2.2	--	--	--	--	--	--	--
	1999 3rdQ	--	--	ND	--	--	--	--	3	--	--	--	ND	--	ND	1.4	--	--	--	--	--	--	--
	1999 4thQ	--	--	ND	--	--	--	--	3.2	--	--	--	ND	--	ND	1.7	--	--	--	--	--	--	--
	2000 1stQ	--	--	ND	--	--	--	--	2.2	--	--	--	ND	--	ND	0.9	--	--	--	--	--	--	--
	2000 2ndQ	--	--	ND	--	--	--	--	3.8	--	--	--	ND	--	ND	3	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	2.7	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	5.9	--	--	--	1.4	--	0.8	2.7	--	--	--	--	--	--	--
	2001 4thQ	--	--	ND	--	--	--	--	3.2	--	--	--	ND	--	ND	5.1	--	--	--	--	--	--	--
	2002 2ndQ	--	--	ND	--	--	--	--	3.1	--	--	--	ND	--	0.42	1.3	--	--	--	--	--	--	--
	2002 4thQ	<1.2	<0.82	<1.0	<1.2	<1.3	<1.2	<1.0	6	<1.3	<0.65	**<0.72 UJ9**	<0.81	<1.2	<1.3	2.5	<0.53	<1.3	<1.3	<0.80	<0.92	<0.92	<0.92
	2003 2ndQ	--	--	ND	--	--	--	--	4.6	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 4thQ	<1.4	<0.96	<1.2	<1.4	<1.6	<1.4	<1.2	2.3	<1.6	<0.75	**<0.83 UJ9**	<0.94	<1.4	<1.5	<1.5	<0.62	<1.5	<1.5	<0.93	<1.1	<1.1	<1.1
	12/17/2005	<0.28 UJ2,(2)	<0.19 UJ2,(2)	<0.24 UJ2,(2)	<0.29 UJ2,(2)	<0.32 UJ2,(2)	<0.29 UJ2,(2)	<0.24 UJ2,(2)	2.1 J2,(2)	<0.32 UJ2,(2)	<0.15 UJ2,(2)	**<0.17 UJ2,UJ9,(2)**	<0.19 UJ2,(2)	<0.28 UJ2,(2)	<0.30 UJ2,(2)	1.1 J2,(2)	<0.13 UJ2,(2)	<0.31 UJ2,(2)	0.40 J2,(2)	<0.19 UJ2,(2)	<0.22 UJ2,(2)	<0.22 UJ2,(2)	<0.22 UJ2,(2)
	1/15/2006	<0.32 (2)	<0.22 (2)	**2.2 (2)**	<0.32 (2)	<0.36 (2)	<0.32 (2)	<0.27 (2)	1.9 (2)	<0.36 (2)	<0.17 (2)	<0..0048 (2)	<0.22 (2)	<0.32 (2)	<0.34 (2)	0.63 (2)	<0.14 (2)	<0.34 (2)	<0.34 (2)	<0.21 (2)	<0.24 (2)	<0.24 (2)	<0.24 (2)
	12/10/2006	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	0.79	<0.37	<0.18	<0.0065	<0.22	<0.33	<0.35	<0.35	<0.15	<0.36	<0.35	<0.22	<0.25	<0.25	<0.25
	3/11/2007	<0.38 (2)	<0.26 (2)	<0.33 (2)	<0.39 (2)	<0.43 (2)	<0.39 (2)	<0.32 (2)	4.1 (2)	<0.43 (2)	<0.21 (2)	<0.0057 (2)	<0.26 (2)	<0.38 (2)	0.44 (2)	1.8 (2)	<0.17 (2)	<0.41 (2)	0.63 (2)	<0.25 (2)	<0.29 (2)	<0.29 (2)	<0.29 (2)
	6/10/2007	<0.34 (2)	<0.23 (2)	<0.29 (2)	<0.34 (2)	<0.38 (2)	<0.34 (2)	<0.29 (2)	0.61 (2)	<0.38 (2)	<0.18 (2)	<0.0051 (2)	<0.23 (2)	<0.34 (2)	<0.36 (2)	<0.36 (2)	<0.15 (2)	<0.37 (2)	<0.36 (2)	<0.23 (2)	<0.26 (2)	<0.26 (2)	<0.26 (2)
	9/24/2007	<0.37 (2)	<0.25 (2)	<0.31 (2)	<0.37 (2)	<0.41 (2)	<0.37 (2)	<0.31 (2)	0.59 (2)	<0.41 (2)	<0.20 (2)	<0.00091 (2)	<0.25 (2)	<0.37 (2)	<0.39 (2)	<0.39 (2)	<0.16 (2)	<0.40 (2)	<0.39 (2)	<0.25 (2)	<0.28 (2)	<0.28 (2)	<0.28 (2)
	1/12/2008	<0.31	<0.21	<0.26	<0.31	<0.35	<0.31	<0.26	5.11	<0.35	<0.17	<0.0046	<0.21	<0.31	0.802	3.4	<0.14	<0.33	1.13	<0.21	<0.24	<0.24	<0.24
	3/25/2008	<0.51	<0.35	<0.44	<0.52	<0.57	<0.52	<0.43	1.3	<0.57	<0.28	<0.0077	<0.35	<0.51	<0.54	0.69	<0.23	<0.55	<0.54	<0.34	<0.39	<0.39	<0.39
	7/7/2008	<0.32	<0.22	<0.28	<0.33	<0.36	<0.33	<0.27	1.2	<0.36	<0.17	<0.0048	<0.22	<0.32	<0.34	0.74	<0.14	<0.35	<0.34	<0.22	<0.25	<0.25	<0.25
	7/7/2008 Dup	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	1.4	<0.39	<0.19	<0.0051	<0.23	<0.34	<0.36	1.5	<0.15	<0.37	0.62	<0.23	<0.26	<0.26	<0.26
	9/27/2008	<0.26	<0.18	<0.22	<0.27	<0.29	<0.27	<0.22	1.2	<0.29	<0.14	<0.0039	<0.18	<0.26	<0.28	0.59	<0.12	<0.28	<0.28	<0.18	<0.2	<0.2	<0.2
	12/22/2008	<0.3	<0.21	<0.26	<0.3	<0.34	<0.3	<0.25	2.7	<0.34	<0.16	<0.0044	<0.2	<0.3	0.39	1.5	<0.13	<0.32	0.49	<0.2	<0.23	<0.23	<0.23
	3/27/2009	<0.29	<0.2	<0.25	<0.29	<0.32	<0.29	<0.24	1.4 U11	<0.32	<0.16	<0.0043	<0.2	<0.29	<0.31	0.67 U11	<0.13	<0.31	<0.31	<0.19	<0.22	<0.22	<0.22
IBM-24B	1998 Feb	--	--	ND	--	--	--	--	4.7	--	--	--	0.62	--	ND	1.7	--	--	--	--	--	--	--
	1998 Mar	--	--	ND	--	--	--	--	3.9	--	--	--	ND	--	ND	1.4	--	--	--	--	--	--	--
	1998 Apr	--	--	ND	--	--	--	--	3.1	--	--	--	0.92	--	ND	ND	--	--	--	--	--	--	--
	1998 2ndQ	--	--	ND	--	--	--	--	3.6	--	--	--	ND	--	ND	1.3	--	--	--	--	--	--	--
	1998 3rdQ	--	--	ND	--	--	--	--	3	--	--	--	ND	--	ND	1	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	1.3	--	--	--	--	--	--	--
	1999 1stQ	--	--	**1**	--	--	--	--	2.5	--	--	--	ND	--	1.8	4.2	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	11	--	--	--	0.84	--	6	28	--	--	--	--	--	--	--
	1999 3rdQ	--	--	ND	--	--	--	--	3.6	--	--	--	3.6	--	ND	1.3	--	--	--	--	--	--	--
	1999 4thQ	--	--	ND	--	--	--	--	3.9	--	--	--	ND	--	ND	1.7	--	--	--	--	--	--	--
	2000 1stQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	1.2	--	--	--	--	--	--	--
	2000 2ndQ	--	--	ND	--	--	--	--	9.1	--	--	--	ND	--	1.5	6	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	4.6	--	--	--	ND	--	ND	1	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	7.1	--	--	--	0.95	--	0.8	2.9	--	--	--	--	--	--	--
	2001 2ndQ	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2001 4thQ	--	--	ND	--	--	--	--	3.6	--	--	--	ND	--	ND	1.4	--	--	--	--	--	--	--
	2002 2ndQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	1	--	--	--	--	--	--	--
	2002 4thQ	<1.1	<0.79	**<0.98 UJ9**	<1.2	<1.3	<1.2	<0.97	6.2	<1.3	<0.62	**<0.69 UJ9**	<0.78	<1.1	<1.2	2.7	<0.51	<1.2	<1.2	<0.77	<0.88	<0.88	<0.88
	2003 2ndQ	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 4thQ	<1.4	<0.98	**<1.2 UJ9**	<1.4	<1.6	<1.4	<1.2	3.8	<1.6	<0.77	**<0.85 UJ9**	<0.97	<1.4	<1.5	1.8	<0.63	<1.5	<1.5	<0.96	<1.1	<1.1	<1.1
	12/17/2005	<0.26 UJ2,(1)	<0.18 UJ2,(1)	<0.22 UJ2,(1)	<0.26 UJ2,(1)	<0.29 UJ2,(1)	<0.26 UJ2,(1)	<0.22 UJ2,(1)	2.2 J2,(1)	<0.29 UJ2,(1)	<0.14 UJ2,(1)	**<0.15 UJ2,UJ9,(1)**	<0.18 UJ2,(1)	<0.26 UJ2,(1)	0.28 J2,(1)	1.0 J2,(1)	<0.12 UJ2,(1)	<0.28 UJ2,(1)	0.36 J2,(1)	<0.17 UJ2,(1)	<0.20 UJ2,(1)	<0.20 UJ2,(1)	<0.20 UJ2,(1)
	1/15/2006	<0.32 (1)	<0.22 (1)	**4.2 J8,(1)**	<0.32 (1)	<0.36 (1)	<0.32 (1)	<0.27 (1)	4.3 J8,(1)	<0.36 (1)	<0.17 (1)	<0.0048 (1)	<0.22 (1)	<0.32 (1)	0.57 (1)	2.1 J8,(1)	<0.14 (1)	<0.35 (1)	0.81 J8,(1)	<0.21 (1)	<0.24 (1)	<0.24 (1)	<0.24 (1)
	1/15/2006 Dup	<0.29 (1)	<0.20 (1)	**1.2 J8,(1)**	<0.30 (1)	<0.33 (1)	<0.30 (1)	<0.25 (1)	1.8 J8,(1)	<0.33 (1)	<0.16 (1)	<0.0044 (1)	<0.20 (1)	<0.30 (1)	<0.31 (1)	0.97 J8,(1)	<0.13 (1)	<0.32 (1)	0.37 J8,(1)	<0.20 (1)	<0.23 (1)	<0.23 (1)	<0.23 (1)
	12/10/2006	<0.32 (1)	<0.22 (1)	<0.28 (1)	<0.33 (1)	<0.36 (1)	<0.33 (1)	<0.27 (1)	2.3 (1)	<0.36 (1)	<0.17 (1)	<0.0097 (1)	<0.22 (1)	<0.32 (1)	<0.34 (1)	0.9 (1)	<0.14 (1)	<0.35 (1)	<0.34 (1)	<0.22 (1)	<0.25 (1)	<0.25 (1)	<0.25 (1)
	3/11/2007	<0.36 (1)	<0.25 (1)	<0.31 (1)	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	4.5 (1)	<0.40 (1)	<0.19 (1)	<0.0054 (1)	0.29 (1)	<0.36 (1)	0.46 (1)	1.8 (1)	<0.16 (1)	<0.39 (1)	0.64 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	6/9/2007	<0.35 (1)	<0.24 (1)	<0.30 (1)	<0.35 (1)	<0.39 (1)	<0.35 (1)	<0.30 (1)	1.4 (1)	<0.39 (1)	<0.19 (1)	<0.0052 (1)	<0.24 (1)	<0.35 (1)	<0.37 (1)	0.61 (1)	<0.16 (1)	<0.38 (1)	<0.37 (1)	<0.23 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	6/9/2007 Dup	<0.35 (1)	<0.24 (1)	<0.30 (1)	<0.35 (1)	<0.39 (1)	<0.35 (1)	<0.29 (1)	1.4 (1)	<0.39 (1)	<0.19 (1)	<0.0052 (1)	<0.24 (1)	<0.35 (1)	<0.37 (1)	0.61 (1)	<0.15 (1)	<0.38 (1)	<0.37 (1)	<0.23 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	9/24/2007	<0.44 (1)	<0.30 (1)	<0.37 (1)	<0.44 (1)	<0.49 (1)	<0.44 (1)	<0.37 (1)	1.4 (1)	<0.49 (1)	<0.24 (1)	<0.0065 (1)	<0.30 (1)	<0.44 (1)	<0.46 (1)	0.71 (1)	<0.19 (1)	<0.47 (1)	<0.46 (1)	<0.29 (1)	<0.33 (1)	<0.33 (1)	<0.33 (1)
	9/24/2007 Dup	<0.36 (1)	<0.25 (1)	<0.31 (1)	<0.37 (1)	<0.41 (1)	<0.37 (1)	<0.31 (1)	1.5 (1)	<0.41 (1)	<0.20 (1)	<0.0054 (1)	<0.25 (1)	<0.36 (1)	<0.38 (1)	0.73 (1)	<0.16 (1)	<0.39 (1)	<0.38 (1)	<0.24 (1)	<0.28 (1)	<0.28 (1)	<0.28 (1)
	1/24/2008	<0.28	<0.19	<0.24	<0.28	<0.32	<0.28	<0.24	0.83	<0.32	<0.15	<0.0042	<0.19	<0.28	<0.3	0.48	<0.12	<0.3	<0.3	<0.19	<0.21	<0.21	<0.21
	3/25/2008	<0.43	<0.3	<0.37	<0.44	<0.49	<0.44	<0.37	2.6	<0.49	<0.24	<0.0065	<0.3	<0.44	<0.46	1.0	<0.19	<0.47	<0.46	<0.29	<0.33	<0.33	<0.33
	3/25/2008 Dup	<0.41	<0.28	<0.35	<0.42	<0.46	<0.42	<0.35	2.5	<0.46	<0.22	<0.0061	<0.28	<0.41	<0.44	0.99	<0.18	<0.44	<0.44	<0.28	<0.31	<0.31	<0.31

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																											
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																				
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-24B	6/27/2008	2.5	<1.2	--	--	--	--	--	<0.55 V,L	<0.011	<0.29	<0.43	27	0.27	<0.29	0.4	<0.15	<0.36	<0.29	<0.28	<0.31	<1.6	1.2	1.4	<0.23	<0.28	<0.21	<0.35	<0.18
	9/12/2008	2.5	5.2	--	--	--	--	--	<0.56	<0.023	<0.3	<0.44	20	0.21	<0.29	<0.33	<0.15	<0.37	<0.29	<0.29	<0.32	<1.6	1.1	<0.29	<0.24	<0.29	<0.21	<0.36	<0.18
	12/12/2008	3.3	4.9	--	--	--	--	--	<1.1	<0.074	<0.58	<0.85	320	<0.4	<0.57	<0.65	<0.29	<0.72	<0.57	<0.56	<0.62	<3.2	0.87	<0.57	<0.46	<0.56	<0.41	<0.7	<0.36
	12/12/2008 Dup	3.5	5.78	--	--	--	--	--	<1.1	<0.073	<0.58	<0.86	340	<0.4	<0.57	<0.65	<0.3	<0.73	<0.57	<0.56	<0.63	<3.2	<0.77	<0.57	<0.46	<0.56	<0.41	<0.71	<0.36
	3/20/2009	2.2	<1.2	--	--	--	--	--	<0.56	<0.023	<0.3	<0.44	17	0.29	<0.29	0.37	<0.15	<0.37	<0.29	<0.29	<0.32	<1.6	0.86	<0.29	<0.24	<0.29	<0.21	0.41	<0.18
AMB PARCEL 26	2002 1stQ	2.5	<2.0	--	--	--	--	--	<3.9	**<3.1 UJ9**	<2.1	<3.0	19	<1.4	<2.0	<2.3	<1.0	<2.6	<2.0	<2.0	<2.2	<2.3	<2.7	<2.0	<1.6	<2.0	<1.5	**2.5**	**<1.3 UJ9**
	2002 2ndQ	--	--	--	--	--	--	--	--	ND	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.92	--
	2002 4thQ	3.2	<1.6	--	--	--	--	--	<3.0	**<2.4 UJ9**	<1.6	<2.4	12	<1.1	<1.6	<1.8	<0.81	<2.0	<1.6	<1.5	5.4	<1.8	<2.1	<1.6	<1.3	<1.5	<1.1	**<2.0 UJ9**	**<0.99 UJ9**
	2003 2ndQ	2	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2003 4thQ	2.2	1.6	--	--	--	--	--	<3.1	**<2.5 UJ9**	<1.6	<2.4	23	<1.1	<1.6	<1.8	<0.82	<2.0	<1.6	<1.6	<1.8	<1.8	<2.1	<1.6	<1.3	<1.6	<1.2	**<2.0 UJ9**	**<1.4 UJ9**
IBM-28	12/17/2005	2.4 J2,(1)	<1.3 UJ2,(1)	<0.13 UJ2,(1)	21.8 J2,(1)	78.2 J2,(1)	<0.13 UJ2,(1)	<0.13 UJ2,(1)	<0.64 UJ2,(1)	**<0.52 UJ2,UJ9,(1)**	<0.34 UJ2,(1)	<0.50 UJ2,(1)	8.5 M,J2,J6,(1)	0.36 J2,(1)	<0.34 UJ2,(1)	3.8 J2,(1)	<0.17 UJ2,(1)	<0.43 UJ2,(1)	<0.34 UJ2,(1)	<0.33 UJ2,(1)	<0.37 UJ2,(1)	<0.38 UJ2,(1)	1.4 J2,(1)	<0.34 UJ2,(1)	<0.27 UJ2,(1)	<0.33 UJ2,(1)	<0.24 UJ2,(1)	0.78 J2,(1)	<0.21 UJ2,(1)
	1/14/2006	2.1 (1)	<1.7 (1)	<0.17 (1)	21.9 (1)	78 (1)	<0.17 (1)	<0.17 (1)	<0.82 (1)	<0.017 (1)	<0.44 (1)	<0.64 (1)	21 (1)	0.37 (1)	<0.43 (1)	2.8 (1)	<0.22 (1)	<0.55 (1)	<0.43 (1)	<0.42 (1)	<0.47 (1)	<0.48 (1)	2.1 (1)	<0.43 (1)	<0.35 (1)	<0.42 (1)	<0.31 (1)	0.6 (1)	<0.27 (1)
	12/10/2006	2.1 (1)	<1.6 (1)	<0.16 (1)	22.2 (1)	77.8 (1)	<0.16 (1)	<0.16 (1)	<0.77 (1)	0.03 (1)	<0.41 (1)	<0.60 (1)	13 (1)	0.35 (1)	<0.40 (1)	0.73 (1)	<0.21 (1)	<0.51 (1)	<0.40 (1)	0.39 (1)	<0.44 (1)	<0.45 (1)	1.3 (1)	<0.40 (1)	<0.33 (1)	<0.39 (1)	<0.29 (1)	<0.50 (1)	<0.25 (1)
	3/11/2007	3 (1)	<1.7 (1)	<0.17 (1)	22.2 (1)	77.7 (1)	<0.17 (1)	<0.17 (1)	<0.82 (1)	<0.017 (1)	<0.44 (1)	<0.64 (1)	14 (1)	0.34 (1)	<0.43 (1)	1.9 (1)	<0.22 (1)	<0.54 (1)	<0.43 (1)	<0.42 (1)	<0.47 (1)	<0.48 (1)	4.1 (1)	<0.43 (1)	<0.35 (1)	<0.42 (1)	<0.31 (1)	0.96 (1)	<0.27 (1)
	6/10/2007	2 (1)	<1.4 (1)	--	--	--	--	--	<0.68 (1)	<0.014 (1)	<0.36 (1)	<0.53 (1)	7.9 *,(1)	0.36 (1)	<0.36 (1)	1.4 (1)	<0.18 (1)	<0.45 (1)	<0.36 (1)	<0.35 (1)	<0.39 (1)	1.7 M,(1)	2 (1)	<0.36 (1)	<0.29 (1)	<0.35 (1)	<0.26 (1)	<0.44 (1)	<0.22 (1)
	9/16/2007	2 (1)	<1.6 (1)	--	--	--	--	--	<0.78 (1)	<0.023 (1)	<0.42 (1)	<0.61 (1)	19 M,(1)	0.43 (1)	<0.41 (1)	2.1 (1)	<0.21 (1)	<0.52 (1)	<0.41 (1)	<0.40 (1)	<0.45 (1)	<2.3 (1)	2.5 (1)	<0.41 (1)	<0.33 (1)	<0.40 (1)	<0.30 (1)	0.54 (1)	<0.26 (1)
	1/12/2008	3.4	<1.7	--	--	--	--	--	<0.82	<0.017	<0.44	<0.64	19	0.4	<0.43	1.6	<0.22	<0.55	<0.43	<0.42	<0.47	<2.4	2.2	<0.43	<0.35	<0.42	<0.31	1.8	<0.27
	1/12/2008 Dup	3.3	<1.6	--	--	--	--	--	<0.77	<0.015	<0.41	<0.60	21	0.44	<0.40	1.7	<0.21	<0.51	<0.40	<0.39	<0.44	<2.2	2.4	<0.40	<0.32	<0.39	<0.29	1.8	<0.25
	3/22/2008	2.1	<1.7	--	--	--	--	--	<1	<0.021	<0.55	<0.81	20	<0.38	<0.54	0.96	<0.28	<0.69	<0.54	<0.53	<0.6	<3 V	1.6	<0.54	<0.44	<0.53	<0.39	<0.67	<0.34
	6/21/2008	1.8	<1.6	--	--	--	--	--	<0.69	<0.014	<0.37	<0.54	20	0.26	<0.36	0.83	<0.19	<0.46	<0.36	<0.35	<0.39	<2	1.8	<0.36	<0.29	<0.35	<0.26	0.46	<0.23
	6/21/2008 Dup	1.8	<1.4	--	--	--	--	--	<0.61	<0.012	<0.33	<0.48	19	0.26	<0.32	0.82	<0.16	<0.41	<0.32	<0.31	<0.35	<1.8	1.7	<0.32	<0.26	<0.31	<0.23	<0.4	<0.2
	9/27/2008	1.8	4.4	--	--	--	--	--	<0.56	<0.011	<0.3	<0.44	21	0.24	<0.29	0.36	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	1.2	<0.29	<0.24	<0.28	<0.21	0.46	<0.18
	12/13/2008	2.2	<1.2	--	--	--	--	--	<0.55	<0.011	<0.29	<0.43	8.1 M	0.27	<0.29	0.48	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	0.67	<0.29	<0.23	<0.28	<0.21	0.4	<0.18
	12/13/2008 Dup	2.1	<1.2	--	--	--	--	--	<0.55	<0.011	<0.29	<0.43	8	0.26	<0.29	0.46	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	0.87	<0.29	<0.23	<0.28	<0.21	0.41	<0.18
	3/21/2009	2	1.9	--	--	--	--	--	<0.63	<0.013	<0.33	<0.49	6.7	<0.23	<0.33	<0.37	<0.17	<0.42	<0.33	<0.32	<0.36	<1.8	0.64	<0.33	<0.27	<0.32	<0.24	<0.41	<0.21
IBM-32	12/30/2005	5.2 J2,J7,(1)	<1.2 UJ2,(1)	<0.12 UJ2,(1)	21.7 J2,(1)	78.2 J2,(1)	<0.12 UJ2,(1)	<0.12 UJ2,(1)	<0.60 UJ2,(1)	**<0.48 UJ2,UJ9,(1)**	<0.32 UJ2,(1)	<0.47 UJ2,(1)	82 J2,J6,(1)	0.69 J2,(1)	<0.31 UJ2,(1)	2.8 J2,(1)	<0.16 UJ2,(1)	3.4 J2,(1)	<0.31 UJ2,(1)	<0.30 UJ2,(1)	0.90 J2,(1)	<0.35 UJ2,(1)	6.2 J2,(1)	<0.31 UJ2,(1)	<0.25 UJ2,(1)	<0.30 UJ2,(1)	<0.23 UJ2,(1)	**2.0 J2,(1)**	<0.20 UJ2,(1)
	1/14/2006	4.1 (1)	<1.8 (1)	<0.18 (1)	21.9 (1)	78 (1)	<0.18 (1)	<0.18 (1)	<0.86 (1)	0.04 (1)	<0.46 (1)	<0.67 (1)	35 M,(1)	0.78 (1)	<0.45 (1)	2.7 (1)	<0.23 (1)	<0.57 (1)	<0.45 (1)	<0.44 (1)	1.7 (1)	<0.50 (1)	4.7 (1)	<0.45 (1)	<0.36 (1)	<0.44 (1)	<0.32 (1)	**3.2 (1)**	<0.28 (1)
	12/6/2006	11 (1)	<1.5 (1)	<0.15 (1)	22.1 (1)	77.8 (1)	<0.15 (1)	<0.15 (1)	<0.73 (1)	0.031 (1)	<0.39 (1)	<0.57 (1)	70 M,(1)	0.99 (1)	<0.38 (1)	3.2 (1)	<0.20 (1)	<0.48 (1)	<0.38 (1)	<0.37 (1)	0.66 (1)	<0.43 (1)	6.3 (1)	<0.38 (1)	<0.31 (1)	<0.37 (1)	<0.28 (1)	1.9 (1)	<0.24 (1)
	3/11/2007	18 (1)	<1.8 (1)	<0.18 (1)	22.2 (1)	77.7 (1)	<0.18 (1)	<0.18 (1)	<0.86 (1)	<0.017 (1)	<0.46 (1)	<0.67 (1)	20 M,(1)	0.76 (1)	<0.45 (1)	2.4 (1)	<0.23 (1)	<0.57 (1)	<0.45 (1)	<0.44 (1)	0.53 (1)	<0.50 (1)	3.1 (1)	<0.45 (1)	<0.36 (1)	<0.44 (1)	<0.32 (1)	1.5 (1)	<0.28 (1)
	6/13/2007	15 (1)	<1.6 (1)	--	--	--	--	--	<0.79 (1)	0.017 (1)	<0.42 (1)	<0.62 (1)	26 *,J10,J12,V,(1)	1.7 (1)	<0.41 (1)	21 (1)	<0.21 (1)	1.2 (1)	<0.41 (1)	<0.40 (1)	0.48 (1)	<0.46 (1)	3.5 (1)	<0.41 (1)	<0.33 (1)	<0.40 (1)	<0.30 (1)	1.2 (1)	<0.26 (1)
	6/13/2007 Dup	14 (1)	<1.9 (1)	--	--	--	--	--	<0.94 (1)	<0.019 (1)	<0.50 (1)	<0.74 (1)	26 *,J10,J12,V,(1)	1.7 (1)	<0.49 (1)	21 (1)	<0.25 (1)	<0.62 (1)	<0.49 (1)	<0.48 (1)	<0.54 (1)	<0.55 (1)	3.5 (1)	<0.49 (1)	<0.40 (1)	<0.48 (1)	<0.36 (1)	1.2 (1)	<0.31 (1)
	10/13/2007	1.9 (1)	<1.7 (1)	--	--	--	--	--	<0.82 (1)	<0.017 (1)	<0.44 (1)	<0.64 (1)	30 M,(1)	0.57 (1)	<0.43 (1)	1.5 (1)	0.99 (1)	<0.55 (1)	<0.43 (1)	<0.42 (1)	<0.47 (1)	<2.4 (1)	3.6 (1)	<0.43 (1)	<0.35 (1)	<0.42 (1)	<0.31 (1)	<0.53 (1)	<0.27 (1)
	1/12/2008	3.6	<1.6	--	--	--	--	--	<0.77	0.043	<0.41	<0.6	50	1.1	<0.4	2.5	0.54	<0.51	<0.4	<0.39	2.3	<2.2	4.8	<0.4	<0.32	<0.39	<0.29	**2.8**	<0.25
	3/25/2008	2	<1.7	--	--	--	--	--	<1	<0.021	<0.55	<0.81	24	0.6	<0.54	2.6	0.8	<0.69	<0.54	<0.53	<0.59	<3	2.6	<0.54	<0.44	<0.53	<0.39	<0.67	<0.34
	6/12/2008	1.8	<1.5	--	--	--	--	--	<0.65	<0.013	<0.34	<0.51	16	1.2	<0.34	3.6	0.39	<0.43	<0.34	<0.33	<0.37	<1.9	4.1	<0.34	<0.27	<0.33	<0.24	0.53	<0.21
	9/27/2008	2	6.8	--	--	--	--	--	<0.64	<0.013	<0.34	<0.5	19 M	1.1	<0.33	1.8	<0.17	<0.43	<0.33	<0.33	<0.37	<1.9	2.6	<0.33	<0.27	<0.33	<0.24	0.69	<0.21
	12/5/2008	1.8	<1.2	--	--	--	--	--	<0.55	<0.028	<0.29	<0.43	36 M	1.2	<0.29	4.2	0.16	<0.37	<0.29	<0.28	0.66	<1.6	4.6	<0.29	<0.23	<0.28	<0.21	1.4	<0.18
	3/20/2009	1.8	1.7	--	--	--	--	--	<0.67	<0.013	<0.35	<0.52	100	0.44	<0.35	1	0.18	<0.44	<0.35	<0.34	<0.38	<2	2.4	<0.35	<0.28	<0.34	<0.25	<0.43	<0.22
	3/20/2009 Dup	1.6	1.7	--	--	--	--	--	<0.6	<0.024	<0.32	<0.47	140	0.42	<0.31	0.92	0.17	<0.39	<0.31	<0.3	<0.34	<1.7	2.2	<0.31	<0.25	<0.3	<0.23	<0.38	<0.2
IBM-37	1999 2ndQ	2.1	--	--	--	--	--	--	--	ND	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3	--
	1999 4thQ	2	--	--	--	--	--	--	--	ND	--	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9	--
	2000 3rdQ	2.1	--	--	--	--	--	--	--	ND	--	--	98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 4thQ	3.6	--	--	--	--	--	--	--	ND	--	--	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.4**	--
	2001 2ndQ	2.2	--	--	--	--	--	--	--	ND	--	--	58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2003 2ndQ	2.2	--	--	--	--	--	--	--	ND	--	--	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2003 4thQ	2.3	<1.2	--	--	--	--	--	<2.3	**<1.9 UJ9**	<1.2	<1.8	21	<0.85	<1.2	<1.4	<0.63	<1.5	<1.2	<1.2	<1.3	<1.4	<1.6	<1.2	<0.98	<1.2	<0.88	<1.5	**<0.76 UJ9**
	12/18/2005	4.6 J2,(1)	<1.4 UJ2,(1)	<0.14 UJ2,(1)	21.8 J2,(1)	78.1 J2,(1)	<0.14 UJ2,(1)	<0.14 UJ2,(1)	<3.5 UJ2,(1)	**<2.8 UJ2,UJ9,(1)**	<1.9 UJ2,(1)	<2.7 UJ2,(1)	23 M,J2,J6,(1)	<1.3 UJ2,(1)	<1.8 UJ2,(1)	9.3 J2,(1)	<0.94 UJ2,(1)	<2.3 UJ2,(1)	<1.8 UJ2,(1)	<1.8 UJ2,(1)	<2.0 UJ2,(1)	<2.0 UJ2,(1)	<2.4 UJ2,(1)	<1.8 UJ2,(1)	<1.5 UJ2,(1)	0.55 J1,J2,(1)	<1.3 UJ2,(1)	**<2.3 UJ2,UJ9,(1)**	**<1.1 UJ2,UJ9,(1)**
	1/17/2006	6.4 (1)	<1.5 (1)	<0.15 (1)	21.8 (1)	78.1 (1)	<0.15 (1)	<0.15 (1)	<3.7 (1)	**<0.75 UJ9,(1)**	<2.0 (1)	<2.9 (1)	<16 (1)	<1.4 (1)	<1.9 (1)	3.1 (1)	<1.0 (1)	<2.5 (1)	<1.9 (1)	<1.9 (1)	<2.1 (1)	<2.2 (1)	2.8 (1)	<1.9 (1)	<1.6 (1)	<1.9 (1)	<1.4 (1)	**<2.4 UJ9,(1)**	**<1.2 UJ9,(1)**
	2/2/2007	3.7 (1)	<1.2 (1)	<0.12 (1)	22.1 (1)	77.8 (1)	<0.12 (1)	<0.12 (1)	<1.6 (1)	<0.012 (1)	<0.88 (1)	<1.3 (1)	31 (1)	<0.61 (1)	<0.86 (1)	<0.98 (1)	<0.44 (1)	<1.1 (1)	<0.86 (1)	<0.84 (1)	<0.94 (1)	<0.97 (1)	2.5 (1)	<0.86 (1)	<0.70 (1)	<0.84 (1)	<0.62 (1)	<1.1 (1)	<0.54 (1)
	2/2/2007 Dup	3.9 (1)	<1.2 (1)	<0.12 (1)	22 (1)	77.9 (1)	<0.12 (1)	<0.12 (1)	<1.6 (1)	<0.012 (1)	<0.88 (1)	<1.3 (1)	36 (1)	<0.61 (1)	<0.86 (1)	<0.98 (1)	<0.44 (1)	<1.1 (1)	<0.86 (1)	<0.84 (1)	<0.94 (1)	<0.97 (1)	2.9 (1)	<0.86 (1)	<0.70 (1)	<0.84 (1)	<0.62 (1)	<1.1 (1)	<0.54 (1)
	3/7/2007	5.2 (1)	<1.6 (1)	<0.16 (1)	22.2 (1)	77.7 (1)	<0.16 (1)	<0.16 (1)	<0.79 (1)	<0.23 (1)	<0.42 (1)	<0.62 (1)	94 (1)	<0.29 (1)	<0.41 (1)	0.71 (1)	<0.21 (1)	<0.52 (1)	<0.41 (1)	<0.40 (1)	<0.45 (1)	<0.46 (1)	2.6 (1)	<0.41 (1)	<0.33 (1)	<0.40 (1)	<0.30 (1)	**2.2 (1)**	<0.26 (1)
	6/13/2007	4.5 (1)	<1.5 (1)	--	--	--	--	--	<4.9 (1)	**<1.5 UJ9,(1)**	<2.6 (1)	<3.8 (1)	44 *,V,(1)	<1.8 (1)	<2.5 (1)	<2.9 (1)	<1.3 (1)	<3.2 (1)	<2.5 (1)	<2.5 (1)	<2.8 (1)	<2.9 (1)	<3.4 (1)	<2.5 (1)	<2.1 (1)	<2.5 (1)	<1.8 (1)	**<3.2 UJ9,(1)**	**<1.6 UJ9,(1)**
	9/19/2007	2.5 (1)	<1.7 (1)	--	--	--	--	--	<3.2 (1)	<0.016 (1)	<1.7 (1)	<2.5 (1)	22 (1)	<1.2 (1)	<1.7 (1)	<1.9 (1)	<0.87 (1)	<2.1 (1)	<1.7 (1)	<1.7 (1)	<1.9 (1)	<9.5 (1)	<2.3 (1)	<1.7 (1)	<1.4 (1)	<1.7 (1)	<1.2 (1)	**<2.1 UJ9,(1)**	**<1.1 UJ9,(1)**
	3/22/2008	3.4	<1.3	--	--	--	--	--	<0.84	<0.024	<0.45	<0.66	80	<0.31	<0.44	2.1	<0.23	<0.56	<0.44	<0.43	<0.48	<2.5 V	3.2	<0.44	<0.36	<0.43	<0.32	0.84	<0.28
	3/22/2008 Dup	3.7	<1.6	--	--	--	--	--	<0.96	<0.019	<0.51	<0.75	86	<0.35	<0.5	2.4	<0.26	<0.64	<0.5	<0.49	<0.55	<2.8 V	3.2	<0.5	<0.41	<0.49	<0.36	0.93	<0.31
	6/12/2008	2.8	<1.3	--	--	--	--	--	<0.58	<0.012	<0.31	<0.45	28	0.5	<0.3	7.5	<0.15	<0.38	<0.3	<0.29	<0.33	2.7 M	2.6	<0.3	<0.24	<0.29	<0.22	0.4	<0.19
	9/6/2008	2.1	2.2	--	--	--	--	--	<0.69	<0.014	<0.37	<0.54	<3	0.27	<0.36	<0.41	<0.19	<0.46	<0.36	<0.35	<0.4	<2	0.7	<0.36	<0.29	<0.35	<0.26	1.5	<0.23
	9/6/2008 Dup	2.2	6.2	--	--	--	--	--	<0.55	<0.022	<0.29	<0.43	17 M, J	0.26	<0.29	1.4	<0.15	1.1	<0.29	<0.28	<0.32	<1.6	1.1	<0.29	<0.23	<0.28	<0.21	0.8	<0.18
	12/11/2008	4.3	<1.5	--	--	--	--	--	<0.67	<0.027	<0.35	<0.52	36	0.26	<0.35	1.3	<0.18	<0.44	<0.35	<0.34	<0.38	<2	2.5	<0.35	<0.28	<0.34	<0.25	**2.9**	<0.22
	12/11/2009 Dup	4.29	<1.7	--	--	--	--	--	<0.71	<0.029	<0.38	<0.56	34	0.28	<0.37	1.3	<0.19	<0.47	<0.37	<0.36	<0.41	<2.1	2.8	<0.37	<0.3	<0.36	<0.27	**2.8**	<0.23
	4/6/2009	2.3	<1.2	--	--	--	--	--	<0.56	<0.023	<0.3	<0.44	9.4	0.21	<0.29	1.8	<0.15	<0.37	<0.29	<0.29	<0.32	<1.6	0.87	<0.29	<0.24	<0.29	<0.21	<0.36	<0.18
	4/6/2009 Dup	3.5	<1.7	--	--	--	--	--	<0.7	<0.04	<0.37	<0.55	70	<0.26	<0.37	16	<0.19	<0.46	<0.37	<0.36	<0.4	<2.1	10	<0.37	<0.3	<0.36	<0.27	0.84	<0.23
IBM-41	1998 Feb	3.5	--	--	--	--	--	--	--	ND	--	--	46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**4.1**	--
	1998 Mar	ND	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 Apr	3.1	--	--	--	--	--	--	--	ND	--	--	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**4.6**	--
	1998 2ndQ	2.4	--	--	--	--	--	--	--	ND	--	--	53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.8**	--
	1998 3rdQ	3.1	--	--	--	--	--	--	--	ND	--	--	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**7.2**	--
	1998 4thQ	2.8	--	--	--	--	--	--	--	ND	--	--	94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.7**	--
	1999 1stQ	2.8	--	--	--	--	--	--	--	ND	--	--	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.9**	--
	1999 2ndQ	2.2	--	--	--	--	--	--	--	ND	--	--	340	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.2**	--
	1999 3rdQ	1.5	--	--	--	--	--	--	--	ND	--	--	490	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.6**	--
	1999 4thQ	1.6	--	--	--	--	--	--	--	ND	--	--	430	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.4**	--
	2000 1stQ	1.1	--	--	--	--	--	--	--	ND	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.2**	--
	2000 2ndQ	1.9	--	--	--	--	--	--	--	ND	--	--	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**3.8**	--
	2000 3rdQ	3.1	--	--	--	--	--	--	--	ND	--	--	42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.4**	--
	2000 4thQ	3	--	--	--	--	--	--	--	ND	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**5.2**	--
	2001 2ndQ	2	--	--	--	--	--	--	--	ND	--	--	49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.4**	--
	2001 4thQ	2.3	--	--	--	--	--	--	--	ND	--	--	350	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.5**	--
	2003 2ndQ	1.9	--	--	--	--	--	--	--	ND	--	--	63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.1**	--
	2003 4thQ	4	<1.2	--	--	--	--	--	<2.3	**<1.9 UJ9**	<1.2	<1.8	92	<0.85	<1.2	3.2	<0.63	<1.5	<1.2	<1.2	2.3	<1.4	37	<1.2	<0.98	<1.2	<0.88	**2.2**	**<0.76**
	12/17/2005	2.6 J2,(1)	<1.4 UJ2,(1)	<0.14 UJ2,(1)	21.8 J2,(1)	78.1 J2,(1)	<0.14 UJ2,(1)	<0.14 UJ2,(1)	<3.4 UJ2,(1)	**<2.8 UJ2,UJ9,(1)**	<1.8 UJ2,(1)	<2.7 UJ2,(1)	65 J2,J6,(1)	<1.3 UJ2,(1)	<1.8 UJ2,(1)	47 J2,(1)	<0.93 UJ2,(1)	<2.3 UJ2,(1)	<1.8 UJ2,(1)	<1.8 UJ2,(1)	<2.0 UJ2,(1)	<2.1 UJ2,(1)	9.9 J2,(1)	<1.8 UJ2,(1)	<1.5 UJ2,(1)	<1.8 UJ2,(1)	<1.3 UJ2,(1)	**2.3 J2,(1)**	**<1.1 UJ2,UJ9,(1)**
	1/15/2006	3.3 (1)	<1.5 (1)	<0.15 (1)	21.8 (1)	78.1 (1)	<0.15 (1)	<0.15 (1)	<3.6 UJ2,(1)	<0.14 UJ2,(1)	<1.9 UJ2,(1)	<2.8 UJ2,(1)	79 M,J2,(1)	<1.3 UJ2,(1)	<1.9 UJ2,(1)	43 J2,(1)	<0.96 UJ2,(1)	<2.4 UJ2,(1)	<1.9 UJ2,(1)	<1.8 UJ2,(1)	<2.0 UJ2,(1)	<2.1 UJ2,(1)	7.4 J2,(1)	<1.9 UJ2,(1)	<1.5 UJ2,(1)	<1.8 UJ2,(1)	<1.3 UJ2,(1)	**5.6 J2,(1)**	**<1.2 UJ2,UJ9,(1)**
	12/6/2006	3.3 (1)	<1.5 (1)	<0.15 (1)	22.1 (1)	77.8 (1)	<0.15 (1)	<0.15 (1)	<7.4 (1)	**<0.74 UJ9,(1)**	<3.9 (1)	<5.8 (1)	2000 (1)	<2.7 (1)	<3.8 (1)	56 (1)	<2.0 (1)	<4.9 (1)	<3.8 (1)	<3.8 (1)	<4.2 (1)	<4.3 (1)	6.8 (1)	<3.8 (1)	<3.1 (1)	**<3.8 UJ9,(1)**	<2.8 (1)	**<4.8 UJ9,(1)**	**<2.4 UJ9,(1)**
	3/4/2007	2.5 (1)	<1.4 (1)	<0.14 (1)	22.1 (1)	77.9 (1)	<0.14 (1)	<0.14 (1)	<0.68 (1)	<0.014 (1)	<0.36 (1)	<0.53 (1)	44 (1)	0.26 (1)	<0.35 (1)	3.1 (1)	<0.18 (1)	<0.45 (1)	<0.35 (1)	<0.35 (1)	1 (1)	<0.40 (1)	4 (1)	<0.35 (1)	<0.29 (1)	<0.35 (1)	<0.26 (1)	**2.4 (1)**	<0.22 (1)

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-24B	6/27/2008	<0.25	<0.17	<0.21	<0.25	<0.28	<0.25	<0.21	1.1	<0.28	<0.13	<0.0037	<0.17	<0.25	<0.26	0.48	<0.11	<0.27	<0.26	<0.16	<0.19	<0.19	<0.19
	9/12/2008	<0.25	<0.17	<0.22	<0.26	<0.28	<0.26	<0.21	1.4	<0.28	<0.14	<0.0076	<0.17	<0.25	<0.27	0.38	<0.11	<0.27	<0.27	<0.17	<0.19	<0.19	<0.19
	12/12/2008	<0.49	<0.34	<0.42	<0.5	<0.55	<0.5	<0.41	1.9	<0.55	<0.26	<0.025	<0.33	<0.49	<0.52	0.88	<0.22	<0.53	<0.52	<0.33	<0.37	<0.37	<0.37
	12/12/2008 Dup	<0.49	<0.34	<0.42	<0.5	<0.55	<0.5	<0.41	1.8	<0.55	<0.27	<0.024	<0.33	<0.49	<0.52	0.88	<0.22	<0.53	<0.52	<0.33	<0.38	<0.38	<0.38
	3/20/2009	<0.25	<0.17	<0.22	<0.26	<0.28	<0.26	<0.21	1.3	<0.28	<0.14	<0.0075	<0.17	<0.25	<0.27	0.58	<0.11	<0.27	<0.27	<0.17	<0.19	<0.19	<0.19
AMB PARCEL 26	2002 1stQ	<1.7	<1.2	**<1.5 UJ9**	<1.8	<2.0	<1.8	<1.5	<2.1	<2.0	<0.94	**<1.0 UJ9**	<1..2	<1.7	<1.8	<1.8	<0.77	<1.9	<1.8	<1.2	<1.3	<1.3	<1.3
	2002 2ndQ	--	--	**1.8**	--	--	--	--	3	--	--	--	0.49	--	ND	--	--	--	--	--	--	--	--
	2002 4thQ	<1.4	<0.93	**<1.2 UJ9**	<1.4	<1.5	<1.4	<1.1	8	<1.5	<0.73	**<0.81 UJ9**	<0.92	<1.4	<1.4	2.3	<0.60	<1.5	<1.4	<0.91	<1.0	<1.0	<1.0
	2003 2ndQ	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 4thQ	<1.4	<0.94	**<1.2 UJ9**	<1.4	<1.5	<1.4	<1.2	2.3	<1.5	<0.74	**<0.82 UJ9**	<0.93	<1.4	<1.5	1.8	<0.61	<1.5	<1.5	<0.92	<1.1	<1.1	<1.1
IBM-28	12/17/2005	<0.29 UJ2,(1)	<0.20 UJ2,(1)	<0.25 UJ2,(1)	<0.29 UJ2,(1)	<0.32 UJ2,(1)	<0.29 UJ2,(1)	<0.24 UJ2,(1)	3.1 J2,(1)	<0.32 UJ2,(1)	<0.16 UJ2,(1)	**<0.17 UJ2,UJ9,(1)**	<0.20 UJ2,(1)	<0.29 UJ2,(1)	0.35 J2,(1)	1.3 J2,(1)	<0.13 UJ2,(1)	<0.31 UJ2,(1)	0.49 J2,(1)	<0.19 UJ2,(1)	<0.22 UJ2,(1)	<0.22 UJ2,(1)	<0.22 UJ2,(1)
	1/14/2006	<0.37 (1)	<0.25 (1)	**6.3 (1)**	<0.37 (1)	<0.41 (1)	<0.37 (1)	<0.31 (1)	5.8 (1)	<0.42 (1)	<0.20 (1)	<0.0055 (1)	<0.25 (1)	<0.37 (1)	<0.39 (1)	1.1 (1)	<0.16 (1)	<0.40 (1)	<0.39 (1)	<0.25 (1)	<0.28 (1)	<0.28 (1)	<0.28 (1)
	12/10/2006	<0.34 (1)	<0.24 (1)	<0.30 (1)	<0.35 (1)	<0.39 (1)	<0.35 (1)	<0.29 (1)	2.1 (1)	<0.39 (1)	<0.19 (1)	<0.0052 (1)	<0.23 (1)	<0.35 (1)	<0.37 (1)	1.3 (1)	<0.15 (1)	<0.37 (1)	0.56 (1)	<0.23 (1)	<0.26 (1)	<0.26 (1)	<0.26 (1)
	3/11/2007	<0.37 (1)	<0.25 (1)	<0.31 (1)	<0.37 (1)	<0.41 (1)	<0.37 (1)	<0.31 (1)	5.4 (1)	<0.41 (1)	<0.20 (1)	<0.0055 (1)	<0.25 (1)	<0.37 (1)	0.6 (1)	2.5 (1)	<0.16 (1)	<0.40 (1)	0.99 (1)	<0.25 (1)	<0.28 (1)	<0.28 (1)	<0.28 (1)
	6/10/2007	<0.31 (1)	<0.21 (1)	<0.26 (1)	<0.31 (1)	<0.34 (1)	<0.31 (1)	<0.26 (1)	1.3 (1)	<0.34 (1)	<0.17 (1)	<0.0046 (1)	<0.21 (1)	<0.31 (1)	<0.32 (1)	0.64 (1)	<0.14 (1)	<0.33 (1)	<0.32 (1)	<0.21 (1)	<0.23 (1)	<0.23 (1)	<0.23 (1)
	9/16/2007	<0.35 (1)	<0.24 (1)	<0.30 (1)	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	2.2 (1)	<0.40 (1)	<0.19 (1)	<0.0075 (1)	<0.24 (1)	<0.35 (1)	0.75 (1)	3.3 (1)	<0.16 (1)	<0.38 (1)	1.1 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	1/12/2008	<0.37	<0.25	<0.32	<0.37	<0.41	<0.37	<0.31	6.3	<0.42	<0.2	<0.0055	<0.25	<0.37	0.79	3.3	<0.16	0.9	1.1	<0.25	<0.28	<0.28	<0.28
	1/12/2008 Dup	<0.34	<0.24	<0.29	<0.35	<0.39	<0.35	<0.29	6.1	<0.39	<0.19	<0.0051	<0.23	<0.34	0.77	3	<0.15	0.78	1	<0.23	<0.26	<0.26	<0.26
	3/22/2008	<0.46	<0.32	<0.4	<0.47	0.99	<0.47	<0.39	3.1	<0.52	<0.25	<0.0070	<0.32	<0.47	<0.49	1.5	<0.21	<0.5	0.51	<0.31	<0.36	<0.36	<0.36
	6/21/2008	<0.31	<0.21	<0.26	<0.31	1.8	<0.31	<0.26	2.3	<0.35	<0.17	<0.0046	<0.21	<0.31	<0.33	0.99	<0.14	<0.33	0.37	<0.21	<0.24	<0.24	<0.24
	6/21/2008 Dup	<0.27	<0.19	<0.24	<0.28	1.7	<0.28	<0.23	2.3	<0.31	<0.15	<0.0041	<0.19	<0.27	0.29	1.1	<0.12	<0.3	0.39	<0.18	<0.21	<0.21	<0.21
	9/27/2008	<0.25	<0.17	<0.21	<0.25	1.5	<0.25	<0.21	1.6	<0.28	<0.14	<0.0037	<0.17	<0.25	<0.27	0.7	<0.11	<0.27	<0.27	<0.17	<0.19	<0.19	<0.19
	12/13/2008	<0.25	<0.17	<0.21	<0.25	0.58	<0.25	<0.21	1.3	<0.28	<0.13	<0.0037	<0.17	<0.25	<0.26	0.7	<0.11	<0.27	<0.26	<0.17	<0.19	<0.19	<0.19
	12/13/2008 Dup	<0.25	<0.17	<0.21	<0.25	0.63	<0.25	<0.21	1.4	<0.28	<0.13	<0.0037	<0.17	<0.25	<0.26	0.78	<0.11	<0.27	0.29	<0.17	<0.19	<0.19	<0.19
	3/21/2009	<0.28	<0.19	<0.24	<0.29	0.59	<0.29	<0.24	0.8	<0.32	<0.15	<0.0042	<0.19	<0.28	<0.3	0.33	<0.13	<0.3	<0.3	<0.19	<0.22	<0.22	<0.22
IBM-32	12/30/2005	<0.27 UJ2,(1)	<0.18 UJ2,(1)	<0.23 UJ2,(1)	<0.27 UJ2,(1)	0.33 J2,(1)	<0.27 UJ2,(1)	<0.23 UJ2,(1)	12 J2,(1)	<0.30 UJ2,(1)	<0.14 UJ2,(1)	**<0.16 UJ2,UJ9,(1)**	2.9 J2,(1)	<0.27 UJ2,(1)	1.6 J2,(1)	6.4 J2,(1)	<0.12 UJ2,(1)	1.8 J2,(1)	2.3 J2,(1)	<0.18 UJ2,(1)	<0.20 UJ2,(1)	0.27 J2,(1)	<0.20 UJ2,(1)
	1/14/2006	<0.38 (1)	<0.26 (1)	**8.3 (1)**	<0.39 (1)	<0.43 (1)	<0.39 (1)	<0.32 (1)	26 (1)	<0.43 (1)	<0.21 (1)	0.036 (1)	1.1 (1)	<0.38 (1)	3 (1)	12 (1)	<0.17 (1)	1.6 (1)	4.1 (1)	<0.26 (1)	<0.29 (1)	<0.29 (1)	<0.29 (1)
	12/6/2006	<0.32 (1)	<0.22 (1)	<0.28 (1)	<0.33 (1)	<0.37 (1)	<0.33 (1)	<0.28 (1)	11 (1)	<0.37 (1)	<0.18 (1)	<0.0070 (1)	0.88 (1)	<0.33 (1)	1.2 (1)	5.5 (1)	<0.15 (1)	<0.35 (1)	1.9 (1)	<0.22 (1)	<0.25 (1)	0.36 (1)	<0.25 (1)
	3/11/2007	<0.38 (1)	<0.26 (1)	<0.33 (1)	<0.39 (1)	<0.43 (1)	<0.39 (1)	<0.32 (1)	8.3 (1)	<0.43 (1)	<0.21 (1)	<0.0058 (1)	0.94 (1)	<0.38 (1)	1.1 (1)	4.4 (1)	<0.17 (1)	<0.42 (1)	1.4 (1)	<0.26 (1)	<0.29 (1)	0.42 (1)	<0.29 (1)
	6/13/2007	<0.35 (1)	<0.24 (1)	**0.69 (1)**	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	13 (1)	<0.40 (1)	<0.19 (1)	<0.0053 (1)	<0.24 (1)	<0.35 (1)	1.1 (1)	5.4 (1)	<0.16 (1)	<0.38 (1)	1.6 (1)	<0.24 (1)	<0.27 (1)	1.1 (1)	<0.27 (1)
	6/13/2007 Dup	<0.42 (1)	<0.29 (1)	**0.64 (1)**	<0.43 (1)	<0.47 (1)	<0.43 (1)	<0.36 (1)	12 (1)	<0.47 (1)	<0.23 (1)	<0.0063 (1)	<0.29 (1)	<0.42 (1)	0.99 (1)	4.9 (1)	<0.19 (1)	<0.46 (1)	1.5 (1)	<0.28 (1)	<0.32 (1)	1.1 (1)	0.32 (1)
	10/13/2007	<0.37 (1)	<0.25 (1)	<0.32 (1)	<0.37 (1)	<0.41 (1)	<0.37 (1)	<0.31 (1)	5.9 (1)	<0.42 (1)	<0.20 (1)	<0.0055 (1)	0.37 (1)	<0.37 (1)	<0.39 (1)	1.5 (1)	<0.16 (1)	<0.40 (1)	0.5 (1)	<0.25 (1)	<0.28 (1)	<0.28 (1)	<0.28 (1)
	1/12/2008	<0.34	<0.24	<0.29	<0.35	0.62	<0.35	<0.29	19	<0.39	<0.19	<0.0051	0.49	<0.34	2.5	13	<0.15	0.97	4.2	<0.23	<0.26	<0.26	<0.26
	3/25/2008	<0.46	<0.32	<0.4	<0.47	0.61	<0.47	<0.39	4.8	<0.52	<0.25	<0.0070	<0.32	<0.47	<0.49	1.6	<0.21	<0.5	0.52	<0.31	<0.36	0.48	<0.36
	6/12/2008	<0.29	<0.2	<0.25	<0.29	<0.33	<0.29	<0.24	4.8	<0.33	<0.16	<0.0043	<0.2	<0.29	0.37	1.6	<0.13	<0.31	0.52	<0.19	<0.22	0.37	<0.22
	9/27/2008	<0.29	<0.2	<0.25	<0.29	<0.32	<0.29	<0.24	4.7	<0.32	<0.16	<0.0043	<0.2	<0.29	0.42	1.5	<0.13	<0.31	0.51	<0.19	<0.22	0.52	<0.22
	12/5/2008	<0.25	<0.17	0.23	<0.25	0.3	<0.25	<0.21	8.2	<0.28	<0.13	<0.0044	0.2	<0.25	0.9	3.5	<0.11	0.29	1.2	<0.17	<0.19	0.5	<0.19
	3/20/2009	<0.3	<0.21	<0.26	<0.3	0.45	<0.3	<0.25	2.3	<0.34	<0.16	<0.0045	<0.2	<0.3	<0.32	0.89	<0.13	<0.32	<0.32	<0.2	<0.23	<0.23	<0.23
	3/20/2009 Dup	<0.27	<0.18	<0.23	<0.27	0.39	<0.27	<0.23	2.1	<0.3	<0.14	<0.008	<0.18	<0.27	<0.28	0.83	<0.12	<0.29	0.3	<0.18	<0.2	<0.2	<0.2
IBM-37	1999 2ndQ	--	--	**12**	--	--	--	--	5	--	--	--	ND	--	ND	1.1	--	--	--	--	--	--	--
	1999 4thQ	--	--	**42**	--	--	--	--	6.4	--	--	--	ND	--	0.7	2.6	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	16	--	--	--	ND	--	ND	2.7	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	170	--	--	--	ND	--	6.1	22	--	--	--	--	--	--	--
	2001 2ndQ	--	--	ND	--	--	--	--	9.7	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 2ndQ	--	--	ND	--	--	--	--	6.3	--	--	--	31	--	ND	1.6	--	--	--	--	--	--	--
	2003 4thQ	<1.0	<0.72	<0.89	<1.1	<1.2	<1.1	<0.88	3.5	<1.2	<0.85	**<0.62 UJ9**	<0.71	<1.0	<1.1	1.3	<0.46	<1.1	<1.1	<0.70	<0.80	<0.80	<0.80
	12/18/2005	<1.6 UJ2,(1)	<1.1 UJ2,(1)	<1.3 UJ2,UJ9,(1)	<1.6 UJ2,(1)	<1.8 UJ2,(1)	<1.6 UJ2,(1)	<1.3 UJ2,(1)	80 J2,(1)	<1.8 UJ2,(1)	<0.85 UJ2,(1)	**<0.94 UJ2,UJ9,(1)**	**750 J2,(1)**	<1.6 UJ2,(1)	<1.7 UJ2,(1)	4.7 J2,(1)	<0.70 UJ2,(1)	<1.7 UJ2,(1)	<1.7 UJ2,(1)	<1.0 UJ2,(1)	<1.2 UJ2,(1)	<1.2 UJ2,(1)	<1.2 UJ2,(1)
	1/17/2006	<1.7 (1)	<1.1 (1)	<1.4 UJ9,(1)	<1.7 (1)	<1.9 (1)	<1.7 (1)	<1.4 (1)	130 (1)	<1.9 (1)	<0.90 (1)	**0.34 (1)**	**510 (1)**	<1.7 (1)	<1.8 (1)	5.4 (1)	<0.75 (1)	<1.8 (1)	2 (1)	<1.1 (1)	<1.3 (1)	<1.3 (1)	<1.3 (1)
	2/2/2007	<0.74 (1)	<0.51 (1)	<0.63 UJ9,(1)	<0.75 (1)	<0.83 (1)	<0.75 (1)	<0.62 (1)	8.4 (1)	<0.83 (1)	<0.40 (1)	0.0042 (1)	**32 (1)**	<0.74 (1)	<0.78 (1)	3.3 (1)	<0.33 (1)	<0.80 (1)	0.95 (1)	<0.50 (1)	<0.57 (1)	<0.57 (1)	<0.57 (1)
	2/2/2007 Dup	<0.74 (1)	<0.51 (1)	<0.63 UJ9,(1)	<0.75 (1)	<0.83 (1)	<0.75 (1)	<0.62 (1)	8.6 (1)	<0.83 (1)	<0.40 (1)	0.0044 (1)	**32 (1)**	<0.74 (1)	<0.78 (1)	3.3 (1)	<0.33 (1)	<0.80 (1)	1 (1)	<0.50 (1)	<0.57 (1)	<0.57 (1)	<0.57 (1)
	3/7/2007	<0.35 (1)	<0.24 (1)	<0.30 (1)	<0.36 (1)	0.47 (1)	<0.36 (1)	<0.30 (1)	21 (1)	<0.40 (1)	<0.19 (1)	**<0.076 UJ9,(1)**	**170 (1)**	<0.35 (1)	1.9 (1)	9.7 (1)	<0.16 (1)	0.42 (1)	3 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	6/13/2007	**<2.2 UJ9,(1)**	<1.5 (1)	**<1.9 UJ9,(1)**	<2.2 (1)	<2.5 (1)	<2.2 (1)	<1.8 (1)	21 (1)	<2.5 (1)	<1.2 (1)	**<0.49 UJ9,(1)**	**200 (1)**	<2.2 (1)	<2.3 (1)	11 (1)	<0.97 (1)	<2.4 (1)	3.3 (1)	<1.5 (1)	<1.7 (1)	<1.7 (1)	<1.7 (1)
	9/19/2007	<1.4 (1)	<1.0 (1)	**<1.2 UJ9,(1)**	<1.5 (1)	<1.6 (1)	<1.5 (1)	<1.2 (1)	9 (1)	<1.6 (1)	<0.78 (1)	<0.0054 (1)	**54 (1)**	<1.5 (1)	<1.5 (1)	5.1 (1)	<0.65 (1)	<1.6 (1)	1.7 (1)	<0.97 (1)	<1.1 (1)	<1.1 (1)	<1.1 (1)
	3/22/2008	<0.38	<0.26	<0.32	<0.38	0.58	<0.38	<0.32	19	<0.43	<0.2	<0.0079	10	<0.38	2.3	9.6	<0.17	1.4	2.5	<0.25	<0.29	<0.29	<0.29
	3/22/2008 Dup	<0.43	<0.3	<0.37	<0.44	0.54	<0.44	<0.36	21	<0.48	<0.23	<0.0086	10	<0.43	2.3	9.8	<0.19	1.5	2.6	<0.29	<0.33	<0.33	<0.33
	6/12/2008	<0.26	<0.18	<0.22	<0.26	0.62	<0.26	<0.22	8.8	<0.29	<0.14	<0.0039	2.3	<0.26	0.31	1.3	<0.11	0.36	0.43	<0.17	<0.2	<0.2	<0.2
	9/6/2008	<0.31	<0.21	<0.27	<0.31	<0.35	<0.31	<0.26	7	<0.35	<0.17	<0.0046	<0.21	<0.31	0.9	3.5	<0.14	<0.33	1.3	<0.21	<0.24	<0.24	<0.24
	9/6/2008 Dup	<0.25	<0.17	<0.21	<0.25	<0.28	<0.25	<0.21	3.7	<0.28	<0.13	<0.0074	<0.17	<0.25	0.47	1.7	<0.11	<0.27	0.64	<0.17	<0.19	<0.19	<0.19
	12/11/2008	<0.3	<0.21	<0.26	<0.3	0.54	<0.3	<0.25	32	<0.34	<0.16	<0.049	0.93	<0.3	3.4	14	<0.13	0.37	5.2	<0.2	<0.23	<0.23	<0.23
	12/11/2009 Dup	<0.32	<0.22	<0.27	<0.32	0.5	<0.32	<0.27	42	<0.36	<0.17	<0.046	0.89	<0.32	3.1	12	<0.14	<0.35	4.8	<0.21	<0.24	<0.24	<0.24
	4/6/2009	<0.25	<0.17	<0.22	<0.26	<0.28	<0.26	<0.21	1.3	<0.28	<0.14	<0.0075	1.8	<0.25	<0.27	0.76	<0.11	5.3	<0.27	<0.17	<0.19	<0.19	<0.19
	4/6/2009 Dup	<0.31	<0.22	<0.27	<0.32	0.37	<0.32	<0.27	10	0.51	<0.17	<0.013	**11**	<0.31	1.1	4.5	<0.14	0.85	1.4	<0.21	<0.24	<0.24	<0.24
IBM-41	1998 Feb	--	--	ND	--	--	--	--	64	--	--	--	3	--	6	24	--	--	--	--	--	--	--
	1998 Mar	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	1998 Apr	--	--	ND	--	--	--	--	34	--	--	--	ND	--	3.2	12	--	--	--	--	--	--	--
	1998 2ndQ	--	--	ND	--	--	--	--	48	--	--	--	ND	--	6.3	23	--	--	--	--	--	--	--
	1998 3rdQ	--	--	ND	--	--	--	--	34	--	--	--	1.4	--	4.8	17	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	52	--	--	--	**11**	--	4.6	17	--	--	--	--	--	--	--
	1999 1stQ	--	--	ND	--	--	--	--	91	--	--	--	**22**	--	5.1	20	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	61	--	--	--	**34**	--	8.2	32	--	--	--	--	--	--	--
	1999 3rdQ	--	--	ND	--	--	--	--	180	--	--	--	ND	--	6.3	32	--	--	--	--	--	--	--
	1999 4thQ	--	--	ND	--	--	--	--	140	--	--	--	ND	--	5.9	22	--	--	--	--	--	--	--
	2000 1stQ	--	--	ND	--	--	--	--	30	--	--	--	ND	--	2.9	12	--	--	--	--	--	--	--
	2000 2ndQ	--	--	ND	--	--	--	--	24	--	--	--	ND	--	3.4	13	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	28	--	--	--	ND	--	2.7	11	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	44	--	--	--	2.1	--	6.2	23	--	--	--	--	--	--	--
	2001 2ndQ	--	--	ND	--	--	--	--	22	--	--	--	ND	--	3.3	13	--	--	--	--	--	--	--
	2001 4thQ	--	--	ND	--	--	--	--	88	--	--	--	ND	--	3.9	16	--	--	--	--	--	--	--
	2003 2ndQ	--	--	ND	--	--	--	--	19	--	--	--	ND	--	2.2	8.3	--	--	--	--	--	--	--
	2003 4thQ	<1.0	<0.72	**<0.89**	<1.1	<1.2	<1.1	<0.88	75	<1.2	<0.56	**<0.62 UJ9**	<0.71	<1.0	8.3	31	<0.46	<1.1	12	<0.70	<0.80	<0.80	<0.80
	12/17/2005	<1.5 UJ2,(1)	<1.1 UJ2,(1)	**<1.3 UJ2,UJ9,(1)**	<1.6 UJ2,(1)	<1.7 UJ2,(1)	<1.6 UJ2,(1)	<1.3 UJ2,(1)	180 J2,(1)	<1.7 UJ2,(1)	<0.83 UJ2,(1)	**<0.92 UJ2,UJ9,(1)**	<1.0 UJ2,(1)	<1.5 UJ2,(1)	4.8 J2,(1)	20 J2,(1)	<0.69 UJ2,(1)	<1.7 UJ2,(1)	7.0 J2,(1)	<1.0 UJ2,(1)	<1.2 UJ2,(1)	<1.2 UJ2,(1)	<1.2 UJ2,(1)
	1/15/2006	<1.6 UJ2,(1)	<1.1 UJ2,(1)	**6.2 J2,(1)**	<1.6 UJ2,(1)	<1.8 UJ2,(1)	<1.6 UJ2,(1)	<1.3 UJ2,(1)	**270 J2,(1)**	<1.8 UJ2,(1)	<0.86 UJ2,(1)	<0.048 UJ2,(1)	1.2 J2,(1)	<1.6 UJ2,(1)	4.1 J2,(1)	15 J2,(1)	<0.71 UJ2,(1)	<1.7 UJ2,(1)	5.1 J2,(1)	<1.1 UJ2,(1)	<1.2 UJ2,(1)	3.6 J2,(1)	<1.2 UJ2,(1)
	12/6/2006	<3.3 (1)	<2.3 (1)	**<2.8 UJ9,(1)**	<3.3 (1)	<3.7 (1)	<3.3 (1)	<2.8 (1)	23 (1)	<3.7 (1)	<1.8 (1)	**<0.25 UJ9,(1)**	5.1 (1)	<3.3 (1)	3.5 (1)	17 (1)	<1.5 (1)	<3.6 (1)	5.2 (1)	<2.2 (1)	<2.5 (1)	7.8 (1)	<2.5 (1)
	3/4/2007	<0.30 (1)	<0.21 (1)	0.36 (1)	<0.31 (1)	<0.34 (1)	<0.31 (1)	<0.26 (1)	15 (1)	<0.34 (1)	<0.16 (1)	<0.0046 (1)	3 (1)	<0.30 (1)	3.2 (1)	15 (1)	<0.14 (1)	<0.33 (1)	5.1 (1)	<0.20 (1)	<0.23 (1)	1.3 (1)	<0.23 (1)

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																										
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																			
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-41	3/4/2007 Dup	2.5 (1)	<1.4 (1)	<0.14 (1)	18.4 (1)	81.5 (1)	<0.14 (1)	<0.14 (1)	1 (1)	<0.014 (1)	<0.37 (1)	<0.55 (1)	<3.0 (1)	0.27 (1)	<0.36 (1)	3.1 (1)	<0.19 (1)	<0.46 (1)	<0.36 (1)	<0.36 (1)	<0.40 (1)	<0.41 (1)	<0.49 (1)	<0.36 (1)	<0.29 (1)	<0.36 (1)	<0.26 (1)	**2.4 (1)**	<0.23 (1)
	6/10/2007	1.9 (1)	13 (1)	--	--	--	--	--	<14 (1)	**<0.36 UJ9,(1)**	<7.7 (1)	<11 (1)	<63 V,(1)	<5.3 (1)	<7.5 (1)	<8.6 (1)	<3.9 (1)	<9.6 (1)	<7.5 (1)	<7.4 (1)	<8.3 (1)	<8.5 (1)	<10 (1)	<7.5 (1)	**<6.1 UJ9,(1)**	**<7.4 UJ9,(1)**	<5.5 (1)	**<9.3 UJ9,(1)**	**<4.7 UJ9,(1)**
	9/16/2007	1.9 (1)	<1.8 (1)	--	--	--	--	--	<0.88 (1)	<0.018 (1)	<0.47 (1)	<0.69 (1)	45 M,(1)	<0.40 (1)	<0.46 (1)	9 (1)	<0.24 (1)	<0.58 (1)	<0.46 (1)	<0.45 (1)	1.1 (1)	<2.6 (1)	5.7 (1)	<0.46 (1)	<0.45 (1)	<0.45 (1)	0.45 (1)	1.8 (1)	<0.29 (1)
	1/11/2008	3.9	<1.5	--	--	--	--	--	<0.72	<0.097	<0.38	<0.56	58	0.35	<0.37	4	<0.19	<0.48	<0.37	<0.37	0.95	<2.1	5.5	<0.37	<0.3	<0.37	0.29	**3.5**	<0.24
	3/30/2008	1.9	7.6	--	--	--	--	--	<17	**<0.27**	<9	<13	920	<6.2	<8.8	<10	<4.6	<11	<8.8	<8.6	<9.7	<50	<12	<8.8	**<7.2**	**<8.6**	<6.4	**<11**	**<5.6**
	3/30/2008 Dup	1.8	7.3	--	--	--	--	--	<16	<0.18	<8.7	<13	960	<6	<8.6	<9.8	<4.4	<11	<8.6	<8.4	<9.4	<48	<12	<8.6	**<7**	**<8.4**	<6.2	**<11**	**<5.4**
	6/16/2008	1.8	<1.3	--	--	--	--	--	<0.57	<0.12	<0.3	<0.45	69 J	0.31	<0.3	19	<0.15	<0.38	<0.3	<0.29	0.73	<1.7	4.8	<0.3	<0.24	<0.29	0.37	1.6	<0.19
	6/16/2008 Dup	1.7	<1.5	--	--	--	--	--	<0.67	<0.13	<0.35	<0.52	64 J	0.3	<0.35	17	<0.18	<0.44	<0.35	<0.34	0.63	<2	4.3	<0.35	<0.28	<0.34	0.37	1.6	<0.22
	10/2/2008	1.7	9.4	--	--	--	--	--	<0.69	<0.014	<0.36	<0.54	56 M	<0.25	<0.36	2	<0.18	<0.45	<0.36	<0.35	<0.39	<2	3.8	<0.36	<0.29	<0.35	<0.26	1.6	<0.23
	10/2/2008 Dup	1.6	8	--	--	--	--	--	<0.69	<0.014	<0.37	<0.54	53 M	<0.25	<0.36	1.9	<0.19	<0.46	<0.36	<0.35	<0.4	<2	3.6	<0.36	<0.29	<0.35	<0.26	1.6	<0.23
	12/22/2008	2.4	9.7	--	--	--	--	--	<7.3	**<0.26**	<3.9	<5.7	800	<2.7	<3.8	<4.3	<2	<4.8	<3.8	<3.7	<4.2	<21	380	<3.8	<3.1	**<3.7**	<2.8	**<4.7**	**<2.4**
	12/22/2008 Dup	2	9.4	--	--	--	--	--	<6.3	<0.23	<3.4	<5.0	895	<2.3	<3.3	<3.8	<1.7	<4.2	<3.3	<3.2	<3.6	<19	340	<3.3	<2.7	<3.2	<2.4	**<4.1**	**<2.1**
	3/19/2009	2.1	2.3	--	--	--	--	--	<0.63	<0.042	<0.33	<0.49	49	0.32	<0.33	0.71	<0.17	<0.42	<0.33	<0.32	0.4	<1.8	5.8	<0.33	<0.27	<0.32	<0.24	**2.5**	<0.21
	3/19/2009 Dup	2.1	2.4	--	--	--	--	--	<0.64	<0.044	<0.34	<0.5	46	0.31	<0.34	0.7	<0.17	<0.43	<0.34	<0.33	0.44	<1.9	5.9	<0.34	<0.27	<0.33	<0.24	**2.5**	<0.21
IBM-42	9/16/2007	10 (1)	<1.6 (1)	--	--	--	--	--	<0.78 (1)	<0.016 (1)	<0.41 (1)	<0.61 (1)	120 J6,J15,M,(1)	0.44 (1)	<0.40 (1)	1.2 (1)	<0.21 (1)	<0.51 (1)	<0.40 (1)	<0.40 (1)	<0.44 (1)	2.3 (1)	3.2 (1)	<0.40 (1)	<0.33 (1)	<0.40 (1)	<0.29 (1)	**3.3 (1)**	<0.25 (1)
	7/7/2008	10	<1.7	--	--	--	--	--	<0.73	<0.015	<0.39	<0.57	33	0.48	<0.38	2.9	<0.2	<0.48	<0.38	<0.37	<0.42	<2.1	8.2	<0.38	<0.31	<0.37	<0.28	**6.1**	<0.24
	9/29/2008	13	18	--	--	--	--	--	<6.7	<0.13	<3.5	<5.2	74 M	<2.4	<3.5	<4	<1.8	<4.4	<3.5	<3.4	<3.8	<20	46	<3.5	<2.8	<3.4	<2.5	5.4	**<2.2**
IBM-43	9/29/2007	1.8 (1)	<1.5 (1)	--	--	--	--	--	<0.75 (1)	<0.015 (1)	<0.40 (1)	<0.58 (1)	58 (1)	0.31 (1)	<0.39 (1)	<0.44 (1)	<0.20 (1)	<0.49 (1)	<0.39 (1)	<0.38 (1)	<0.43 (1)	<2.2 (1)	2.6 (1)	<0.39 (1)	<0.32 (1)	<0.38 (1)	<0.28 (1)	<0.48 (1)	<0.24 (1)
	9/29/2007 Dup	1.8 (1)	<1.5 (1)	--	--	--	--	--	<0.74 (1)	<0.015 (1)	<0.39 (1)	<0.58 (1)	56 (1)	0.33 (1)	<0.39 (1)	<0.44 (1)	<0.20 (1)	<0.49 (1)	<0.39 (1)	<0.38 (1)	<0.42 (1)	<2.2 (1)	2.5 (1)	<0.39 (1)	<0.31 (1)	<0.38 (1)	<0.28 (1)	<0.48 (1)	<0.24 (1)
	7/13/2008	5.2	<2.2	--	--	--	--	--	<0.87	<0.018	<0.46	<0.68	47	<0.32	<0.45	<0.52	<0.23	<0.58	<0.45	<0.44	<0.5	<2.5	2.6	<0.45	0.54	<0.44	<0.33	<0.56	<0.28
	7/13/2008 Dup	1.5	<1.4	--	--	--	--	--	<0.67	<0.014	<0.36	<0.52	50	0.28	<0.35	<0.4	<0.18	<0.44	<0.35	<0.34	<0.38	<2	2.5	<0.35	0.44	<0.34	<0.25	<0.43	<0.22
	10/10/2008	1.6	<1.8	--	--	--	--	--	<0.74	<0.015	<0.39	<0.58	26 M	<0.27	<0.38	<0.44	<0.2	<0.49	<0.38	<0.38	<0.42	<2.2	1.2	<0.38	<0.31	<0.38	<0.28	0.76	<0.24
	10/10/2008 Dup	1.6	<1.6	--	--	--	--	--	<0.67	<0.014	<0.36	<0.53	30 M	0.28	<0.35	<0.4	<0.18	<0.45	<0.35	<0.34	<0.39	<2	1.7	<0.35	<0.28	<0.34	<0.25	0.82	<0.22
IBM-44	9/16/2007	2 (1)	3 (1)	--	--	--	--	--	<2.8 (1)	**<0.80 UJ9,(1)**	<1.5 (1)	<2.2 (1)	750 (1)	<1.0 (1)	<1.5 (1)	20 (1)	<0.76 (1)	<1.9 (1)	<1.5 (1)	<1.4 (1)	<1.6 (1)	<8.3 (1)	15 (1)	<1.5 (1)	<1.2 (1)	<1.4 (1)	<1.1 (1)	<1.8 (1)	**<0.93 UJ9,(1)**
IBM-49AMB	1998 Feb	2.6	--	--	--	--	--	--	--	ND	--	--	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**390**	--
	1998 Mar	2.5	--	--	--	--	--	--	--	ND	--	--	4.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5	--
	1998 Apr	2.4	--	--	--	--	--	--	--	ND	--	--	5.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 2ndQ	2.1	--	--	--	--	--	--	--	ND	--	--	4.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--
	1998 3rdQ	2.5	--	--	--	--	--	--	--	ND	--	--	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.4	--
	1998 4thQ	2.7	--	--	--	--	--	--	--	ND	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5	--
	1999 1stQ	2.5	--	--	--	--	--	--	--	ND	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1999 2ndQ	2.5	--	--	--	--	--	--	--	ND	--	--	7.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--
	1999 3rdQ	1.8	--	--	--	--	--	--	--	ND	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3	--
	1999 4thQ	2.1	--	--	--	--	--	--	--	ND	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	2000 1stQ	1.9	--	--	--	--	--	--	--	ND	--	--	6.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.82	--
	2000 2ndQ	12	--	--	--	--	--	--	--	ND	--	--	7.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 3rdQ	2	--	--	--	--	--	--	--	ND	--	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 4thQ	2.8	--	--	--	--	--	--	--	ND	--	--	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.3**	--
	2001 2ndQ	2.3	--	--	--	--	--	--	--	ND	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	12/17/2005	2.7 J2,(2)	<1.5 UJ2,(2)	<0.15 UJ2,(2)	21.8 J2,(2)	78.1 J2,(2)	<0.15 UJ2,(2)	<0.15 UJ2,(2)	<0.73 UJ2,(2)	**<0.59 UJ2,UJ9,(2)**	<0.39 UJ2,(2)	<0.57 UJ2,(2)	4.3 M,J2,J6,(2)	<0.27 UJ2,(2)	<0.38 UJ2,(2)	<0.43 UJ2,(2)	<0.20 UJ2,(2)	<0.48 UJ2,(2)	<0.38 UJ2,(2)	<0.37 UJ2,(2)	<0.42 UJ2,(2)	<0.43 UJ2,(2)	0.70 J2,(2)	<0.38 UJ2,(2)	<0.31 UJ2,(2)	<0.37 UJ2,(2)	<0.28 UJ2,(2)	0.68 J2,(2)	<0.24 UJ2,(2)
	1/15/2006	2.9 (2)	<1.4 (2)	<0.14 (2)	21.8 (2)	78.2 (2)	<0.14 (2)	<0.14 (2)	<0.68 (2)	<0.014 (2)	<0.36 (2)	<0.53 (2)	6.4 M,J6,(2)	<0.25 (2)	<0.35 (2)	<0.40 (2)	<0.18 (2)	<0.45 (2)	<0.35 (2)	<0.35 (2)	<0.39 (2)	<0.40 (2)	0.85 (2)	<0.35 (2)	<0.29 (2)	<0.35 (2)	<0.26 (2)	0.87 (2)	<0.22 (2)
	12/6/2006	3.3 (2)	<1.5 (2)	<0.15 (2)	22.1 (2)	77.8 (2)	<0.15 (2)	<0.15 (2)	<0.71 (2)	<0.014 (2)	<0.38 (2)	<0.56 (2)	18 M,(2)	0.28 (2)	<0.37 (2)	1 (2)	<0.19 (2)	<0.47 (2)	<0.37 (2)	<0.36 (2)	<0.41 (2)	<0.42 (2)	2 (2)	<0.37 (2)	<0.30 (2)	<0.36 (2)	<0.27 (2)	1.5 (2)	<0.23 (2)
	3/11/2007	3.1 (2)	<1.7 (2)	<0.17 (2)	22.2 (2)	77.7 (2)	<0.17 (2)	<0.17 (2)	<0.80 (2)	<0.016 (2)	<0.43 (2)	<0.63 (2)	10 (2)	0.32 (2)	<0.42 (2)	0.48 (2)	<0.22 (2)	<0.53 (2)	<0.42 (2)	<0.41 (2)	<0.46 (2)	<0.47 (2)	1.4 (2)	<0.42 (2)	<0.34 (2)	<0.41 (2)	<0.30 (2)	1.1 (2)	<0.26 (2)
	3/11/2007 Dup	3 (2)	<1.6 (2)	<0.16 (2)	22.2 (2)	77.7 (2)	<0.16 (2)	<0.16 (2)	<0.77 (2)	<0.015 (2)	<0.41 (2)	<0.60 (2)	12 (2)	<0.28 (2)	<0.40 (2)	0.46 (2)	<0.21 (2)	<0.51 (2)	<0.40 (2)	<0.39 (2)	<0.44 (2)	<0.45 (2)	1.4 (2)	<0.40 (2)	<0.32 (2)	<0.39 (2)	<0.29 (2)	1 (2)	<0.25 (2)
	6/10/2007	2 (2)	<1.3 (2)	--	--	--	--	--	<0.64 (2)	<0.013 (2)	<0.34 (2)	<0.50 (2)	3.8 M,V,(2)	<0.24 (2)	<0.34 (2)	<0.38 (2)	<0.17 (2)	<0.43 (2)	<0.34 (2)	<0.33 (2)	<0.37 (2)	<0.38 (2)	0.66 (2)	<0.34 (2)	<0.27 (2)	<0.33 (2)	<0.24 (2)	<0.42 (2)	<0.21 (2)
	9/16/2007	1.9 (2)	<1.5 (2)	--	--	--	--	--	<0.71 (2)	<0.014 (2)	<0.38 (2)	<0.56 (2)	14 (2)	0.3 (2)	<0.37 (2)	<0.42 (2)	<0.19 (2)	<0.47 (2)	<0.37 (2)	<0.36 (2)	<0.41 (2)	<2.1 (2)	1.6 (2)	<0.37 (2)	<0.30 (2)	<0.36 (2)	<0.27 (2)	0.52 (2)	<0.23 (2)
	9/16/2007 Dup	1.9 (2)	<1.7 (2)	--	--	--	--	--	<0.82 (2)	<0.017 (2)	<0.44 (2)	<0.64 (2)	10 M,(2)	<0.31 (2)	<0.43 (2)	<0.49 (2)	<0.22 (2)	<0.54 (2)	<0.43 (2)	<0.42 (2)	<0.47 (2)	<2.4 (2)	1.1 (2)	<0.43 (2)	<0.35 (2)	<0.42 (2)	<0.31 (2)	0.55 (2)	<0.27 (2)
	1/11/2008	3.9	<1.4	--	--	--	--	--	<0.68	<0.014	<0.36	<0.53	18	0.29	<0.36	1.1	<0.18	<0.45	<0.36	<0.35	<0.39	<2	2.4	<0.36	<0.29	<0.35	<0.26	**2**	<0.22
	3/22/2008	2.3	<1.6	--	--	--	--	--	<0.98	<0.02	<0.52	<0.77	12 M	<0.36	<0.51	<0.58	<0.26	<0.65	<0.51	<0.5	<0.56	<2.9 V	1.2	<0.51	<0.42	<0.5	<0.37	0.65	<0.32
	3/22/2008 Dup	2.3	<1.6	--	--	--	--	--	<0.95	<0.019	<0.51	<0.75	13 M	<0.35	<0.5	<0.57	<0.26	<0.63	<0.5	<0.49	<0.55	<2.8 V	1.2	<0.5	<0.4	<0.49	<0.36	0.73	<0.31
	6/21/2008	1.6	<1.4	--	--	--	--	--	<0.6	<0.012	<0.32	<0.47	9.7	0.23	<0.31	<0.36	<0.16	<0.4	<0.31	<0.31	<0.35	<1.8	1	<0.31	<0.26	<0.31	<0.23	<0.39	<0.2
	9/12/2008	1.7	7.1	--	--	--	--	--	<0.61	<0.025	<0.32	<0.48	7.1 M	<0.22	<0.32	<0.36	<0.16	<0.4	<0.32	<0.31	<0.35	<1.8	0.46	<0.32	<0.26	<0.31	<0.23	<0.39	<0.2
	12/13/2008	2.4	<1.4	--	--	--	--	--	<0.63	<0.013	<0.33	<0.49	3.1	0.23	<0.33	<0.37	<0.17	<0.41	<0.33	<0.32	<0.36	<1.8	<0.44	<0.33	<0.26	<0.32	<0.24	0.54	<0.21
	3/21/2009	1.9	2.4	--	--	--	--	--	<0.63	<0.013	<0.33	<0.49	4.2	0.23	<0.33	<0.37	<0.17	<0.42	<0.33	<0.32	<0.36	<1.8	<0.44	<0.33	<0.27	<0.32	<0.24	<0.41	<0.21
IBM-50	1998 Feb	2.7	--	--	--	--	--	--	--	ND	--	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	1998 Mar	2.5	--	--	--	--	--	--	--	ND	--	--	7.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--
	1998 Apr	2.6	--	--	--	--	--	--	--	ND	--	--	5.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	1998 2ndQ	2.1	--	--	--	--	--	--	--	ND	--	--	66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	--
	1998 3rdQ	3	--	--	--	--	--	--	--	ND	--	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.6	--
	1998 4thQ	2.8	--	--	--	--	--	--	--	ND	--	--	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.1**	--
	1999 1stQ	2.9	--	--	--	--	--	--	--	ND	--	--	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.1**	--
	1999 2ndQ	2.3	--	--	--	--	--	--	--	ND	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--
	1999 3rdQ	1.8	--	--	--	--	--	--	--	ND	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**16**	--
	1999 4thQ	2.2	--	--	--	--	--	--	--	ND	--	--	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	2000 1stQ	1.7	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 2ndQ	2	--	--	--	--	--	--	--	ND	--	--	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2000 3rdQ	2.6	--	--	--	--	--	--	--	ND	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
	2000 4thQ	3	--	--	--	--	--	--	--	ND	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.6**	--
	2001 2ndQ	2.1	--	--	--	--	--	--	--	ND	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2001 4thQ	2.2	--	--	--	--	--	--	--	ND	--	--	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2002 2ndQ	1.8	--	--	--	--	--	--	--	ND	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.95	--
	2002 4thQ	3.5	<1.5	--	--	--	--	--	<2.9	**<2.3 UJ9**	<1.5	<2.2	22	<1.1	<1.5	<1.7	<0.77	<1.9	<1.5	<1.5	5.7	<1.7	<2.0	<1.5	<1.2	<1.5	<1.1	**2**	**<0.94 UJ9**
	2003 4thQ	2.5	<1.6	--	--	--	--	--	<3.0	**<2.4 UJ9**	<1.6	<2.4	18	<1.1	<1.6	<1.9	<0.81	<2.0	<1.6	<1.5	<1.7	<1.8	<2.1	<1.6	<1.3	<1.5	<1.1	<2.0	**0.99**
	12/23/2005	3.1 (1)	35 (1)	<0.18 (1)	21.9 (1)	78.1 (1)	<0.18 (1)	<0.18 (1)	<0.89 UJ2,(1)	**<0.72 UJ2,UJ9,(1)**	<0.47 UJ2,(1)	<0.70 UJ2,(1)	20 M,J2,J6,(1)	<0.33 UJ2,(1)	<0.46 UJ2,(1)	1.2 J2,(1)	<0.24 UJ2,(1)	<0.59 UJ2,(1)	<0.46 UJ2,(1)	<0.45 UJ2,(1)	<0.51 UJ2,(1)	<0.52 UJ2,(1)	3.5 J2,(1)	<0.46 UJ2,(1)	<0.38 UJ2,(1)	<0.45 UJ2,(1)	<0.34 UJ2,(1)	**2.4 J2,(1)**	<0.29 UJ2,(1)
	1/15/2006	2.7 (1)	<1.8 (1)	<0.18 (1)	21.9 (1)	78.1 (1)	<0.18 (1)	<0.18 (1)	<0.87 (1)	<0.018 (1)	<0.46 (1)	<0.68 (1)	32 (1)	<0.32 (1)	<0.45 (1)	<0.52 (1)	<0.23 (1)	<0.58 (1)	<0.45 (1)	<0.44 (1)	<0.5 (1)	<0.51 (1)	1.8 (1)	<0.45 (1)	<0.37 (1)	<0.44 (1)	<0.33 (1)	0.95 (1)	<0.29 (1)
	12/10/2006	1.7 (1)	17 (1)	<0.17 (1)	22.1 (1)	77.8 (1)	<0.17 (1)	<0.17 (1)	<3.2 (1)	<0.065 (1)	<1.7 (1)	<2.5 (1)	<14 (1)	<1.2 (1)	<1.7 (1)	<1.9 (1)	<0.87 (1)	<2.1 (1)	<1.7 (1)	<1.6 (1)	<1.8 (1)	<1.9 (1)	2.6 (1)	<1.7 (1)	<1.4 (1)	<1.6 (1)	<1.2 (1)	**<2.1 UJ9,(1)**	**<1.1 UJ9,(1)**
	12/10/2006 Dup	1.9 (1)	15 (1)	<0.15 (1)	22.2 (1)	77.7 (1)	<0.15 (1)	<0.15 (1)	<0.74 (1)	<0.060 (1)	<0.39 (1)	<0.58 (1)	20 M,(1)	<0.27 (1)	<0.39 (1)	<0.44 (1)	<0.20 (1)	<0.49 (1)	<0.39 (1)	<0.38 (1)	<0.42 (1)	2 (1)	3.3 (1)	<0.39 (1)	<0.31 (1)	<0.38 (1)	<0.28 (1)	0.85 (1)	**<0.24,(1)**
	3/11/2007	3.1 (1)	68 (1)	<0.16 (1)	22.2 (1)	77.7 (1)	<0.16 (1)	<0.16 (1)	<0.79 (1)	<0.016 (1)	<0.42 (1)	<0.62 (1)	15 M,(1)	<0.29 (1)	<0.41 (1)	0.51 (1)	<0.21 (1)	<0.53 (1)	<0.41 (1)	<0.41 (1)	<0.46 (1)	<0.47 (1)	4.6 (1)	<0.41 (1)	<0.34 (1)	<0.41 (1)	<0.30 (1)	1.1 (1)	<0.26 (1)
	3/11/2007 Dup	3.3 (1)	67 (1)	<0.18 (1)	22.2 (1)	77.7 (1)	<0.18 (1)	<0.18 (1)	<0.86 (1)	<0.017 (1)	<0.46 (1)	<0.67 (1)	15 M,(1)	<0.32 (1)	<0.45 (1)	<0.51 (1)	<0.23 (1)	<0.57 (1)	<0.45 (1)	<0.44 (1)	<0.49 (1)	<0.50 (1)	4.8 (1)	<0.45 (1)	<0.36 (1)	<0.44 (1)	<0.32 (1)	1.1 (1)	<0.28 (1)
	6/10/2007	2 (1)	<1.9 (1)	--	--	--	--	--	<0.93 (1)	<0.019 (1)	<0.49 (1)	<0.73 (1)	6.7 M, V,(1)	<0.34 (1)	<0.48 (1)	<0.55 (1)	<0.25 (1)	<0.62 (1)	<0.48 (1)	<0.47 (1)	<0.53 (1)	1 (1)	1.1 (1)	<0.48 (1)	<0.39 (1)	<0.47 (1)	<0.35 (1)	<0.60 (1)	<0.31 (1)
	9/23/2007	1.9 (1)	<1.9 (1)	--	--	--	--	--	<0.90 V,(1)	<0.018 (1)	<0.48 (1)	<0.70 (1)	11 (1)	<0.33 (1)	<0.47 (1)	<0.53 (1)	<0.24 (1)	<0.59 (1)	<0.47 (1)	<0.46 (1)	<0.51 (1)	<2.6 (1)	1.2 (1)	<0.47 (1)	<0.38 (1)	<0.46 (1)	<0.34 (1)	<0.58 (1)	<0.29 (1)
	1/12/2008	3.7	<1.5	--	--	--	--	--	<0.73	<0.015	<0.39	<0.57	15	0.31	<0.38	0.88	<0.2	<0.48	<0.38	<0.37	<0.42	<2.1	2.2	<0.38	<0.31	<0.37	<0.28	1.6	<0.24
	3/22/2008	2.4	<1.6	--	--	--	--	--	<0.95	<0.019	<0.51	<0.75	15 M	<0.35	<0.5	<0.57	<0.26	<0.63	<0.5	<0.49	<0.55	<2.8 V	1.4	<0.5	<0.4	<0.49	<0.36	0.62	<0.31
	6/14/2008	1.7	<1.2	--	--	--	--	--	<0.56	<0.011	<0.3	<0.44	12 J	0.27	<0.29	<0.33	<0.15	<0.37	<0.29	<0.29	<0.32	<1.6	1	<0.29	<0.24	<0.29	<0.21	0.37	<0.18

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																					
		EPA Method TO-15																					
Sample Location	Sample Event Date	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-41	3/4/2007 Dup	<0.31 (1)	<0.22 (1)	0.39 (1)	<0.32 (1)	<0.35 (1)	<0.32 (1)	<0.26 (1)	15 (1)	<0.35 (1)	<0.17 (1)	<0.0047 (1)	3.1 (1)	<0.31 (1)	3.1 (1)	9.2 (1)	<0.14 (1)	<0.34 (1)	4 (1)	<0.21 (1)	<0.24 (1)	1.3 (1)	<0.24 (1)
	6/10/2007	**<6.5 UJ9,(1)**	<4.4 (1)	**<5.5 UJ9,(1)**	<6.6 (1)	<7.3 (1)	<6.6 (1)	<5.5 (1)	**690 (1)**	<7.3 V,(1)	<3.5 (1)	**<0.12 UJ9,(1)**	<4.4 (1)	<6.5 (1)	<6.9 (1)	11 (1)	<2.9 (1)	<7.0 (1)	<6.9 (1)	<4.3 (1)	<5.0 (1)	<5.0 (1)	<5.0 (1)
	9/16/2007	<0.39 (1)	<0.27 (1)	0.52 (1)	<0.40 (1)	0.51 (1)	<0.40 (1)	<0.33 (1)	22 (1)	<0.44 (1)	<0.21 (1)	<0.0059 UJ9,(1)	1.3 (1)	<0.40 (1)	1.7 (1)	7.5 (1)	<0.18 (1)	0.54 (1)	2.3 (1)	<0.27 (1)	<0.30 (1)	<0.30 (1)	<0.30 (1)
	1/11/2008	<0.32	<0.22	0.43	<0.33	0.41	<0.33	<0.27	130	<0.36	<0.17	<0.032	1.6	<0.32	3.4	14	<0.14	0.63	4.7	<0.22	<0.25	<0.25	<0.25
	3/30/2008	**<7.6**	<5.2	**<6.5**	<7.7	<8.5	<7.7	<6.4	140	<8.5	<4.1	**<0.091**	<5.2	<7.6	<8.1	19	<3.4	<8.2	<8.1	<5.1	<5.8	<5.8	<5.8
	3/30/2008 Dup	**<7.3**	<5.1	**<6.3**	<7.5	<8.3	<7.5	<6.2	150	<8.3	<4	<0.059	<5	<7.4	<7.8	19	<3.3	<8	<7.8	<4.9	<5.6	<5.6	<5.6
	6/16/2008	<0.25	<0.18	0.38	<0.26	0.3	<0.26	<0.22	21	<0.29	<0.14	<0.0038	0.61	<0.26	1.6	7.4	<0.11	1	2.6	<0.17	<0.2	<0.2	<0.2
	6/16/2008 Dup	<0.3	<0.21	0.42	<0.3	<0.34	<0.3	<0.25	22	<0.34	<0.16	<0.0045	0.69	<0.3	1.8	8	<0.13	1.1	2.8	<0.2	<0.23	<0.23	<0.23
	10/2/2008	<0.31	<0.21	**0.71**	<0.31	<0.35	<0.31	<0.26	19	<0.35	<0.17	<0.0046	0.26	<0.31	1.9	7	<0.14	<0.33	2.5	<0.21	<0.24	<0.24	<0.24
	10/2/2008 Dup	<0.31	<0.21	**0.69**	<0.32	<0.35	<0.32	<0.26	18	<0.35	<0.17	<0.0047	0.24	<0.31	1.8	6.8	<0.14	<0.34	2.4	<0.21	<0.24	<0.24	<0.24
	12/22/2008	<3.2	<2.2	**<2.8**	<3.3	<3.7	<3.3	<2.8	**240**	<3.7	<1.8	**<0.087**	<2.2	<3.3	<3.5	6.4	<1.5	<3.5	<3.5	<2.2	<2.5	<2.5	<2.5
	12/22/2008 Dup	<2.8	<2.0	**<2.4**	<2.9	<3.2	<2.9	<2.4	**257**	<3.2	<1.5	**<0.077**	<1.9	<2.8	<3.0	7.68	<1.3	<3.1	<3.0	<1.9	<2.2	<2.2	<2.2
	3/19/2009	<0.28	<0.19	0.29	<0.29	0.42	<0.29	<0.24	31	<0.32	<0.15	<0.014	0.33	<0.28	3.7	17	<0.13	0.51	4.6	<0.19	<0.22	<0.22	<0.22
	3/19/2009 Dup	<0.29	<0.2	0.28	<0.29	0.42	<0.29	<0.24	31	<0.32	<0.16	<0.014	0.33	<0.29	3.4	14	<0.13	0.52	4.6	<0.19	<0.22	<0.22	<0.22
IBM-42	9/16/2007	<0.35 (1)	<0.24 (1)	<0.30 (1)	<0.35 (1)	0.55 (1)	<0.35 (1)	<0.29 (1)	15 (1)	<0.39 (1)	<0.19 (1)	<0.0052 (1)	<0.24 (1)	<0.35 (1)	3.6 (1)	14 (1)	<0.15 (1)	<0.38 (1)	4.4 (1)	<0.23 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	7/7/2008	<0.33	<0.22	<0.28	<0.33	0.76	<0.33	<0.28	32	<0.37	<0.18	<0.0049	<0.22	<0.33	4.6	20	<0.15	<0.35	7.5	<0.22	<0.25	<0.25	<0.25
	9/29/2008	<3	<2.1	**<2.6**	<3	<3.4	<3	<2.5	120	<3.4	<1.6	<0.045	<2	<3	7.1	26	<1.3	<3.2	10	<2	<2.3	<2.3	<2.3
IBM-43	9/29/2007	<0.33 (1)	<0.23 (1)	<0.29 (1)	<0.34 (1)	<0.38 (1)	<0.34 (1)	<0.28 (1)	1.5 (1)	<0.38 (1)	<0.18 (1)	<0.0050 (1)	0.24 (1)	<0.33 (1)	0.82 (1)	3.7 (1)	<0.15 (1)	<0.36 (1)	0.89 (1)	<0.22 (1)	<0.26 (1)	<0.26 (1)	<0.26 (1)
	9/29/2007 Dup	<0.33 (1)	<0.23 (1)	<0.28 (1)	<0.34 (1)	<0.37 (1)	<0.34 (1)	<0.28 (1)	1.5 (1)	<0.37 (1)	<0.18 (1)	<0.0050 (1)	0.23 (1)	<0.33 (1)	0.83 (1)	3.6 (1)	<0.15 (1)	<0.36 (1)	0.89 (1)	<0.22 (1)	<0.25 (1)	<0.25 (1)	<0.25 (1)
	7/13/2008	<0.39	<0.27	<0.33	<0.39	<0.44	<0.39	<0.33	1.9	<0.44	<0.21	<0.0058	<0.26	<0.39	1	4.6	<0.17	<0.42	1.2	<0.26	<0.3	<0.3	<0.3
	7/13/2008 Dup	<0.3	<0.21	<0.26	<0.3	<0.34	<0.3	<0.25	1.5	<0.34	<0.16	<0.0045	<0.2	<0.3	0.89	4.3	<0.13	<0.32	1.1	<0.2	<0.23	<0.23	<0.23
	10/10/2008	<0.33	<0.23	<0.28	<0.33	<0.37	<0.33	<0.28	2.8	<0.37	<0.18	<0.0049	<0.22	<0.33	0.63	2.7	<0.15	<0.36	0.89	<0.22	<0.25	<0.25	<0.25
	10/10/2008 Dup	<0.3	<0.21	<0.26	<0.31	<0.34	<0.31	<0.25	3	<0.34	<0.16	<0.0045	<0.2	<0.3	0.67	2.9	<0.13	<0.33	0.95	<0.2	<0.23	<0.23	<0.23
IBM-44	9/16/2007	<1.3 (1)	<0.87 (1)	**<1.1 (1)**	<1.3 (1)	<1.4 (1)	<1.3 (1)	<1.1 (1)	110 (1)	<1.4 (1)	<0.68 (1)	**<0.27,(1)**	<0.86 (1)	<1.3 (1)	6.8 (1)	34 (1)	<0.56 (1)	<1.4 (1)	12 (1)	<0.85 (1)	<0.97 (1)	<0.97 (1)	<0.97 (1)
IBM-49AMB	1998 Feb	--	--	ND	--	--	--	--	**6700**	--	--	--	ND	--	**1000**	**2900**	--	--	--	--	--	--	--
	1998 Mar	--	--	ND	--	--	--	--	4.9	--	--	--	ND	--	ND	1.9	--	--	--	--	--	--	--
	1998 Apr	--	--	ND	--	--	--	--	2.9	--	--	--	1.1	--	ND	1.3	--	--	--	--	--	--	--
	1998 2ndQ	--	--	ND	--	--	--	--	4.2	--	--	--	ND	--	ND	1.6	--	--	--	--	--	--	--
	1998 3rdQ	--	--	ND	--	--	--	--	3.7	--	--	--	ND	--	ND	3	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	3.1	--	--	--	ND	--	ND	1.8	--	--	--	--	--	--	--
	1999 1stQ	--	--	ND	--	--	--	--	5.2	--	--	--	1.7	--	ND	2.5	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	2.7	--	--	--	ND	--	ND	1.5	--	--	--	--	--	--	--
	1999 3rdQ	--	--	ND	--	--	--	--	4	--	--	--	ND	--	ND	3	--	--	--	--	--	--	--
	1999 4thQ	--	--	ND	--	--	--	--	3	--	--	--	ND	--	ND	1.6	--	--	--	--	--	--	--
	2000 1stQ	--	--	ND	--	--	--	--	2.4	--	--	--	ND	--	ND	1.5	--	--	--	--	--	--	--
	2000 2ndQ	--	--	ND	--	--	--	--	1.6	--	--	--	ND	--	ND	0.88	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	3.1	--	--	--	ND	--	ND	0.85	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	6.9	--	--	--	0.7	--	0.92	3.3	--	--	--	--	--	--	--
	2001 2ndQ	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	12/17/2005	<0.32 UJ2,(2)	<0.22 UJ2,(2)	<0.28 UJ2,(2)	<0.33 UJ2,(2)	<0.37 UJ2,(2)	<0.33 UJ2,(2)	<0.28 UJ2,(2)	1.6 J2,(2)	<0.37 UJ2,(2)	<0.18 UJ2,(2)	**<0.20 UJ2,UJ9,(2)**	<0.22 UJ2,(2)	<0.33 UJ2,(2)	<0.35 UJ2,(2)	0.90 J2,(2)	<0.15 UJ2,(2)	<0.35 UJ2,(2)	<0.35 UJ2,(2)	<0.22 UJ2,(2)	<0.25 UJ2,(2)	<0.25 UJ2,(2)	<0.25 UJ2,(2)
	1/15/2006	<0.30 (2)	<0.21 (2)	**6.8 (2)**	<0.31 (2)	<0.34 (2)	<0.31 (2)	<0.26 (2)	4.8 (2)	<0.34 (2)	<0.16 (2)	<0.0046 (2)	<0.21 (2)	<0.30 (2)	0.39 (2)	1.4 (2)	<0.14 (2)	0.37 (2)	0.49 (2)	<0.20 (2)	<0.23 (2)	<0.23 (2)	<0.23 (2)
	12/6/2006	<0.32 (2)	<0.22 (2)	<0.27 (2)	<0.32 (2)	<0.36 (2)	<0.32 (2)	<0.27 (2)	5 (2)	<0.36 (2)	<0.17 (2)	<0.0048 (2)	<0.22 (2)	<0.32 (2)	0.7 (2)	3.1 (2)	<0.14 (2)	<0.35 (2)	1 (2)	<0.21 (2)	<0.24 (2)	<0.24 (2)	<0.24 (2)
	3/11/2007	<0.36 (2)	<0.25 (2)	<0.31 (2)	<0.36 (2)	<0.40 (2)	<0.36 (2)	<0.30 (2)	3.7 (2)	<0.40 (2)	<0.19 (2)	<0.0054 (2)	<0.24 (2)	<0.36 (2)	0.48 (2)	1.9 (2)	<0.16 (2)	<0.39 (2)	0.67 (2)	<0.24 (2)	<0.27 (2)	<0.27 (2)	<0.27 (2)
	3/11/2007 Dup	<0.34 (2)	<0.24 (2)	<0.29 (2)	<0.35 (2)	<0.39 (2)	<0.35 (2)	<0.29 (2)	3.8 (2)	<0.39 (2)	<0.19 (2)	<0.0051 (2)	0.25 (2)	<0.34 (2)	0.47 (2)	1.9 (2)	<0.15 (2)	<0.37 (2)	0.66 (2)	<0.23 (2)	<0.26 (2)	<0.26 (2)	<0.26 (2)
	6/10/2007	<0.29 (2)	<0.20 (2)	<0.25 (2)	<0.29 (2)	<0.32 (2)	<0.29 (2)	<0.24 (2)	1.1 (2)	<0.32 V,(2)	<0.16 (2)	<0.0043 (2)	<0.20 (2)	<0.29 (2)	<0.31 (2)	0.37 (2)	<0.13 (2)	<0.31 (2)	<0.31 (2)	<0.19 (2)	<0.22 (2)	<0.22 (2)	<0.22 (2)
	9/16/2007	<0.32 (2)	<0.22 (2)	<0.27 (2)	<0.32 (2)	<0.36 (2)	<0.32 (2)	<0.27 (2)	1.8 (2)	<0.36 (2)	<0.17 (2)	<0.0048 (2)	<0.22 (2)	<0.32 (2)	<0.34 (2)	1.1 (2)	<0.14 (2)	<0.35 (2)	0.39 (2)	<0.21 (2)	<0.24 (2)	<0.24 (2)	<0.24 (2)
	9/16/2007 Dup	<0.37 (2)	<0.25 (2)	<0.31 (2)	<0.37 (2)	<0.41 (2)	<0.37 (2)	<0.31 (2)	1.8 (2)	<0.41 (2)	<0.20 (2)	<0.0055 (2)	<0.25 (2)	<0.37 (2)	<0.39 (2)	1.1 (2)	<0.16 (2)	<0.40 (2)	<0.39 (2)	<0.25 (2)	<0.28 (2)	<0.28 (2)	<0.28 (2)
	1/11/2008	<0.31	<0.21	<0.26	<0.31	<0.34	<0.31	<0.26	6	<0.34	<0.17	<0.0046	0.25	<0.31	0.74	3	<0.14	0.35	1	<0.21	<0.23	<0.23	<0.23
	3/22/2008	<0.44	<0.3	<0.38	<0.45	<0.49	<0.45	<0.37	2.8	<0.5	<0.24	<0.0066	<0.3	<0.44	<0.47	1.5	<0.2	<0.48	0.52	<0.3	<0.34	<0.34	<0.34
	3/22/2008 Dup	<0.43	<0.29	<0.37	<0.43	<0.48	<0.43	<0.36	2.9	<0.48	<0.23	<0.0064	<0.29	<0.43	<0.45	1.6	<0.19	<0.46	0.55	<0.29	<0.33	<0.33	<0.33
	6/21/2008	<0.27	<0.19	<0.23	<0.27	<0.3	<0.27	<0.23	1.1	<0.3	<0.15	<0.0041	<0.18	<0.27	<0.29	0.58	<0.12	<0.29	<0.29	<0.18	<0.21	<0.21	<0.21
	9/12/2008	<0.27	<0.19	<0.23	<0.28	<0.31	<0.28	<0.23	0.86	<0.31	<0.15	<0.0082	<0.19	<0.27	<0.29	0.48	<0.12	<0.3	<0.29	<0.18	<0.21	<0.21	<0.21
	12/13/2008	<0.28	<0.19	<0.24	<0.28	<0.32	<0.28	<0.24	1.4	<0.32	<0.15	<0.0042	<0.19	<0.28	<0.3	0.82	<0.12	<0.3	<0.3	<0.19	<0.21	<0.21	<0.21
	3/21/2009	<0.28	<0.19	<0.24	<0.29	<0.32	<0.29	<0.24	0.35	<0.32	<0.15	<0.0042	<0.19	<0.28	<0.3	<0.3	<0.13	<0.31	<0.3	<0.19	<0.22	<0.22	<0.22
IBM-50	1998 Feb	--	--	ND	--	--	--	--	3.8	--	--	--	0.67	--	ND	1.4	--	--	--	--	--	--	--
	1998 Mar	--	--	ND	--	--	--	--	3.9	--	--	--	ND	--	ND	1.4	--	--	--	--	--	--	--
	1998 Apr	--	--	ND	--	--	--	--	2.7	--	--	--	ND	--	0.7	2.5	--	--	--	--	--	--	--
	1998 2ndQ	--	--	ND	--	--	--	--	3.9	--	--	--	ND	--	ND	1.4	--	--	--	--	--	--	--
	1998 3rdQ	--	--	ND	--	--	--	--	5.3	--	--	--	ND	--	ND	1.8	--	--	--	--	--	--	--
	1998 4thQ	--	--	ND	--	--	--	--	8	--	--	--	ND	--	2.5	11	--	--	--	--	--	--	--
	1999 1stQ	--	--	ND	--	--	--	--	6.2	--	--	--	ND	--	1.1	4.4	--	--	--	--	--	--	--
	1999 2ndQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	1.1	--	--	--	--	--	--	--
	1999 3rdQ	--	--	ND	--	--	--	--	5.7	--	--	--	ND	--	ND	1.6	--	--	--	--	--	--	--
	1999 4thQ	--	--	ND	--	--	--	--	2.8	--	--	--	ND	--	ND	1.7	--	--	--	--	--	--	--
	2000 1stQ	--	--	ND	--	--	--	--	2.5	--	--	--	ND	--	ND	1.1	--	--	--	--	--	--	--
	2000 2ndQ	--	--	ND	--	--	--	--	5.4	--	--	--	ND	--	1.1	4.7	--	--	--	--	--	--	--
	2000 3rdQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	0.7	--	--	--	--	--	--	--
	2000 4thQ	--	--	ND	--	--	--	--	9.2	--	--	--	0.74	--	3.9	20	--	--	--	--	--	--	--
	2001 2ndQ	--	--	ND	--	--	--	--	10	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2001 4thQ	--	--	ND	--	--	--	--	2.6	--	--	--	ND	--	ND	1.5	--	--	--	--	--	--	--
	2002 2ndQ	--	--	ND	--	--	--	--	3.3	--	--	--	ND	--	0.65	2.4	--	--	--	--	--	--	--
	2002 4thQ	<1.3	<0.88	**<1.1 UJ9**	<1.3	<1.4	<1.3	<1.1	6.4	<1.4	<0.70	**<0.77 UJ9**	<0.87	<1.3	<1.4	2.6	<0.57	<1.4	<1.4	<0.86	<0.99	<0.99	<0.99
	2003 4thQ	<1.4	<0.93	**<1.2 UJ9**	<1.4	<1.5	<1.4	<1.1	5.1	<1.5	<0.73	**<0.81 UJ9**	<0.92	<1.4	<1.4	2.5	<0.60	<1.5	<1.4	<0.91	<1.0	<1.0	<1.0
	12/23/2005	<0.40 UJ2,(1)	<0.27 UJ2,(1)	<0.34 UJ2,(1)	<0.41 UJ2,(1)	<0.45 UJ2,(1)	<0.41 UJ2,(1)	<0.34 UJ2,(1)	8.1 J2,(1)	<0.45 UJ2,(1)	<0.22 UJ2,(1)	**<0.24 UJ2,UJ9,(1)**	0.36 J2,(1)	<0.40 UJ2,(1)	1.2 J2,(1)	4.4 J2,(1)	<0.18 UJ2,(1)	<0.43 UJ2,(1)	1.6 J2,(1)	<0.27 UJ2,(1)	<0.31 UJ2,(1)	<0.31 UJ2,(1)	<0.31 UJ2,(1)
	1/15/2006	<0.39 (1)	<0.27 (1)	**7.4 (1)**	<0.40 (1)	<0.44 (1)	<0.40 (1)	<0.33 (1)	4.9 (1)	<0.44 (1)	<0.21 (1)	0.029 (1)	<0.27 (1)	<0.39 (1)	0.43 (1)	1.6 (1)	<0.17 (1)	<0.42 (1)	0.54 (1)	<0.26 (1)	<0.30 (1)	<0.30 (1)	<0.30 (1)
	12/10/2006	<1.4 (1)	<0.99 (1)	**<1.2 UJ9,(1)**	<1.5 (1)	<1.6 (1)	<1.5 (1)	<1.2 (1)	2.2 (1)	<1.6 (1)	<0.78 (1)	<0.022 (1)	<0.98 (1)	<1.4 (1)	<1.5 (1)	2.8 (1)	<0.64 (1)	<1.6 (1)	<1.5 (1)	<0.97 (1)	<1.1 (1)	<1.1 (1)	<1.1 (1)
	12/10/2006 Dup	<0.33 (1)	<0.23 (1)	**<0.28,(1)**	<0.34 (1)	<0.37 (1)	<0.34 (1)	<0.28 (1)	2.2 (1)	<0.37 (1)	<0.18 (1)	<0.020 (1)	<0.23 (1)	<0.33 (1)	0.7 (1)	3 (1)	<0.15 (1)	<0.36 (1)	1.1 (1)	<0.22 (1)	<0.25 (1)	<0.25 (1)	<0.25 (1)
	3/11/2007	<0.35 (1)	<0.24 (1)	<0.31 (1)	<0.36 (1)	<0.40 (1)	<0.36 (1)	<0.30 (1)	8.1 (1)	<0.40 (1)	<0.19 (1)	<0.0053 (1)	0.26 (1)	<0.36 (1)	0.49 (1)	2 (1)	<0.16 (1)	<0.39 (1)	0.69 (1)	<0.24 (1)	<0.27 (1)	<0.27 (1)	<0.27 (1)
	3/11/2007 Dup	<0.38 (1)	<0.26 (1)	<0.33 (1)	<0.39 (1)	<0.43 (1)	<0.39 (1)	<0.32 (1)	8.5 (1)	<0.43 (1)	<0.21 (1)	<0.0058 (1)	<0.26 (1)	<0.38 (1)	0.5 (1)	2.1 (1)	<0.17 (1)	<0.42 (1)	0.68 (1)	<0.26 (1)	<0.29 (1)	<0.29 (1)	<0.29 (1)
	6/10/2007	<0.42 (1)	<0.29 (1)	<0.36 (1)	<0.42 (1)	<0.47 (1)	<0.42 (1)	<0.35 (1)	0.94 (1)	<0.47 V,(1)	<0.23 (1)	<0.0062 (1)	<0.28 (1)	<0.42 (1)	<0.44 (1)	<0.44 (1)	<0.19 (1)	<0.45 (1)	<0.44 (1)	<0.28 (1)	<0.32 (1)	<0.32 (1)	<0.32 (1)
	9/23/2007	<0.40 (1)	<0.28 (1)	<0.34 (1)	<0.41 (1)	<0.45 (1)	<0.41 (1)	<0.45 (1)	1.8 (1)	<0.45 (1)	<0.22 (1)	<0.0060 (1)	<0.27 (1)	<0.40 (1)	<0.43 (1)	0.97 (1)	<0.18 (1)	<0.43 (1)	<0.43 (1)	<0.27 (1)	<0.31 (1)	0.55 (1)	<0.31 (1)
	1/12/2008	<0.32	<0.22	<0.28	<0.33	<0.37	<0.33	<0.28	4.7	<0.37	<0.18	<0.0049	0.23	<0.33	0.65	2.6	<0.15	<0.35	0.9	<0.22	<0.25	<0.25	<0.25
	3/22/2008	<0.43	<0.29	<0.37	<0.43	<0.48	<0.43	<0.36	2.9	<0.48	<0.23	<0.0064	<0.29	<0.43	<0.45	1.6	<0.19	<0.46	0.59	<0.29	<0.33	<0.33	<0.33
	6/14/2008	<0.25	<0.17	<0.22	<0.26	<0.28	<0.26	<0.21	1	<0.28	<0.14	<0.0038	<0.17	<0.25	0.81	1.5	<0.11	<0.27	0.43	<0.17	<0.19	<0.19	<0.19

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																										
		EPA Method 25C		EPA Method 3C					EPA Method TO-15																			
Sample Location	Sample Event Date	Methane	Total Gaseous Nonmethane Organics (TGNMO) as Methane	Hydrogen	Oxygen + Argon *	Nitrogen	Carbon Monoxide	Carbon Dioxide	Chloromethane	Vinyl Chloride	Bromomethane	Chloroethane	Acetone	Trichlorofluoro-methane	1,1-Dichloroethene	Methylene Chloride	Trichloro-trifluoroethane	Carbon Disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Methyl tert-Butyl Ether	Vinyl Acetate	2-Butanone (MEK)	cis-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	1,1,1-Trichloroethane	Benzene	Carbon Tetrachloride
		ppmv	ppmv	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	(%, v/v)	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-50	9/27/2008	1.7	4.5	--	--	--	--	--	<0.64	<0.013	<0.34	<0.5	10 M	<0.24	<0.34	<0.38	<0.17	<0.43	<0.34	<0.33	<0.37	<1.9	0.75	<0.34	<0.27	<0.33	<0.24	0.47	<0.21
	9/27/2008 Dup	2	5.1	--	--	--	--	--	<0.66	<0.013	<0.35	<0.51	10 M	<0.24	<0.34	<0.39	<0.18	<0.44	<0.34	<0.34	<0.38	<1.9	0.84	<0.34	<0.28	<0.34	<0.25	0.57	<0.22
	12/6/2008	2.1	<1.7	--	--	--	--	--	<0.71	<0.018	<0.38	<0.56	9.7 M	<0.26	<0.37	0.46	<0.19	<0.47	<0.37	<0.36	<0.41	<2.1	0.88	<0.37	<0.3	<0.36	<0.27	1	<0.23
	12/6/2008 Dup	2.2	<1.5	--	--	--	--	--	<0.64	<0.015	<0.34	<0.5	8.4 M	<0.23	<0.33	0.46	<0.17	<0.42	<0.33	<0.33	<0.36	<1.9	0.61	<0.33	<0.27	<0.33	<0.24	0.99	<0.21
	3/21/2009	1.5	1.7	--	--	--	--	--	<0.56	<0.011	<0.3	<0.44	5.4	0.22	<0.29	<0.33	<0.15	<0.37	<0.29	<0.29	<0.32	<1.6	0.53	<0.29	<0.24	<0.29	<0.21	<0.36	<0.18
	3/21/2009 Dup	1.6	1.6	--	--	--	--	--	<0.55	<0.011	<0.29	<0.43	8.7	0.29	<0.29	<0.33	<0.15	<0.37	<0.29	<0.28	<0.32	<1.6	1	<0.29	<0.23	<0.28	<0.21	<0.36	<0.18
AMB PARCEL 51	2001 1stQ	2.4	2.9	--	--	--	--	--	<1.9	**<1.6 UJ9**	<1.0	<1.5	<1.7	<0.74	<1.0	<1.2	<0.52	<1.3	<1.0	<1.0	<1.1	<1.1	<1.4	<1.0	<0.82	<0.99	<0.73	<1.3	<0.64
	2002 2ndQ	2.2	--	--	--	--	--	--	--	ND	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.95	--
	2002 4thQ	3.7	<1.3	--	--	--	--	--	<2.6	**<2.1 UJ9**	<1.4	<2.0	13	<0.94	<1.3	<1.5	<0.69	<1.7	<1.3	<1.3	6.3	<1.5	<1.8	<1.3	<1.1	<1.3	<0.97	**2**	**<0.84**
	2003 2ndQ	1.9	--	--	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
	2003 4thQ	2.2	<1.5	--	--	--	--	--	<3.0	**<2.4 UJ9**	<2.0	<2.3	<13	<1.1	<1.6	<1.8	<0.80	<2.0	<1.6	<1.5	<1.7	<1.8	<2.1	<1.6	<1.3	<1.5	<1.1	<1.9	**<0.98 UJ9**

Notes:
(1) Results compared to Indoor Air Threshold Levels (IATLs) from the CDM Federal Programs Corporation, Subsurface Gas Contingency Plan, Waste Disposal, Inc. (July 1997). See Table 2-2 for limits.
(2) Results compared to Soil Gas Performance Standards from the EPA, Amended Record of Decision, Waste Disposal, Inc. June 2002. See Table 2-2 for limits.
Results in shaded cells with bold font show concentrations that exceeded the IATLs or Soil Gas Performance Standards.
IBM-37 could not be sampled during the 1st quarter, 07-08 as the property contact indicated they would be doing resin work during the sample period. Sampling resumed in the 2nd quarter 07-08.
ppmv = Parts per million by volume
ppbv = Parts per billion by volume
(%v/v) = Percent by volume
ND = Concentration of the constituent was not detected above the laboratory's reporting limit.
AMB = Ambient air sample
Columbia Analytical Services Data Qualifiers
M = Matrix interference; results may be biased high.
J1 = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
Veridian Environmental Data Qualifiers ('U' indicates the laboratory result was below the method detection limit)
UJ2 or J2 = Estimated value. Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
UJ3 or J3 = Estimated value. Container failed leak check process.
UJ4 or J4 = Estimated value. Low recoveries (<80%) were observed for one or more volatile surrogate compounds.
J5 = Estimated value. High recoveries (>120%) were observed for one or more volatile surrogate compounds.
J6 = Estimated value. Results may be lower than reported due to matrix interference.
J7 = Estimated value. High recovery (>113%) was observed for this compound (methane) in the associated laboratory control sample analysis
UJ8 or J8 = Significant discrepancies observed between field duplicate pair sample analyses.
UJ10 or J10 = Results may be higher than reported due to high percent differences coupled with decreases in instrument sensitivity in continuing calibration standards.
U11 = The compound was analyzed for and detected by the laboratory; however, this result should be considered anomalous due to associated blank contamination.
J11 = Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
J13 = Estimated value. High relative standard deviation observed in associated initial calibration.
J15 = Results may be lower than reported due to a high recovery in associated CRQL standard with increases in instrument sensitivity in continuing calibration standards.
TRC Data Qualifiers
UJ9 = Compliance well sample analysis had non-detect result higher than the IATLs or Soil Gas Performance Standards.

TABLE 5-2

SUMMARY OF ANALYTIC DATA FOR IN-BUSINESS AND AMBIENT AIR SAMPLE LOCATIONS
1998 THROUGH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

		Analytical Methods, Constituents and Results																				
		EPA Method TO-15																				
Sample Location	Sample Event Date	1,2-Dichloropropane	Bromodichloro-methane	Trichloroethene	cis-1,3-Dichloropropene	4-Methyl-2-pentanone	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	Toluene	2-Hexanone	Dibromochloro-methane	1,2-Dibromoethane	Tetrachloroethene	Chlorobenzene	Ethylbenzene	m- & p-Xylene	Bromoform	Styrene	o-Xylene	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
IBM-50	9/27/2008	<0.29	<0.2	<0.25	<0.29	<0.32	<0.29	<0.24	1.1	<0.32	<0.16	<0.0043	<0.2	<0.29	<0.31	0.62	<0.13	<0.31	<0.31	<0.19	<0.22	<0.22	<0.22
	9/27/2008 Dup	<0.29	<0.2	<0.25	<0.3	<0.33	<0.3	<0.25	1.7	<0.33	<0.16	<0.0044	<0.2	<0.29	<0.31	0.71	<0.13	<0.32	<0.31	<0.2	<0.23	<0.23	<0.23
	12/6/2008	<0.32	<0.22	<0.27	<0.32	<0.36	<0.32	<0.27	2.5	<0.36	<0.17	<0.0059	<0.22	<0.32	0.37	1.3	<0.14	<0.35	0.48	<0.21	<0.24	<0.24	<0.24
	12/6/2008 Dup	<0.28	<0.2	<0.24	<0.29	<0.32	<0.29	<0.24	2.5	<0.32	<0.15	<0.0051	<0.19	<0.29	0.36	1.3	<0.13	<0.31	0.47	<0.19	<0.22	<0.22	<0.22
	3/21/2009	<0.25	<0.17	<0.22	<0.26	<0.28	<0.26	<0.21	0.65	<0.28	<0.14	<0.0038	<0.17	<0.25	<0.27	<0.27	<0.11	<0.27	<0.27	<0.17	<0.19	<0.19	<0.19
	3/21/2009 Dup	<0.25	<0.17	<0.21	<0.25	<0.28	<0.25	<0.21	0.61	<0.28	<0.13	<0.0037	<0.17	<0.25	<0.26	<0.26	<0.11	<0.27	<0.26	<0.17	<0.19	<0.19	<0.19
AMB PARCEL 51	2001 1stQ	<0.87	<0.60	**<0.74 UJ9**	<0.88	<0.98	<0.88	<1.5	<1.1	<0.98	<0.47	**<0.52 UJ9**	<0.59	<0.87	<0.92	<0.92	<0.39	<0.94	<0.92	<0.58	<0.67	<0.67	<0.67
	2002 2ndQ	--	--	ND	--	--	--	--	3.4	--	--	--	ND	--	0.46	2.4	--	--	--	--	--	--	--
	2002 4thQ	<1.1	<0.79	**<0.98 UJ9**	<1.2	<1.3	<1.2	<0.97	6.5	<1.3	<0.62	**<0.69 UJ9**	0.78	<1.1	<1.2	2.8	<0.51	<1.2	<1.2	<0.77	<0.88	<0.88	<0.88
	2003 2ndQ	--	--	ND	--	--	--	--	ND	--	--	--	ND	--	ND	ND	--	--	--	--	--	--	--
	2003 4thQ	<1.3	<0.92	**2.2**	<1.4	<1.5	<1.4	<1.1	2.4	<1.5	<0.72	**<0.80 UJ9**	<0.91	<1.3	<1.4	<1.4	<0.60	<1.4	<1.4	<0.90	<1.0	<1.0	<1.0

Notes:
(1) Results compared to Indoor Air Threshold Levels (IATLs) from the CDM Federal Programs Corporation, Subsurface Gas Contingency Plan, Waste Disposal, Inc. (July 1997). See Table 2-2 for limits.
(2) Results compared to Soil Gas Performance Standards from the EPA, Amended Record of Decision, Waste Disposal, Inc. June 2002. See Table 2-2 for limits.
Results in shaded cells with bold font show concentrations that exceeded the IATLs or Soil Gas Performance Standards.
IBM-37 could not be sampled during the 1st quarter, 07-08 as the property contact indicated they would be doing resin work during the sample period. Sampling resumed in the 2nd quarter 07-08.
ppmv = Parts per million by volume
ppbv = Parts per billion by volume
(%v/v) = Percent by volume
ND = Concentration of the constituent was not detected above the laboratory's reporting limit.
AMB = Ambient air sample
Columbia Analytical Services Data Qualifiers
M = Matrix interference; results may be biased high.
J1 = The analyte was positively identified below the method reporting limit; the associated numerical value is considered estimated.
Veridian Environmental Data Qualifiers ('U' indicates the laboratory result was below the method detection limit)
UJ2 or J2 = Estimated value. Samples analyzed beyond EPA Region 9 holding time of 14 days after sample collection.
UJ3 or J3 = Estimated value. Container failed leak check process.
UJ4 or J4 = Estimated value. Low recoveries (<80%) were observed for one or more volatile surrogate compounds.
J5 = Estimated value. High recoveries (>120%) were observed for one or more volatile surrogate compounds.
J6 = Estimated value. Results may be lower than reported due to matrix interference.
J7 = Estimated value. High recovery (>113%) was observed for this compound (methane) in the associated laboratory control sample analysis
UJ8 or J8 = Significant discrepancies observed between field duplicate pair sample analyses.
UJ10 or J10 = Results may be higher than reported due to high percent differences coupled with decreases in instrument sensitivity in continuing calibration standards.
U11 = The compound was analyzed for and detected by the laboratory; however, this result should be considered anomalous due to associated blank contamination.
J11 = Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
J13 = Estimated value. High relative standard deviation observed in associated initial calibration.
J15 = Results may be lower than reported due to a high recovery in associated CRQL standard with increases in instrument sensitivity in continuing calibration standards.
TRC Data Qualifiers
UJ9 = Compliance well sample analysis had non-detect result higher than the IATLs or Soil Gas Performance Standards.

TABLE 5-3

SUMMARY OF TYPICAL CHEMICALS IN-USE
IN-BUSINESS AIR MONITORING LOCATIONS
WASTE DISPOSAL, INC. SUPERFUND SITE

SAMPLE LOCATION I.D.	PARCEL NO.	UNIT NO.	TENANT	TENANT ADDRESS	TENNANT ACTIVITY	CHEMICAL PRODUCTS USED WITHIN THE BUILDING FROM EPA INVENTORY(1)	ADDITIONAL CHEMICALS IDENTIFIED OR SUSPECTED DURING IN-BUSINESS AIR MONITORING EVENTS
IBM- 03B	3	2	Precision Sheetmetal	12633 Los Nietos Road	Sheet metal shop-custom sheet metal fabrications-includes equipment to cut and bend sheet metal.	New tenant; data provided on EPA 1999 inventory was for prior tenant.	Lubricating oil and paint.
IBM-03	3	4	Stansil Brothers/Mr. Song	12635 Los Nietos Rd	Prior machine shop. All machinery removed – Tenant is remodeling interior. Future use unknown.	New tenant; data provided on EPA 1999 inventory was for prior tenant.	Building is empty except for trash and saturated oil absorbent on the floor.
IBM-21	21	1	Chillers Services	9620 Santa Fe Springs Rd	Air Conditioning/Demolition Contractor. Activities in shop area include sheet metal fabrication and welding.	Two paint cans manufactured by CalWestern Paints containing benzene were observed. Paint cans containing epoxy reducer, Pro-Line, acetone, Wing Walk Compound X1567, enamel, and wood stain were observed. Gas cylinders containing argon, oxygen, 1,1,1-2-tetrachlorofluoroethane, acetylene, and propane were observed. Aerosol cans containing brake parts cleaner, contact cleaner, adhesive, maintenance paint, WD-40, and lubricant were observed. Paint remover, brake fluid, condenser coil cleaner, anti-spatter welding nozzle dip gel, contact cement, bleach, fiberglass resin, and drums containing R-123 2,2-dichloro-1,1,1-trifluoroethane were observed.	Lubricating oil, paint, oxygen, and acetylene.
IBM-22	22	1	Gold Coast Refractory	9630 Santa Fe Springs Rd	Manufacturer of refractory/industrial heating equipment. Activities include sheet metal fabrication, welding, and painting. Onsite propane storage.	No data was obtained during performance of prior EPA inventory in 1999.	Propane, lubricating oil, paint oxygen, and acetylene.
IBM-24B	24	1	Buffalo Bullet	12637A Los Nietos Rd	Firearm bullet manufacturing – lead rod is cut and stamped to make ball-shaped ammunition.	A list of chemical products used within the building was not available from the staff present at the time of the inspections in 1999.	Propane (forklift fuel), various cleaning solvents (Safety-Kleen, kerosene and naphtha).
IBM-28	28	1	Mersits Equipment	9640 Santa Fe Springs Rd	Heavy equipment repair/maintenance and rental.	The following spray cans were observed: WD-40, yellow paint (containing acetone, propane, mineral spirits), brake fluid (alkylene glycols), Rust-Oleum, Engine Brite (no chlorinated solvents), Fleck Stone Clear Acrylic Topcoat Gel-Gloss Fibergloss.	Lubricating oil, grease, hydraulic fluid, transmission fluid, antifreeze, diesel fuel, gasoline, paint.
IBM-32	32	1	Jack Lainer	12747 Los Nietos Rd	Manufacturer of small injection molded plastic parts.	New tenant; data provided on EPA 1999 inventory was for prior tenant.	Gasoline, used oil, spray paint, lacquer thinner, MEK.
IBM-37	37	1	Richard Stannard	12803 Los Nietos Rd	Auto repair/machine shop – activities include painting, metal machining, cutting and grinding	New tenant; data provided on EPA 1999 inventory was for prior tenant.	Gasoline, lubricating oil, grease, hydraulic fluid, transmission fluid, antifreeze, paint, thinner.
IBM-41	41	9/10	H & H Contractors	12811E Los Nietos Rd/ 12811F Los Nietos Rd	Carpentry/cabinet manufacturing shop – activities include paint, varnish, and lumber storage; wood cutting, assembly, staining and painting.	No data was obtained during performance of prior EPA inventory in 1999.	Paint, wood stain, varnish, shellac, paint thinner, adhesive, gasoline cans.
IBM-50	50	1	Brothers Machine & Tool	9843 S. Greenleaf Ave.	Machine shop; activities include machining metal parts using large turret lathes to rotate pieces.	The chemicals used at the facility include hydraulic oil (Western Basin Soluble Oil) for turret lathe machines and diesel fuel for vehicles. Diesel fuel is stored in one 5-gallon gas can in the north corner of the building. There are three 5-gallon containers of oil stored in plastic buckets inside the building. MSDS was not available for review.	Water based cutting fluids and machine oils, lubricating oil, WD-40, diesel fuel and gasoline.
IBM-24 AMB	24	4	Common Area	12635 Los Nietos Rd	Drive way, tenant parking and material storage.	No data was obtained during performance of prior EPA inventory in 1999.	Lubricating oils, grease, propane, gasoline, diesel fuel.
IBM-49 AMB	49	N/A	Vacant field	9905 Greenleaf Ave	Vacant field	No data was obtained during performance of prior EPA inventory in 1999.	None

(1) Chemical inventory information reported in EPA Subsurface Gas Contingency Plan Investigation Report dated October 15, 1999.

TABLE 5-4
LEACHATE COLLECTION WELLS LC-1 THROUGH LC-4 MONITORING AND BAILING
DECEMBER 2005 THROUGH MARCH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE	LC-1	LC-2	LC-3	LC-4
3/30/2009	5.70		0.90	
3/26/2009	5.55		1.00	
3/3/2009	6.00		0.75	
2/24/2009	5.80		0.70	
2/20/2009	7.70		1.09	
2/2/2009	7.50		0.60	
1/28/2009	7.20		0.60	
1/19/2009	7.30		0.61	
1/12/2009	7.35		0.60	
1/7/2009	7.20		0.70	
12/31/2008	7.30		0.73	
12/23/2008	7.00		0.60	
12/15/2008	7.30		0.50	
12/8/2008	7.26		0.45	
12/1/2008	7.60		0.55	
11/24/2008	7.95		0.58	
11/18/2008	8.00		0.82	
11/14/2008	8.90		1.50	
10/20/2008	8.30		1.30	
10/16/2008	9.20		1.30	
9/15/2008	5.00		3.00	
9/9/2008	5.90		0.60	
9/2/2008	4.60		0.60	
8/26/2008	5.40		0.75	
8/18/2008	5.30		0.65	
8/12/2008	5.30		0.55	
8/5/2008	4.20		0.92	
7/28/2008	4.10		0.95	
7/22/2008	4.20		0.95	
7/14/2008	4.07		0.30	
7/7/2008	3.80		0.30	
7/1/2008	4.05		0.45	
6/25/2008	4.30		0.40	
6/16/2008	3.90		0.27	
6/9/2008	3.76		0.32	
6/2/2008	3.76		0.33	
5/21/2008	5.20		0.30	
5/12/2008	5.20		0.30	
4/2/2008	4.50		0.59	
11/14/2007	4.84	10.10		12.30
11/8/2007	2.60	9.60		8.85
11/5/2007	3.65	10.05	1.30	10.70
11/1/2007	3.75	10.25		9.90
10/29/2007	4.51	10.45	0.96	13.09
10/25/2007	3.39	8.97		8.63
10/22/2007	1.29	9.62	0.47	9.46
10/18/2007	3.89	8.72		8.90
10/15/2007	5.37	10.77	1.70	14.19
10/11/2007	2.53	8.20		9.56

TABLE 5-4
LEACHATE COLLECTION WELLS LC-1 THROUGH LC-4 MONITORING AND BAILING
DECEMBER 2005 THROUGH MARCH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE	LC-1	LC-2	LC-3	LC-4
10/8/2007	2.53	9.02	0.39	9.19
10/4/2007	2.97	8.85		9.02
10/1/2007	2.55	8.71	1.52	10.01
9/27/2007	3.04	8.72		9.07
9/24/2007	2.38	8.26	0.89	8.73
9/20/2007	2.91	8.79		8.51
9/17/2007	3.24	9.35	0.27	8.82
9/13/2007	2.20	8.55		8.42
9/10/2007	2.74	9.10	1.16	8.79
9/6/2007	2.55	9.15		8.05
9/4/2007	2.45	9.75	0.87	11.45
8/30/2007	3.79	8.70		8.80
8/27/2007	2.40	8.67	0.30	8.39
8/23/2007	2.29	9.00		8.15
8/20/2007	1.39	8.31	0.88	8.72
8/16/2007	4.24	9.15		8.10
8/13/2007	3.04	8.54	0.27	8.09
8/9/2007	3.24	8.60		8.90
8/6/2007	2.37	8.90	0.28	9.01
8/2/2007	2.10	8.52		8.50
7/30/2007	2.85	8.95	0.21	8.70
7/26/2007	1.04	8.40		8.92
7/23/2007	2.44	8.60	0.21	9.30
7/19/2007	2.69	8.60		9.05
7/16/2007	2.60	8.66	0.75	12.16
7/12/2007	2.29	8.25		7.95
7/9/2007	3.11	8.80	1.12	10.59
7/5/2007	3.90	9.10		12.00
7/2/2007	3.38	9.38	0.73	10.57
6/28/2007	2.06	8.39		8.44
6/25/2007	2.74	8.80	0.95	10.25
6/21/2007	3.24	9.15		11.95
6/18/2007	3.52	7.95	0.10	7.00
6/14/2007	2.44	9.90		8.80
6/11/2007	1.65	8.30	0.60	8.70
6/7/2007	2.24	8.15		7.70
6/4/2007	2.37	8.21	1.12	9.56
5/31/2007	1.71	7.92		8.77
5/29/2007	2.80	8.55	0.95	10.48
5/24/2007	2.39	6.10		6.50
5/21/2007	2.34	7.95	0.24	8.35
5/17/2007	2.19	8.40		8.09
5/14/2007	2.66	8.70	1.00	10.09
5/10/2007	2.32	8.62		8.92
5/7/2007	2.47	8.93	0.86	9.83
5/3/2007	1.57	7.94		8.32
4/30/2007	1.67	8.47	0.75	8.61
4/26/2007	2.48	8.70		9.05
4/23/2007	2.33	8.74	1.01	9.33

TABLE 5-4
LEACHATE COLLECTION WELLS LC-1 THROUGH LC-4 MONITORING AND BAILING
DECEMBER 2005 THROUGH MARCH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE	LC-1	LC-2	LC-3	LC-4
4/19/2007	1.79	8.30		8.45
4/16/2007	2.13	8.57	0.89	9.10
4/13/2007	2.35	8.38		9.33
4/9/2007	2.86	8.57	1.03	10.00
4/5/2007	2.63	8.59		8.79
4/2/2007	2.97	8.91	0.92	10.15
3/29/2007	2.31	8.66		9.09
3/26/2007	1.41	8.44	1.03	3.82
3/22/2007	1.71	8.08		8.51
3/19/2007	1.37	8.24	0.90	8.39
3/16/2007	1.87	8.41		8.76
3/12/2007	1.66	7.98	0.89	8.54
3/8/2007	2.19	8.65		8.93
3/5/2007	1.35	7.34	0.88	8.85
3/1/2007	2.43	8.48		8.75
2/26/2007	3.11	8.71	0.82	10.25
2/22/2007	2.22	8.67		8.87
2/19/2007	2.78	8.66	1.15	9.36
2/16/2007	2.46	8.95		10.13
2/12/2007	2.87	9.05	0.89	10.94
2/8/2007	2.31	8.45		9.08
2/5/2007	2.44	8.38	0.80	9.44
2/1/2007	2.57	8.66		9.31
1/29/2007	2.35	8.53	0.76	9.14
1/25/2007	2.67	8.71		9.49
1/22/2007	2.97	8.63	1.09	4.73
1/18/2007	2.59	8.99		9.06
1/15/2007	1.44	8.63	0.95	4.73
1/11/2007	1.51	8.46		9.24
1/8/2007	2.80	8.92	0.68	9.95
1/4/2007	1.92	8.98		7.31
1/2/2007	3.50	9.57	1.37	11.50
12/28/2006	1.97	9.63		7.02
12/26/2006	1.35	7.33	0.98	10.47
12/21/2006	1.71	7.64		10.13
12/18/2006	2.52	8.33	0.93	11.98
12/14/2006	3.78	7.02		10.86
12/11/2006	6.29	9.91	0.95	14.42
12/7/2006	2.72	7.70		9.21
12/4/2006	3.35	8.23	0.93	9.49
11/30/2006	2.96	7.94		9.33
11/27/2006	3.56	8.41	0.88	10.00
11/22/2006	3.79	8.70		10.22
11/20/2006	5.03	9.24	0.84	12.90
11/16/2006	4.08	9.21		10.43
11/13/2006	3.36	8.90	0.84	9.97
11/9/2006	2.74	9.07		8.50
11/6/2006	3.68	9.05	1.15	10.22
11/2/2006	3.12	8.87		9.28

TABLE 5-4
LEACHATE COLLECTION WELLS LC-1 THROUGH LC-4 MONITORING AND BAILING
DECEMBER 2005 THROUGH MARCH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE	LC-1	LC-2	LC-3	LC-4
10/30/2006	3.09	9.05	0.93	7.15
10/26/2006	1.64	9.10		7.30
10/23/2006	1.88	9.15	0.91	7.00
10/19/2006	2.49	9.31		7.10
10/16/2006	6.12	10.08	0.92	14.14
10/12/2006	2.36	7.99		9.37
10/9/2006	3.64	8.87	0.89	10.68
10/5/2006	2.40	8.77		8.63
10/2/2006	4.47	8.72	0.88	9.89
9/28/2006	2.38	8.55		8.74
9/25/2006	2.54	8.61	1.06	8.94
9/21/2006	2.86	8.77		9.08
9/18/2006	3.54	8.96	0.98	10.00
9/14/2006	2.78	8.70		8.50
9/11/2006	3.39	8.83	0.92	10.22
9/7/2006	2.70	8.65		7.73
9/5/2006	4.28	9.12	0.84	11.52
8/31/2006	1.61	7.75		7.43
8/28/2006	2.07	8.00	0.71	7.70
8/24/2006	2.34	8.39		8.45
8/21/2006	3.81	8.64	1.08	10.27
8/17/2006	2.42	8.10		8.65
8/14/2006	2.91	8.33	0.94	9.63
8/10/2006	2.18	7.05		8.79
8/7/2006	3.36	8.33	0.87	10.13
8/3/2006	2.95	8.13		8.37
7/31/2006	4.45	8.39	1.04	9.73
7/27/2006		8.16		8.65
7/24/2006	4.51	8.38	0.56	9.45
7/20/2006		8.10		8.45
7/17/2006	4.54	8.19	0.63	10.01
7/13/2006		8.06		8.28
7/10/2006	4.74	8.28	1.04	10.02
7/6/2006		7.29		8.10
7/3/2006	4.13	7.44	0.50	8.28
6/29/2006		7.27		8.05
6/26/2006	4.29	7.70	0.68	8.55
6/22/2006		8.00		8.68
6/19/2006	6.32	8.17	0.85	10.19
6/15/2006		7.74		8.69
6/12/2006	4.08	8.18	0.75	10.69
6/8/2006		8.11		8.14
6/5/2006	3.82	8.23	0.67	8.77
6/2/2006		8.25		8.48
5/30/2006	4.67	8.66	0.56	11.37
5/25/2006		8.31		8.70
5/22/2006	4.25	8.62	0.45	9.56
5/18/2006		8.63		9.35
5/15/2006	4.20	8.75	0.43	10.00

TABLE 5-4
LEACHATE COLLECTION WELLS LC-1 THROUGH LC-4 MONITORING AND BAILING
DECEMBER 2005 THROUGH MARCH 2009
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE	LC-1	LC-2	LC-3	LC-4
5/11/2006		8.67		9.33
5/8/2006	2.62	9.18	0.20	13.17
5/4/2006	3.25		0.39	
5/1/2006	8.47	8.80	0.75	14.01
4/19/2006		8.80		6.70
4/17/2006		7.95		8.32
4/14/2006		8.25		6.94
4/12/2006	8.09	8.03	0.52	7.43
4/10/2006		8.74		8.82
4/7/2006	12.05	9.12	0.45	10.31
4/3/2006	1.60			10.04
3/31/2006	4.03	8.72	0.36	10.60
3/27/2006		8.75		10.04
3/23/2006	1.57	8.10	0.37	7.30
3/21/2006	2.50	9.10	0.12	10.70
3/14/2006	2.25	9.35	0.40	10.51
3/10/2006	1.70	9.76	0.28	8.20
3/8/2006	3.89	10.26	0.22	12.90
3/2/2006	8.60	10.28	0.30	12.20
2/23/2006	1.64	10.15	0.33	8.38
2/21/2006	4.80	10.62	0.60	12.54
2/17/2006	10.43	11.78	0.83	17.40
1/13/2006	2.36	10.71	0.73	10.54
1/10/2006	4.10	11.14	0.69	12.25
1/6/2006	2.04	10.84	1.14	7.97
1/4/2006	6.40	11.72	1.23	15.68
12/28/2005	10.13	12.28	1.40	15.38
12/21/2005	15.37	13.28	2.02	18.35

TABLE 5-5

LIMIT EXCEEDANCES AND SIGNIFICANT TRENDS
FY2008-2009
WASTE DISPOSAL INC. SUPERFUND SITE

VW Well No.	Monitoring Quarter	Constituent	CUSUM Limit Exceedance	Significant Trends	Comment
46-15	1st	m,p-xylene		X	Decreasing trend since December 2005.
58-19	1st	methane	X		Concentration is 1.6 ppmv.
58-29	1st	methane	X		Concentration is 2.3 ppmv.
61-08	1st	methane	X		Concentration is 6.08 ppmv.
		ethylbenzene	X		Below limit in prior quarters in FY 06-07 and 07-08.
61-19	1st	toluene	X		Below limit in prior quarters in FY 06-07 and 07-08.
61-30	1st	methane	X		Below limit in prior quarters in FY 06-07 and 07-08.
		m,p-xylene	X		Below limit in prior quarters in FY 06-07 and 07-08.
62-08	1st	m,p-xylene	X		Below limit in prior quarters in FY 06-07 and 07-08.
62-18	1st	benzene	X		Concentration at or below 16 ppbv during last 5 events.
62-29	1st	toluene		X	Below limit during last two monitoring events.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-01(BACKGROUND WELL)

Constituents	Units	Groundwater Standard [1]	1/27/1999	4/6/1999	7/26/1999	10/18/1999	1/31/2000	4/18/2000	8/16/2000	11/13/2000	2/14/2001	5/23/2001	8/14/2001	11/5/2001	8/5/2002	11/12/2002	11/20/2002	3/17/2003	6/11/2003	9/16/2003	12/23/2003	12/12/2006	6/27/2007	12/20/2007	4/2/2009
Arsenic	mg/l	0.01					0.0083	0.0089	<0.005[2]	**0.019**[3]		<0.005		<0.005			<0.005		<0.005		<0.005	<0.01	<0.01	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2
Carbon tetrachloride	ug/l	5		<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	ug/l	(4)	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2
Lead	mg/l	0.015					<0.005	<0.005	<0.005	0.0062		<0.005		<0.005			<0.005		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	mg/l	0.05					<0.02	<0.02	<0.02	<0.02		<0.02		<0.02			<0.02		<0.02		<0.02	<0.02	<0.02	<0.02	<0.02
Mercury	mg/l	0.002					<0.0002	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002			<0.0002		<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	3.2	<2	2.8	2.1	2.5	<2	<2	<2	<2	<2	<2	<2	2.4	<2		<2	<2	<2	<2	<2	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		2.3	<2	<2	<2	<2	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-02 (BACKGROUND WELL)

Constituents	Units	Groundwater Standard [1]	1/27/1999	4/6/1999	7/26/1999	10/20/1999	1/31/2000	4/18/2000	8/16/2000	11/13/2000	2/14/2001	5/21/2001	8/14/2001	11/5/2001	8/5/2002	11/12/2002	11/20/2002	3/17/2003	6/11/2003	9/16/2003	12/23/2003	12/12/2006	6/28/2007	12/19/2007	4/2/2009
Arsenic	mg/l	0.01					<0.005[2]	0.0091	<0.005	**0.036**[3]		<0.005		<0.005			<0.005		<0.005		<0.005	<0.01	<0.01	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon tetrachloride	ug/l	5		<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	ug/l	(4)	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2
Lead	mg/l	0.015					<0.005	<0.005	<0.005	0.0079		<0.005		<0.005			<0.005		<0.005		<0.005	<0.005	0.0055	<0.005	<0.005
Manganese	mg/l	0.05					<0.02	<0.02	<0.02	<0.02		<0.02		<0.02			<0.02		<0.02		<0.02	<0.02	<0.02	<0.02	<0.02
Mercury	mg/l	0.002					<0.0002	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002			<0.0002		<0.0002		<0.0002	<0.0002	0.00057	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-10 (NEAR-SOURCE DETECTION WELL)

Constituents	Units	Groundwater Standard [1]	1/27/1999	4/7/1999	7/27/1999	10/18/1999	1/31/2000	4/18/2000	8/17/2000	11/14/2000	2/15/2001	3/17/2003	12/12/2006	6/27/2007	12/20/2007	4/2/2009
Arsenic	mg/l	0.01					0.0056	**0.017[3]**	<0.005[2]	**0.012**	0.0062	<0.005	<0.01	<0.010	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon tetrachloride	ug/l	5		<5	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	ug/l	(4)	<5	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lead	mg/l	0.015					<0.005	**0.025**	<0.005	**0.039**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	mg/l	0.05					**3.1**	**3.1**	**2.4**	**2.8**	**3**	**2.6**	**0.26**	**0.058**	**0.03**	**0.24**
Mercury	mg/l	0.002			<2		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00026	0.00025
Tetrachloroethene	ug/l	5	<2	<2	<2	<2	2.3	<2	<2	<2	<2	<2	<2	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-11 (BACKGROUND WELL)

Constituents	Units	Groundwater Standard [1]	4/7/1999	10/18/1999	4/18/2000	11/14/2000	2/14/2001	5/23/2001	8/16/2001	11/5/2001	8/5/2002	11/13/2002	3/17/2003	6/12/2003	9/17/2003	12/24/2003	12/12/2006	6/27/2007	12/20/2007	4/2/2009
Arsenic	mg/l	0.01			0.0068	**0.04[3]**		<0.005[2]		<0.005		<0.005		<0.005		<0.005	<0.01	<0.01	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	ug/l	(4)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lead	mg/l	0.015			<0.005	<0.005		<0.005		<0.005		<0.005		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	mg/l	0.05			<0.02	<0.02		<0.02		<0.02		<0.02		<0.02		**2.5**	**0.13**	<0.02	<0.02	**0.23**
Mercury	mg/l	0.002			<0.0002	<0.0002		<0.0002		<0.0002		<0.0002		<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	**88**	**120**	**110**	**100**	**110**	**97**	**120**	**120**	**89**	**71**	**73**	**55**	**67**	<2	**17**	<2	<2	**13**
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4
Trichloroethene	ug/l	5	**11**	**14**	**17**	**17**	**16**	**17**	**19**	**19**	**20**	**14**	**16**	**11**	**14**	<2	4.2	<2	<2	4.1
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-22 (POINT OF COMPLIANCE WELL)

Constituents	Units	Groundwater Standard [1]	1/27/1999	4/7/1999	7/27/1999	10/19/1999	1/31/2000	4/19/2000	8/17/2000	11/14/2000	2/15/2001	5/21/2001	8/15/2001	8/5/2002	11/12/2002	11/20/2002	3/17/2003	6/11/2003	9/17/2003	12/23/2003	12/12/2006	6/28/2007	8/18/2007 (5)	12/20/2007	4/2/2009
Arsenic	mg/l	0.01					0.006	**0.018**[3]	<0.005[2]	0.005		<0.005				<0.005		<0.005		<0.005	<0.01	<0.01		<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	**160**	<2	<2	<2
Carbon tetrachloride	ug/l	5		<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	ug/l	(4)	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2
Lead	mg/l	0.015					<0.005	<0.005	<0.005	<0.005		<0.005				<0.005		<0.005		<0.005	<0.005	0.0056		<0.005	<0.005
Manganese	mg/l	0.05					<0.02	<0.02	<0.02	<0.02		<0.02				<0.02		<0.02		<0.02	**0.050**	<0.02		<0.02	<0.02
Mercury	mg/l	0.002					**0.0033**	0.0018	0.0015	0.0013		0.00082				0.00051		0.00024		0.00067	<0.0002	0.00043		0.00056	0.00028
Tetrachloroethene	ug/l	5	4.2	3.6	2.9	<2	<2	3.2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	**1100**	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	800	<4	<2	<4
Trichloroethene	ug/l	5	2.2	<2	<2	<2	2	3.5	2.3	3	3.6	3.5	<2	2.4	<2		<2	<2	<2	<2	<2	<2	2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.
(5) Confirmation sample for sample of 6/28/07

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-23 (POINT OF COMPLIANCE WELL)

Constituents	Units	Groundwater Standard [1]	4/8/1999	10/19/1999	4/19/2000	11/14/2000	5/22/2001	11/17/2001	11/18/2001	11/12/2002	11/20/2002	6/12/2003	12/24/2003	12/13/2006	6/28/2007	8/18/2007 (5)	12/19/2007	4/2/2009
Arsenic	mg/l	0.01			**0.017[3]**	**0.024**	<0.005[2]	<0.005			<0.005	<0.005	<0.005	<0.0044	<0.01		<0.01	Dry
Benzene	ug/l	5	<2	<2	<2	<2	<2		<2	<2		<2	<2	<0.28	**55**	<2	<2	Dry
Carbon tetrachloride	ug/l	5	<5	<5	<5	<5	<5		<5	<5		<5	<5	<0.28	<5	<5	<5	Dry
Chloroform	ug/l	(4)	<2	<2	<2	<2	<2		<2	<2		<2	<2	<0.33	<2	<2	<2	Dry
Lead	mg/l	0.015	<2		<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.003	0.0056		<0.005	Dry
Manganese	mg/l	0.05			**0.37**	**1.2**	**1.5**	**1.5**			**0.77**	**0.96**	**0.64**	**0.36**	<0.02		<0.02	Dry
Mercury	mg/l	0.002			<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002	<0.00015	<0.0002		<0.0002	Dry
Tetrachloroethene	ug/l	5		<2	<2	<2	<2		<2	<2		<2	<2	<0.32	<2	<2	<2	Dry
Toluene	ug/l	1000	<2	<2	<2	<2	<2		<2	<2		<2	<2	<0.36	150	<2	<2	Dry
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2		<2	<2		<2	<2	<0.36	141	<4	<2	Dry
Trichloroethene	ug/l	5	<2	<2	<2	<2	<2		<2	<2		<2	<2	<0.26	<2	<2	<2	Dry
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5		<5	<5		<5	<5	<0.3	<5	<5	<5	Dry

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.
(5) Confirmation sample for sample of 6/28/07

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-26 (POINT OF COMPLIANCE WELL)

Constituents	Units	Groundwater Standard [1]	4/8/1999	10/19/1999	4/19/2000	11/15/2000	5/22/2001	11/13/2002	6/12/2003	12/24/2003	12/13/2006	6/27/2007	12/19/2007	4/1/2009
Arsenic	mg/l	0.01			**0.014[3]**	<0.005[2]	<0.005	<0.005	<0.005	<0.005	<0.0044	<0.01	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<0.28	<2	<2	<2
Carbon tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<0.28	<5	<5	<5
Chloroform	ug/l	(4)	<2	<2	<2	<2	<2	<2	<2	<2	<0.33	<2	<2	<2
Lead	mg/l	0.015			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.003	<0.005	<0.005	<0.005
Manganese	mg/l	0.05			**0.054**	**0.24**	**0.23**	**0.54**	**0.58**	**0.45**	0.032	<0.02	<0.02	<0.02
Mercury	mg/l	0.002			0.00055	0.00022	<0.0002	<0.0002	<0.0002	<0.0002	<0.00015	0.00036	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<0.32	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<0.36	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	2.2	<2	<2	<2	<0.60	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<0.26	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<0.3	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-27 (VERIFICATION WELL)

Constituents	Units	Groundwater Standard [1]	4/7/1999	10/19/1999	4/18/2000	11/14/2000	11/16/2000	5/22/2001	11/20/2002	6/12/2003	12/24/2003	12/13/2006	6/27/2007	12/19/2007	4/1/2009
Arsenic	mg/l	0.01			0.0083	<0.005[2]		<0.005	<0.005	<0.005	<0.005	<0.0044	<0.01	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2		<2	<2		<2	<2	<0.28	<2	<2	<2
Carbon tetrachloride	ug/l	5	<5	<5	<5		<5	<5		<5	<5	<0.28	<5	<5	<5
Chloroform	ug/l	(4)	<2	<2	<2		<2	<2		<2	<2	<0.33	<2	<2	<2
Lead	mg/l	0.015			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.003	<0.005	<0.005	<0.005
Manganese	mg/l	0.05			**0.64**[3]	**0.69**		**1.6**	**1**	**1.1**	**1.6**	**0.079**	<0.02	<0.02	<0.02
Mercury	mg/l	0.002			<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.00015	<0.0002	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	<2	<2	<2		<2	<2		<2	<2	<0.32	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2		<2	<2		<2	<2	<0.36	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2		<2	<2		<2	<2	<0.60	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<2		<2	<2		<2	<2	<0.26	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5		<5	<5		<5	<5	<0.3	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-29 (VERIFICATION WELL)

Constituents	Units	Groundwater Standard [1]	4/8/1999	10/20/1999	4/21/2000	11/15/2000	2/19/2001	5/21/2001	8/15/2001	8/6/2002	11/14/2002	3/19/2003	6/13/2003	9/18/2003	12/22/2003	12/13/2006	6/28/2007	12/19/2007	4/1/2009
Arsenic	mg/l	0.01			0.0059	<0.005[2]		<0.005			<0.005		<0.005		<0.005	<0.0044	<0.010	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.28	<2	<2	<2
Carbon tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.28	<5	<5	<5
Chloroform	ug/l	(4)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.33	<2	<2	<2
Lead	mg/l	0.015			<0.005	<0.005		<0.005			<0.005		<0.005		<0.005	<0.003	0.0058	<0.005	<0.005
Manganese	mg/l	0.05			<0.02	<0.02		<0.02			<0.02		<0.02		<0.02	**0.058[3]**	<0.02	<0.02	<0.02
Mercury	mg/l	0.002			<0.0002	<0.0002		<0.0002			<0.0002		<0.0002		<0.0002	<0.00015	<0.0002	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.32	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.36	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.60	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.26	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<0.3	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-30 (VERIFICATION WELL)

Constituents	Units	Groundwater Standard [1]	4/7/1999	10/21/1999	4/21/2000	11/14/2000	11/16/2000	2/19/2001	5/21/2001	8/16/2001	11/7/2001	11/18/2001	8/6/2002	11/14/2002	3/20/2003	6/13/2003	9/18/2003	12/23/2003	12/11/2006	6/28/2007	12/19/2007	4/1/2009
Arsenic	mg/l	0.01			0.0054	<0.005[2]			<0.005		<0.005			<0.005		<0.005		<0.005		<0.010	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2		<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon tetrachloride	ug/l	5	<5	<5	<5		<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	ug/l	(4)	<2	<2	<2		<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lead	mg/l	0.015			<0.005	<0.005			<0.005		<0.005			<0.005		<0.005		<0.005		<0.005	<0.005	<0.005
Manganese	mg/l	0.05			<0.02	<0.02			<0.02		<0.02			0.022		<0.02		0.043		**0.096[3]**	**0.11**	<0.02
Mercury	mg/l	0.002			<0.0002	<0.0002			<0.0002		<0.0002			<0.0002		<0.0002		<0.0002		<0.0002	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	<2	<2	<2		<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2		<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2		<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<2		<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5		<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-32 (BACKGROUND WELL)

Constituents	Units	Groundwater Standard [1]	2/14/2001	5/23/2001	8/14/2001	11/5/2001	8/5/2002	11/12/2002	11/20/2002	3/20/2003	6/11/2003	9/17/2003	12/23/2003	12/13/2006	6/28/2007	12/19/2007	4/1/2009
Arsenic	mg/l	0.01		<0.005[2]		0.0068			<0.005		<0.005		<0.005	<0.0044	<0.01	<0.01	<0.01
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<0.28	<2	<2	<2
Carbon tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<0.28	<5	<5	<5
Chloroform	ug/l	(4)	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<0.33	<2	<2	<2
Lead	mg/l	0.015		<0.005		<0.005			<0.005		<0.005		<0.005	<0.003	0.0052	<0.005	<0.005
Manganese	mg/l	0.05		**0.97[3]**		**1.2**			**0.54**		**0.17**		**0.38**	**0.094**	<0.02	**0.36**	**0.093**
Mercury	mg/l	0.002		<0.0002		<0.0002			<0.0002		<0.0002		<0.0002	<0.00015	<0.0002	<0.0002	<0.0002
Tetrachloroethene	ug/l	5	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<0.32	<2	<2	<2
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<0.36	<2	<2	<2
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<0.60	<2	<2	<4
Trichloroethene	ug/l	5	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<0.26	<2	<2	<2
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<0.3	<5	<5	<5

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-6
SUMMARY OF DATA FOR GROUNDWATER MONITORING WELLS
1999 THROUGH 2nd QUARTER 2009
WASTE DISPOSAL, INC. SUPERFUND SITE
GW-33 (NEAR-SOURCE DETECTION WELL)

Constituents	Units	Groundwater Standard [1]	2/14/2001	5/23/2001	8/15/2001	8/6/2002	11/13/2002	3/18/2003	6/12/2003	9/16/2003	12/23/2003	12/11/2006	6/28/2007	12/19/2007	4/1/2009
Arsenic	mg/l	0.01		<0.005[2]			<0.005		<0.005				<0.01	<0.01	Dry
Benzene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	Dry
Carbon tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	Dry
Chloroform	ug/l	(4)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	Dry
Lead	mg/l	0.015		<0.005			<0.005		<0.005				<0.005	<0.005	Dry
Manganese	mg/l	0.05		**0.18[3]**			**0.16**		**0.2**				**3.7**	**1.8**	Dry
Mercury	mg/l	0.002		<0.0002			<0.0002		<0.0002				<0.0002	0.00057	Dry
Tetrachloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	Dry
Toluene	ug/l	1000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	Dry
Total Xylene	ug/l	10000	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	Dry
Trichloroethene	ug/l	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	Dry
Vinyl chloride	ug/l	2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	Dry

(1) Per the OMMP, August 2006
(2) Values shown with a < indicate concentrations less than the indicated detection limit.
(3) Highlighted/shaded values equal or exceed the groundwater standard.
(4) There is no MCL for chloroform.

TABLE 5-7

DEPTH TO GROUND WATER MEASUREMENTS
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL NUMBER	DATE MEASURED	WELL SCREEN (ft bgs)	TOP OF WELL CASING ELEVATION (ft above msl)	WELL TOTAL DEPTH (ft below TOC)	DEPTH TO WATER (ft below TOC)	GROUND WATER ELEVATION (ft above msl)
GW-01	12/12/2006	38-58	153.5	57.98	41.97	111.53
	6/26/2007	38-58	153.5	57.98	41.55	111.95
	12/18/2007	38-58	153.5	58.00	44.60	108.90
	4/1/2009	38-58	153.5	58.03	50.43	103.07
GW-02	6/21/2005	33 - 53	149.3	53.05	--	--
	9/7/2005	33 - 53	149.3	53.05	--	--
	12/12/2006	33 - 53	149.3	53.05	37.07	112.23
	6/26/2007	33 - 53	149.3	53.05	37.15	112.15
	12/18/2007	33 - 53	149.3	53.00	39.80	109.50
	4/1/2009	33 - 53	149.3	53.10	45.36	103.94
GW-09	Not Monitored	38 - 58	153.5	--	--	--
GW-10	12/12/2006	38 - 58	154.7	58.11	44.53	110.17
	6/26/2007	38 - 58	154.7	58.11	44.20	110.50
	12/18/2007	38 - 58	154.7	58.00	46.90	107.80
	4/1/2009	38 - 58	154.7	58.19	52.42	102.28
GW-11	12/12/2006	118 - 128	154.7	128.12	44.90	109.80
	6/26/2007	118 - 128	154.7	128.12	44.60	110.10
	12/18/2007	118 - 128	154.7	128.00	47.45	107.25
	4/1/2009	118 - 128	154.7	128.06	52.94	101.76
GW-13	Not Monitored	39 - 59	157.5	--	--	--
GW-14	Not Monitored	38 - 58	157.8	--	--	--
GW-21	Not Monitored	36 - 56	155.2	--	--	--

TABLE 5-7

DEPTH TO GROUND WATER MEASUREMENTS
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL NUMBER	DATE MEASURED	WELL SCREEN (ft bgs)	TOP OF WELL CASING ELEVATION (ft above msl)	WELL TOTAL DEPTH (ft below TOC)	DEPTH TO WATER (ft below TOC)	GROUND WATER ELEVATION (ft above msl)
GW-22	12/12/2006	58 - 78	156.7	78.07	60.25	96.45
	6/26/2007	58 - 78	156.7	78.07	59.75	96.95
	12/18/2007	58 - 78	156.7	78.00	62.30	94.40
	4/1/2009	58 - 78	156.7	78.14	69.51	87.19
GW-23	12/13/2006	43 - 63	157.0	63.40	56.48	100.52
	6/2/2007	43 - 63	157.0	63.40	56.20	100.80
	12/18/2007	43 - 63	157.0	63.17	48.20	108.80
	4/1/2009	43 - 63	157.0	63.34	Dry Well	Dry Well
GW-24	Not Monitored	103 - 113	156.7	--	--	--
GW-26	12/13/2006	44 - 64	156.0	62.98	46.41	109.59
	6/26/2007	44 - 64	156.0	62.98	46.15	109.85
	12/18/2007	44 - 64	156.0	62.98	48.20	107.80
	4/1/2009	44 - 64	156.0	63.00	53.49	102.51
GW-27	12/13/2006	43 - 63	157.0	63.00	47.38	109.62
	6/26/2007	43 - 63	157.0	63.00	47.15	109.85
	12/18/2007	43 - 63	157.0	63.00	49.25	107.75
	4/1/2009	43 - 63	157.0	63.10	54.28	102.72
GW-28	Not Monitored	44 - 64	157.3	--	--	--
GW-29	12/13/2006	44 - 64	157.4	63.60	48.10	109.30
	6/26/2007	44 - 64	157.4	63.60	47.85	109.55
	12/18/2007	44 - 64	157.4	63.30	49.25	108.15
	4/1/2009	44 - 64	157.4	63.66	54.94	102.46

TABLE 5-7

DEPTH TO GROUND WATER MEASUREMENTS
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL NUMBER	DATE MEASURED	WELL SCREEN (ft bgs)	TOP OF WELL CASING ELEVATION (ft above msl)	WELL TOTAL DEPTH (ft below TOC)	DEPTH TO WATER (ft below TOC)	GROUND WATER ELEVATION (ft above msl)
GW-30	12/11/2006	74 - 94	156.8	93.35	48.05	108.75
	6/26/2007	74 - 94	156.8	93.35	47.87	108.93
	12/18/2007	74 - 94	156.8	93.39	50.20	106.60
	4/1/2009	74 - 94	156.8	93.36	55.33	101.47
GW-32	12/13/2006	115 - 125	153.6	125.20	43.18	110.42
	6/26/2007	115 - 125	153.6	125.20	43.00	110.60
	12/18/2007	115 - 125	153.6	125.02	46.00	107.60
	4/1/2009	115 - 125	153.6	125.30	51.39	102.21
GW-33	12/11/2006	35 -60	163.7	59.45	53.48	110.22
	6/26/2007	35 -60	163.7	59.45	53.20	110.50
	12/18/2007	35 -60	163.7	59.41	55.45	108.25
	4/1/2009	35 -60	163.7	59.44	Dry Well	Dry Well

ft bgs = feet below ground surface

msl = mean sea level

TOC = Top of casing

'--' = no data collected

TABLE 8-1
RECOMMENDATIONS REGARDING OM&M ACTIVITIES
WASTE DISPOSAL, INC. SUPERFUND SITE

OM&M Activity	Current Frequency/Operations	Recommended Frequency/Operations	Rationale for Recommendation
In-Business Air Monitoring	**Quarterly**	**Semi-annual Frequency and Reduced Constituents (Benzene, TCE, PCE, and Toluene)**	Figure 4-1 - Decision Matrix for In-Business and Ambient Air Monitoring requires results to be < IATLs. Sections 5.1.2 & 8.1.2 discuss that there have been no Site related IATL exceedances. IATL exceedances have been due to use of solvents associated with tenant/owner activities and background air quality. The constituents that have been detected above IATLs have been limited to benzene, TCE, PCE and toluene. Table 8-2 provides further details regarding monitoring results since remedy completion.
Liquid Control in LC Wells	**Continuous in LC-2 & -4 and Weekly in LC-1 & -3**	**Re-evaluate the need for continued liquids recovery.**	Low rate of liquids recovery indicates the liquids do not migrate readily. The liquids are not a saturated pool within the reservoir but rather occur in pockets given the low rate of recovery and the variable static liquid levels within the LC wells. Sections 5.2 & 8.2 discuss that the rates of recovery are substantially less than those achieved during conduct of TM No. 13. TM No. 13 concluded that large scale extraction of liquids is not practical due to low sustainable pumping rates. The risk to groundwater is very low as indicated by no groundwater impacts since operation of the facility began in 1924.
Vapor Monitoring Wells	**Semi-annual**	**Annual & Reduce Constituents (Benzene,Chloroform and TCE)**	Figure 4-2 - Decision Matrix Criteria for Soil Gas Monitoring Data requires monitoring results below the SGPS at Compliance Wells. The monitoring results are below the SGPS, as discussed in Sections 5.3 & 8.3, indicating that gas migration from the waste is not occurring. The only constituents that have been detected above the SGPS in compliance wells since remedy completion include benzene, chloroform, and TCE. Table 8-3 provides further details regarding monitoring results since remedy completion.
Biovent Wells	**Wells allow air flow into subsurface thru a one-way baroball valve**	**Maintain Bovent Well operation pending evaluation of vuture vapor monitoring well data.**	Although the Soil Gas Monitoring System indicates subsurface conditions have transitioned from anaerobic to aerobic degradation after remedy implementation, the soil gas results do not indicate that soil gas migration is occurring or is significant. Therefore, unless migration of contaminants in confirmed in future monitoring data, it is recommended that the baroball Biovent Well valves remain open.
Groundwater Monitoring	**Annual**	**Bi-Annual**	Figure 4-3 - Decision Matrix Criteria for Groundwater Monitoring allows reductions in monitoring frequency if significant changes to groundwater quality are not occurring and there are no upward trends in concentrations. Since 1999, groundwater has never been shown to be impacted by Site constituents and there are no significant changes to groundwater quality or upward trends in concentrations. Sections 5.4 and 8.5 discuss monitoring results. Table 8-4 provides further details regarding monitoring results since remedy completion.
Surface Emissions/ Ambient Air	**Quarterly**	**Semi-annual**	Ambient air monitoring is conducted to assist in the interpretation of in-business air monitoring results. The frequency of ambient air monitoring should be the same as for in-business air.

Table 8-2

Summary of In-Business Monitoring Results and Recommended Monitoring Changes

Sample Location	Constituent(s) Detected At or Above IATL Limit Over Last 4 Quarters (1)	Concentration Range (2) (ppbv)	Regulatory Level (ppbv)	Recommended Monitoring Changes		Comment
				Frequency	Constituents	
IBM-03	**NONE**			Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	
IBM-03B	**NONE**			Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	
IBM-21	Benzene	2 to 13	2	Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	**Concentrations not significantly above IATL.** Materials containing benzene have historically been used at Chillers Services. An approach will be proposed to confirm in-business chemicals for IATL exceedances, e.g. review of fire department records. Ambient air may contribute to exceedances.
IBM-22	Benzene	1.4 to 2.8	2	Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	**Concentrations not sigificantly above IATL.** Materials containing benzene have historically been used at Gold Coast Refractory. An approach will be proposed to confirm in-business chemicals for IATL exceedances, e.g. review of fire department records. Ambient air may contribute to exceedances.
IBM-24B	**NONE**			Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	
IBM-28	**NONE**			Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	
IBM-32	**NONE**			Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	
IBM-37	Benzene	ND to 2.9	2	Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	**Last 3 out of 4 events were below IATL. Concentrations above IATL are not significantly greater than IATL.** An approach will be proposed to confirm in-business chemicals for IATL exceedances, e.g. review of fire department records. Ambient air may contribute to exceedances.
	Tetrachloroethene	ND to 11	10.6	Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	**Last 3 out of 4 events were below IATL.** Materials containing tetrachloroethene have historically been used at this parcel. An approach will be proposed to confirm in-business chemicals for IATL exceedances, e.g. review of fire department records.
IBM-41	Benzene	ND to 2.5	2	Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	**Last 3 out of 4 events were below IATL. Concentrations above IATL are not significantly greater than IATL.** An approach will be proposed to confirm in-business chemicals for IATL exceedances, e.g. review of fire department records. Ambient air may contribute to exceedances.
	Toluene	18 to 240	212.0	Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	**Last 3 out of 4 events were below IATL. Concentrations above IATL are not significantly greater than IATL.** An approach will be proposed to confirm in-business chemicals for IATL exceedances, e.g. review of fire department records.
	Trichloroethene	ND to 0.71	0.56	Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	**Last 3 out of 4 events were below IATL. Concentrations above IATL are not significantly greater than IATL.** Materials containing trichloroethene have historically been used at H & H Contractors. An approach will be proposed to confirm in-business chemicals for IATL exceedances, e.g. review of fire department records.
IBM-50	**NONE**			Reduce Frequency to **SEMI-ANNUAL**	Reduce Constituents List	

ND - Not Detected at or above the Detection Limit
IATL - In-door Air Threshhold Level
NOTES:
(1) In accordance with Figure 4-1, Decision Matrix for In-Business and Ambient Air Monitoring.
(2) Concentration determined by reducing measured value by background concentration.

Table 8-3

Summary of Compliance VW Well Monitoring Results and Recommended Monitoring Changes

Sample Location	Constituents Detected At or Above SGPS Over Last 6 Monitoring Events (1)	Concentration (ppbv)	Regulatory Level (ppbv)	Recommended Monitoring Changes		Comment
				Frequency	Constituents	
VW-29-10	Benzene	1.3 to 64	10	Reduce Frequency to **Annual**	Reduce Constituents List	Annual frequency supported by **lack of In-Business impacts** indicating **soil gas migration is not problematic** to In-Business air quality. Typically, benzene is the only constituent above the SGPS in most wells. Also, exceedances are either sporadic or consistent with no trends are not indicative of increased migration.
VW-29-23	Benzene	ND to 30	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-29-35	Benzene	ND to 37	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-30-07	**NONE**			Reduce Frequency to **Annual**	Reduce Constituents List	
VW-30-23	Benzene	ND to 20	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10. **Only 1 exceedance out of 6.**
VW-30-35	**NONE**			Reduce Frequency to **Annual**	Reduce Constituents List	
VW-31-10	Benzene	0.53 to 14	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-31-30	Benzene	0.48 to 52	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10. **Only 1 exceedance out of 6.**
VW-34-10	Benzene	2.7 to 33	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-34-23	Benzene	1.6 to 35	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-34-40	Benzene	3.2 to 55	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-35-10	Benzene	0.62 to 130	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-35-38	Benzene	ND to 33	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
	Chloroform	ND to 23	20			
	Trichloroethene	2.9 to 750	200			
VW-36-10	Benzene	1.4 to 31	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-36-30	Benzene	ND to 97	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-37-10	Benzene	1.3 to 35	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10. **Only 1 exceedance out of 6.**
VW-37-30	Benzene	ND to 28	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-38-10	**NONE**			Reduce Frequency to **Annual**	Reduce Constituents List	
VW-38-34	Benzene	ND to 27	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10. **Only 1 exceedance out of 6.**
VW-39-07	**NONE**			Reduce Frequency to **Annual**	Reduce Constituents List	
VW-39-30	Benzene	ND to 13	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10. **Only 1 exceedance out of 6.**
VW-41-07	Benzene	0.91 to 25	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-41-20	Benzene	ND to 64	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-42-10	Benzene	ND to 65	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.
VW-42-30	Benzene	0.61 to 33	10	Reduce Frequency to **Annual**	Reduce Constituents List	Same as for VW-29-10.

ND - Not Detected at or above the Detection Limit
SGPS-Soil Gas Performance Standards
NOTES:
(1) In accordance with Figure 4-2, Decision Matrix Criteria for Soil Gas Monitoring Data.

Table 8-4

Summary of Non-Compliance VW Wells Monitoring Results and Recommended Monitoring Changes

Sample Location	Constituents Detected with DumpStat Limit Exceedences Over the Last Six Monitoring Episodes (1)	Recommended Monitoring Changes		Comment
		Frequency	Constituents	
VW-25-35	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-46-07	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09.**
VW-46-15	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-46-27	Toluene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in 08-09 and limit exceedance in only 1 of 6 events.**
VW-49-10	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and limit exceedance in only 2 of 6 events.**
VW-49-18	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-49-30	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-51-08	Methane	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and limit exceedance in only 2 of 6 events.**
VW-51-18	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-51-30	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-55-05	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-55-18	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 09-09 and no exceedances in last 5 events.**
VW-55-29	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 08-09 and limit exceeded in only 2 of 6 events.**
	m,p-Xylene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and no exceedances in last 5 events.**
	Toluene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and no exceedances in last 5 events.**
VW-56-08	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-56-17	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and no exceedances in last 5 events.**
VW-56-28	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 08-09.**
	Methane	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and no exceedances in last 5 events. Limit exceedance in only 1 of 6 events at a concentration of only 16 ppmv.**
	Toluene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and limit exceedance in only 1 of 6 events.**
VW-58-08	**NONE**	Reduce Frequency to **Annual**	Reduce Constituents List	
VW-58-19	Methane	Reduce Frequency to **Annual**	Reduce Constituents List	**Limit exceedance at concentrations at or below 2.3 ppmv.**
	1,1,1-trichloroethane	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and limit exceedance in only 1 of 6 events.**
VW-58-29	Methane	Reduce Frequency to **Annual**	Reduce Constituents List	**Concentrations at or below 2.3 ppmv.**
VW-61-08	Methane	Reduce Frequency to **Annual**	Reduce Constituents List	**Exceeded limit in only 1 of 6 events at a concentration of 6.8 ppmv.**
	Ethylbenzene	Reduce Frequency to **Annual**	Reduce Constituents List	**Limit exceedance in only 1 of 6 events.**
VW-61-19	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and limit exceedance in only 2 of 6 events.**
	Toluene	Reduce Frequency to **Annual**	Reduce Constituents List	**Limit exceedance in only 1 of 6 events.**
VW-61-30	Methane	Reduce Frequency to **Annual**	Reduce Constituents List	**Limit exceedance in only 1 of 6 events.**
	Toluene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 08-09 and limit exceedance in only 1 of 6 events.**
	m,p-Xylene	Reduce Frequency to **Annual**	Reduce Constituents List	**Limit exceedance in only 1 of 6 events.**
VW-62-08	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in FY 07-08 or 08-09 and limit exceedance in only 2 of 6 events.**
	m,p-Xylene	Reduce Frequency to **Annual**	Reduce Constituents List	**Limit exceedance in only 1 of 6 events.**
VW-62-18	Benzene	Reduce Frequency to **Annual**	Reduce Constituents List	**Concentrations at or below 16 ppbv during last 5 events.**
VW-62-29	PCE	Reduce Frequency to **Annual**	Reduce Constituents List	**No exceedance in last 5 sample events.**

NOTES:

(1) In accordance with Figure 4-2, Decision Matrix Criteria for Soil Gas Monitoring Data.

Table 8-5

Summary of Ground Water Monitoring Results and Recommended Monitoring Changes

Sample Location	Constituent(s) Detected At or Above Groundwater Standard Over Last 3 Monitoring Episodes (last 2 years) (1)	Concentration Range (2)(3) (mg/l)	Regulatory Level (mg/l) (3)	Recommended Monitoring Changes		Comment
				Frequency	Constituents	
GW-01	**NONE**			Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-02	**NONE**			Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-10	Manganese	0.03 to 0.24	0.05	Reduce Frequency to **bi-Annual**	Reduce Constituents List	Manganese is **naturally present** in groundwater.
GW-11	Manganese	ND to 0.23	0.05	Reduce Frequency to **bi-Annual**	Reduce Constituents List	Manganese is **naturally present** in groundwater. The **PCE is from an offsite source** as GW-11 is a **background well**.
	PCE	ND to 13 ug/l	5 ug/l	Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-22	**NONE**			Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-23	**NONE**			Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-26	**NONE**			Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-27	**NONE**			Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-29	**NONE**			Reduce Frequency to **bi-Annual**	Reduce Constituents List	
GW-30	Manganese	ND to 0.11	0.05	Reduce Frequency to **bi-Annual**	Reduce Constituents List	Manganese is **naturally present** in groundwater.
GW-32	Manganese	ND to 0.36	0.05	Reduce Frequency to **bi-Annual**	Reduce Constituents List	Manganese is **naturally present** in groundwater. GW-32 is a **background well**.
GW-33	Manganese	1.8 to 3.7	0.05	Reduce Frequency to **bi-Annual**	Reduce Constituents List	Manganese is **naturally present** in groundwater.

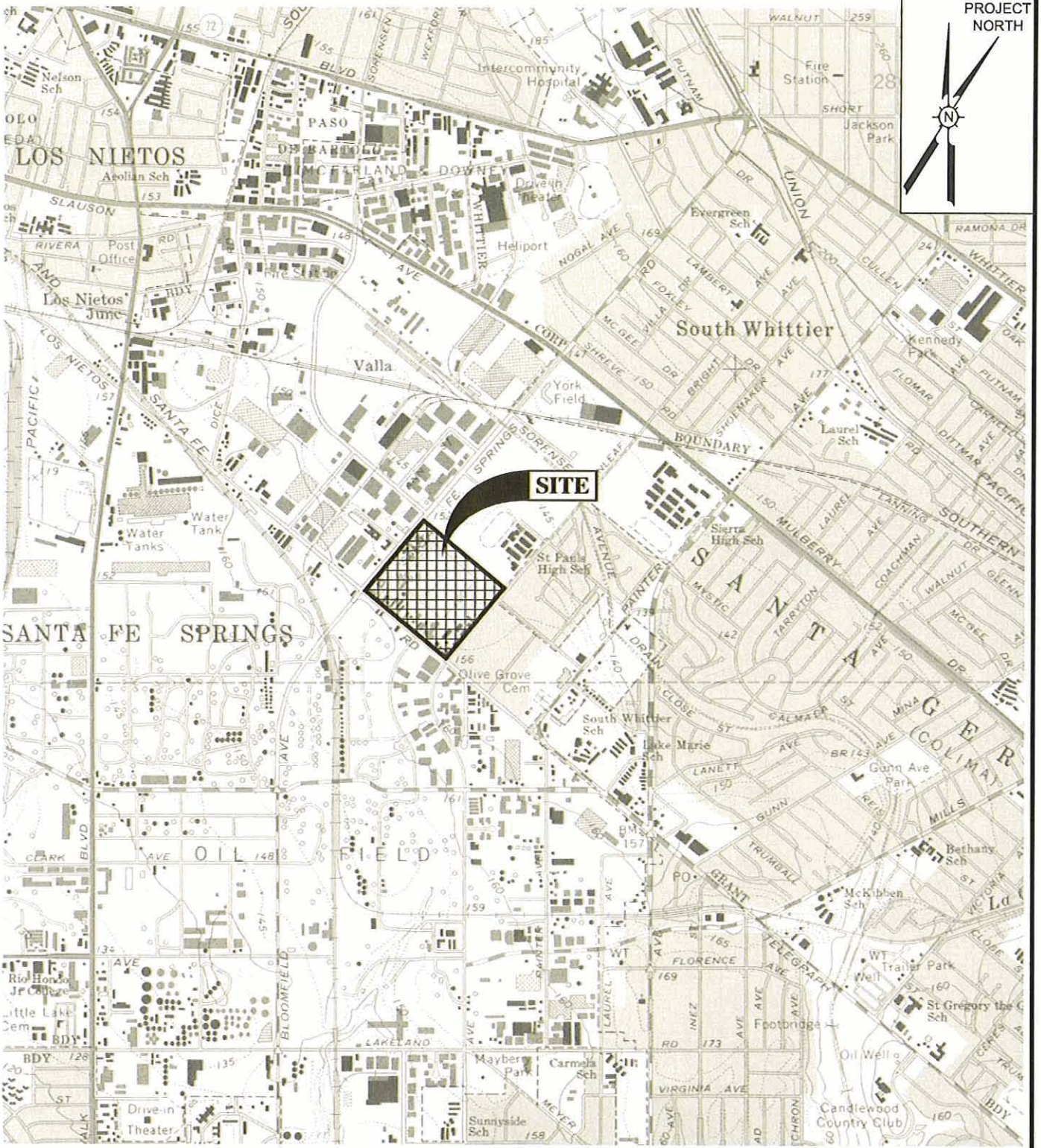
ND - Not Detected at or above the Detection Limit

NOTES:

(1) In accordance with Figure 4-3, Decision Matrix Criteria for Ground Water Monitoring.

(2) Concentration determined by reducing measured value by background concentration.

(3) Units are indicated in mg/l unless otherwise specified



REFERENCE:

USGS 7.5 MINUTE TOPOGRAPHIC MAP OF WHITTIER, CALIFORNIA, DATED 1981.

PROJECT: 156626

FACILITY:

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

SITE LOCATION MAP

FIGURE 2-1

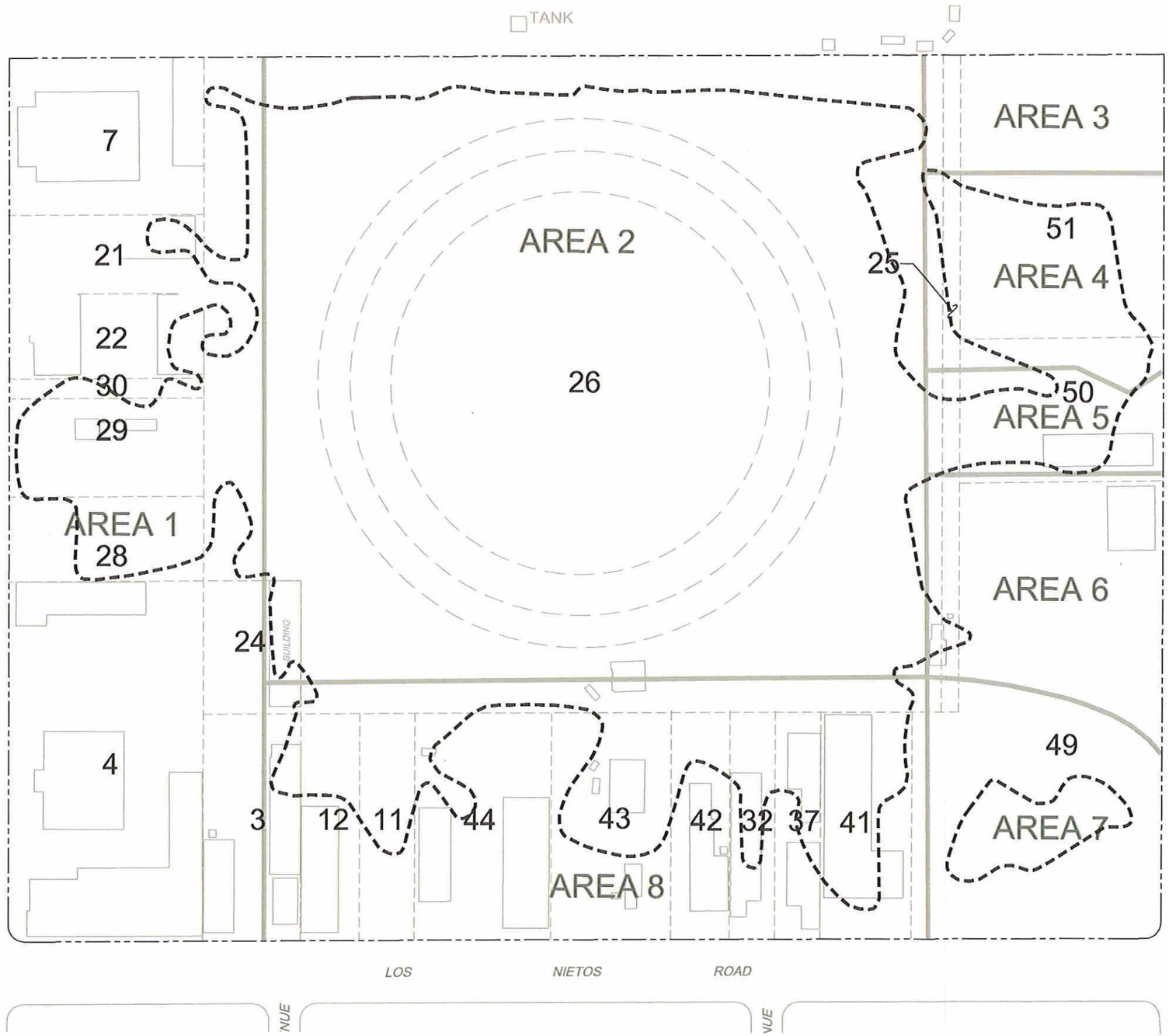
MS=1:1 L:\Graphics\ProjectsByNumber\29-xxxx\29-0224 Waste Disposal Inc\FIGURES (WITHOUT LOGO)\290224-Location(rev).dwg Oct 29, 2008 - 4:09pm Rcollins

LEGEND

- Site Boundary
- Area Boundary
- AREA 1 Historical Use Designations
- Parcel Boundary
- 7 Parcel Number
- Limit of Waste
- Existing Building

Parcel No./Owner

3	Raymond & Donnis Holbrook Trust
4	Dia-Log Company
7	Eugene and Geraldine Welter Trust
11	Albert C K & Betty Leung
12	Albert C K & Betty Leung
21	Lucille F. Ferris Living Trust
22	John I. Maple Family Partnership
24	Raymond & Donnis Holbrook Trust
25	Marvin W. Pitts and Cecilia Pitts, trustees under Declaration of Trust, dated February 1, 1982 (Pitts Family Trust), Adeline R. Bennet, M.D. Living Trust
26	Marvin W. Pitts and Cecilia Pitts, trustees under Declaration of Trust, dated February 1, 1982 (Pitts Family Trust), Adeline R. Bennet, M.D. Living Trust
28	Thomas J. Mersits, Irene L. Mersits Trust
29	Thomas J. Mersits, Irene L. Mersits Trust
30	Marvin W. Pitts and Cecilia Pitts, trustees under Declaration of Trust, dated February 1, 1982 (Pitts Family Trust), Adeline R. Bennet, M.D. Living Trust
32	David Joseph Neptune Family Trust
37	Lula Graziano, Trustee of Trust "A" of the Graziano Trust as restated March 4, 1992 Lula Graziano, Trustee of Trust "B" of the Graziano Trust as restated March 4, 1992, Jovita I. Ortega
41	Eugene and Geraldine Welter Trust
42	Danny R. Peoples & Dena Peoples
43	Eddie Earl Timmons
44	Sisneros Family Trust
49	Greve Financial Services, Inc.
50	Brothers Machine & Tool, Inc.
51	Marvin W. Pitts and Cecilia Pitts, trustees under Declaration of Trust, dated February 1, 1982 (Pitts Family Trust), Adeline R. Bennet, M.D. Living Trust



REFERENCE:

Nunez Engineering, Survey Drawing NE 97187, Oct. 31, 1997.

SCALE (FEET)

0 150 300

PROJECT: 156626

FACILITY:

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

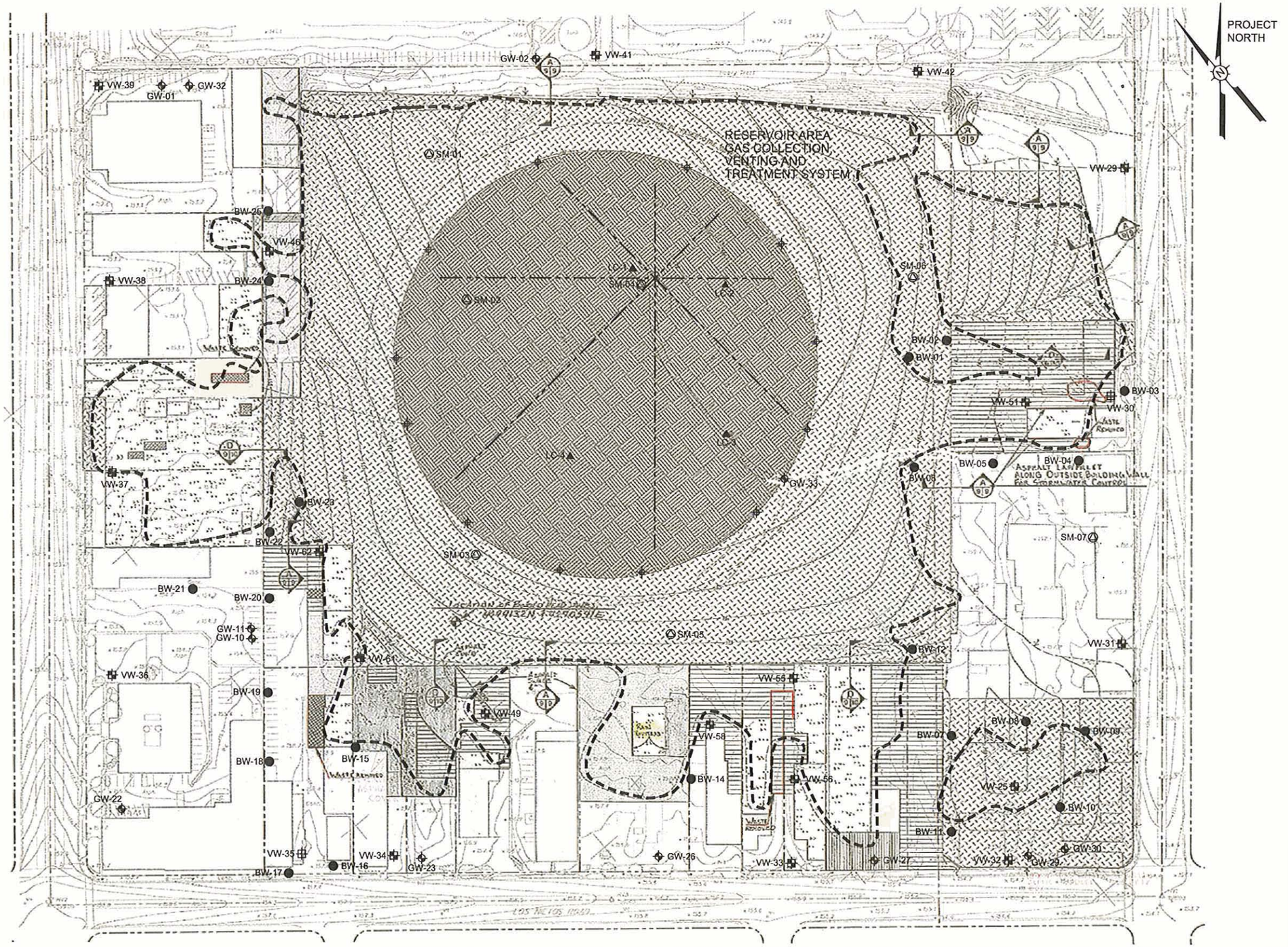
SITE FEATURES

FIGURE 2-2

MS=1:150 L:\Graphics\ProjectsByNumber\29-xxxx\29-0224 Waste Disposal Inc\FIGURES (WITHOUT LOGO)\290224-Features(rev).dwg Oct 29, 2008 - 2:15pm Rcollins

LEGEND

- RCRA SUBTITLE C-EQUIVALENT CAP AREA — DETAIL 4 (9|10)
- RCRA SUBTITLE D - EQUIVALENT COVER AREA — DETAIL 5 (9|10)
- REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER — DETAIL 6 (9|10)
- 2" ASPHALT OVERLAY COVER — DETAIL 6A (9|10)
- REMOVE EXISTING CONCRETE AND REPLACE WITH ENGINEERED CONCRETE COVER — DETAIL 7 (9|10)
- ENGINEERED CONCRETE COVER WITH SEALED CRACKS — DETAIL 7A (9|10)
- SEAL ASPHALT AND RESTRIPE
- CLEAN OUT
- LIMIT OF WASTE
- GAS COLLECTION PIPE
- BIOVENT WELL
- EXISTING GROUND WATER WELL RETAINED FOR MONITORING
- EXISTING VAPOR WELL RETAINED FOR MONITORING
- LEACHATE COLLECTION WELL
- SETTLEMENT MONUMENT



SCALE (FEET)

0 150 300

PROJECT: 156626

FACILITY:

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

MAJOR REMEDY COMPONENTS

FIGURE 2-3

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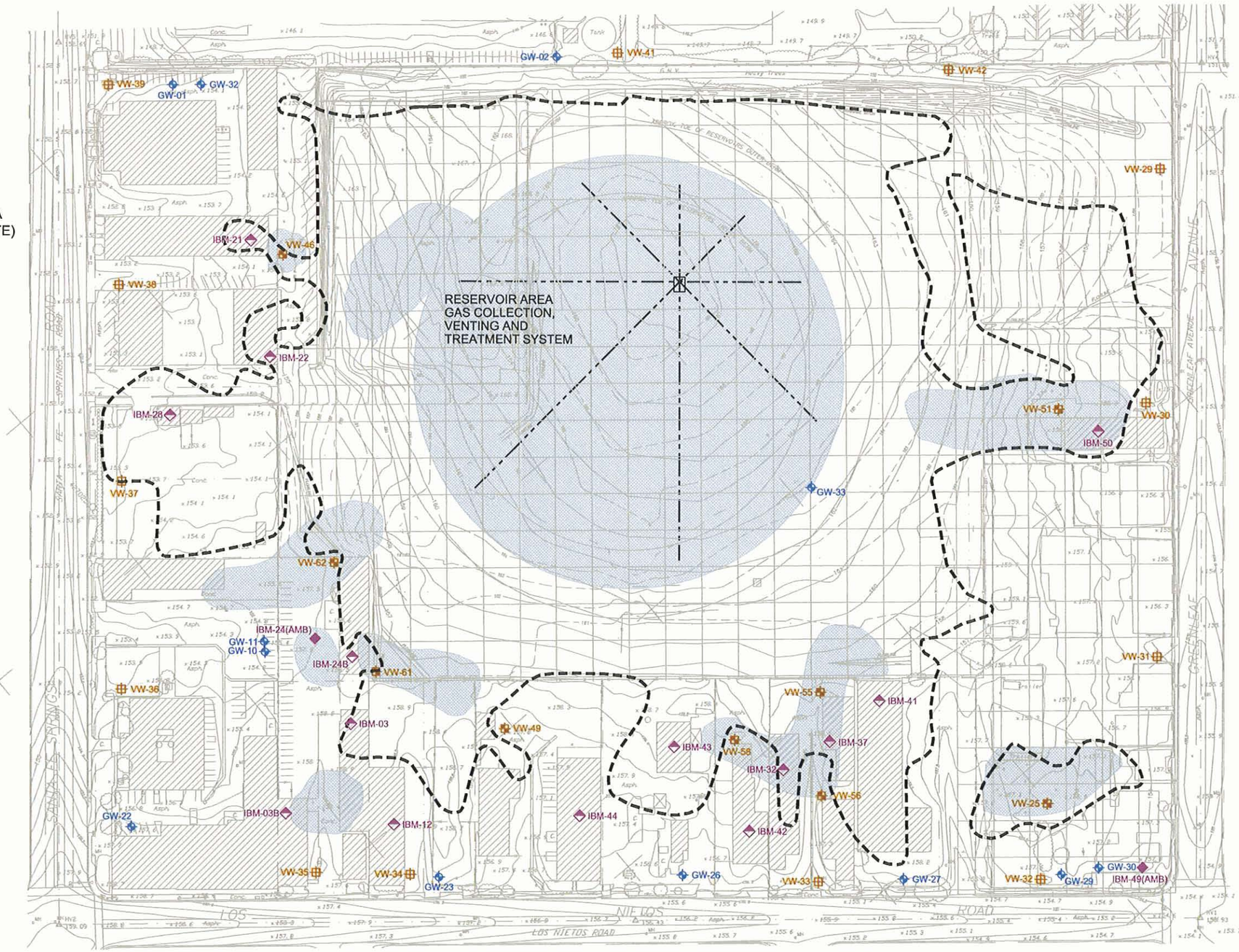
LEGEND

- GW-01 GROUND WATER WELL
- VW-29 COMPLIANCE/PERIMETER VAPOR WELL
- VW-25 NON-COMPLIANCE VAPOR WELL
- IBM-22 IN-BUSINESS AIR MONITORING
- IBM-24 (AMB) AMBIENT AIR MONITORING
- SOIL GAS NON-COMPLIANCE AREA (LATERAL EXTENT IS APPROXIMATE)
- EXISTING BUILDING SLAB
- LIMIT OF WASTE
- GAS COLLECTION PIPE



SCALE (FEET)

0 150 300

REFERENCE: TOPOGRAPHY BY NUNEZ ENGINEERING (DECEMBER 1998)

PROJECT: 156626

FACILITY:

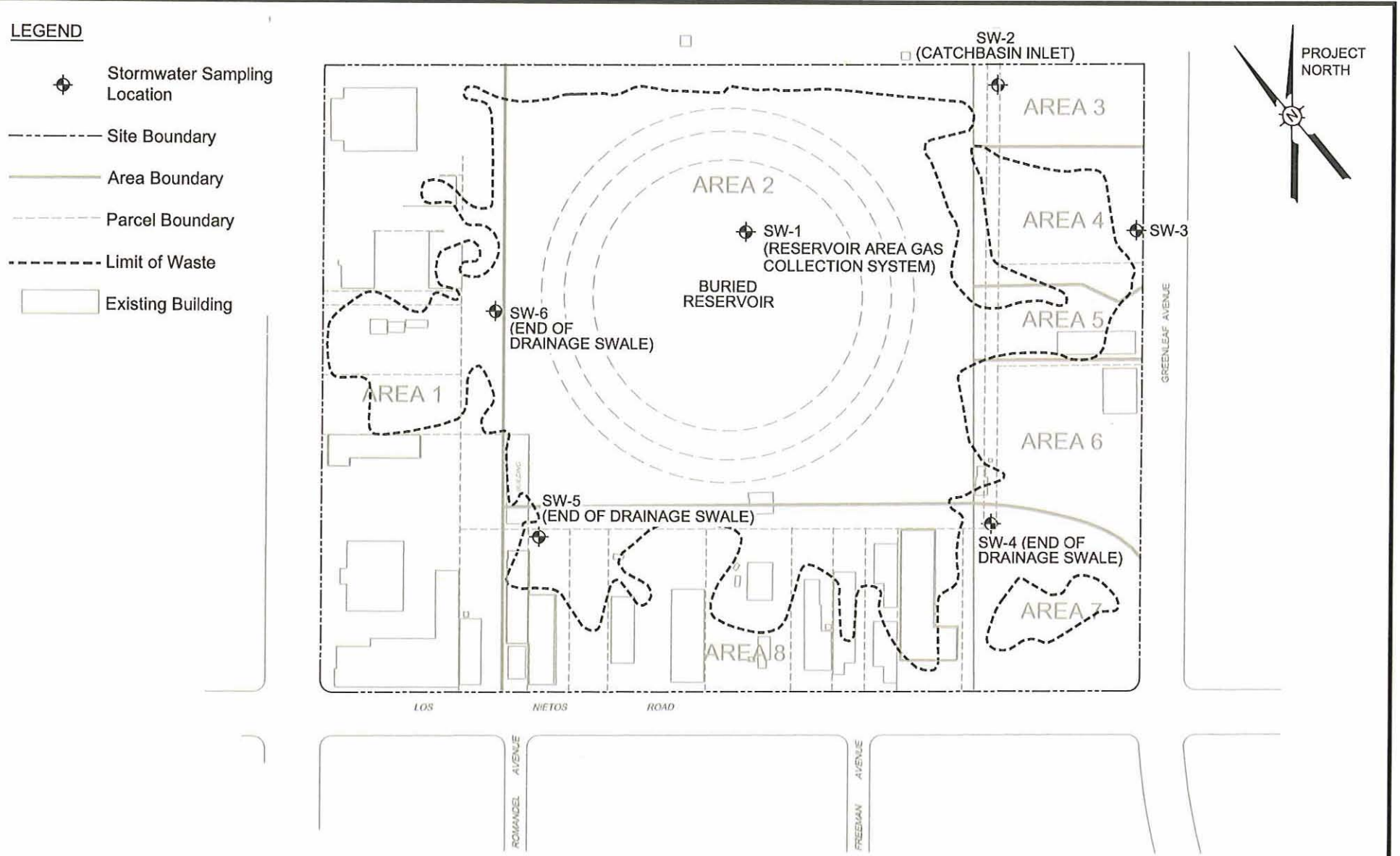
WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

LOCATION OF MONITORING SYSTEMS

FIGURE 2-4

MS=1:150 L:\Graphics\ProjectsByNumber\29-xxxx\29-0224 Waste Disposal Inc\FIGURES (WITHOUT LOGO)\290224-Monitoring Sys(rev).dwg Oct 29, 2008 - 2:22pm Rcollins

MS=1:250 L:\Graphics\ProjectsByNumber\29-xxxx\29-0224 Waste Disposal Inc\FIGURES (WITHOUT LOGO)\290224-Stormwater(rev).dwg Oct 29, 2008 - 2:24pm Rcollins



PROJECT: 156626	**STORMWATER MONITORING LOCATIONS**
FACILITY: WASTE DISPOSAL, INC. SANTA FE SPRINGS, CALIFORNIA	**FIGURE 2-5**

LEGEND

RCRA SUBTITLE C-EQUIVALENT CAP AREA
DETAIL 4 (9|10)

RCRA SUBTITLE D - EQUIVALENT COVER AREA
DETAIL 5 (9|10)

REMOVE EXISTING ASPHALT AND REPLACE WITH ENGINEERED ASPHALT COVER
DETAIL 6 (9|10)

2" ASPHALT OVERLAY COVER
DETAIL 6A (9|10)

REMOVE EXISTING CONCRETE AND REPLACE WITH ENGINEERED CONCRETE COVER
DETAIL 7 (9|10)

ENGINEERED CONCRETE COVER WITH SEALED CRACKS
DETAIL 7A (9|10)

SEAL ASPHALT AND RESTRIPE

LIMIT OF WASTE

GAS COLLECTION PIPE

BIOVENT WELL

EXISTING GROUND WATER WELL RETAINED FOR MONITORING

EXISTING VAPOR WELL RETAINED FOR MONITORING

LEACHATE COLLECTION WELL

CLEAN OUT

SETTLEMENT MONUMENT WITH SURVEY ELEVATIONS BY DATE

Monument ID	
Date	Elevation
m/dd/yy	feet

NS = not surveyed.

PROJECT NORTH

RESERVOIR AREA GAS COLLECTION, VENTING AND TREATMENT SYSTEM

SM-01	
Date	Elevation
1/17/05	166.68
10/3/07	NS
10/16/08	NS

SM-02	
Date	Elevation
1/17/05	166.07
10/3/07	165.87
10/16/08	165.87

SM-03	
Date	Elevation
1/17/05	163.03
10/3/07	162.84
10/16/08	162.87

SM-04	
Date	Elevation
1/17/05	169.61
10/3/07	169.41
10/16/08	169.42

SM-05	
Date	Elevation
1/17/05	161.19
10/3/07	161.02
10/16/08	161.05

SM-06	
Date	Elevation
1/17/05	163.11
10/3/07	162.93
10/16/08	162.94

SM-07	
Date	Elevation
1/17/05	156.21
10/3/07	156.03
10/16/08	156.04

ASPHALT LAP/FILLET ALONG OUTSIDE BUILDING WALL FOR STORMWATER CONTROL

SCALE (FEET)
0 150 300

PROJECT: 156626

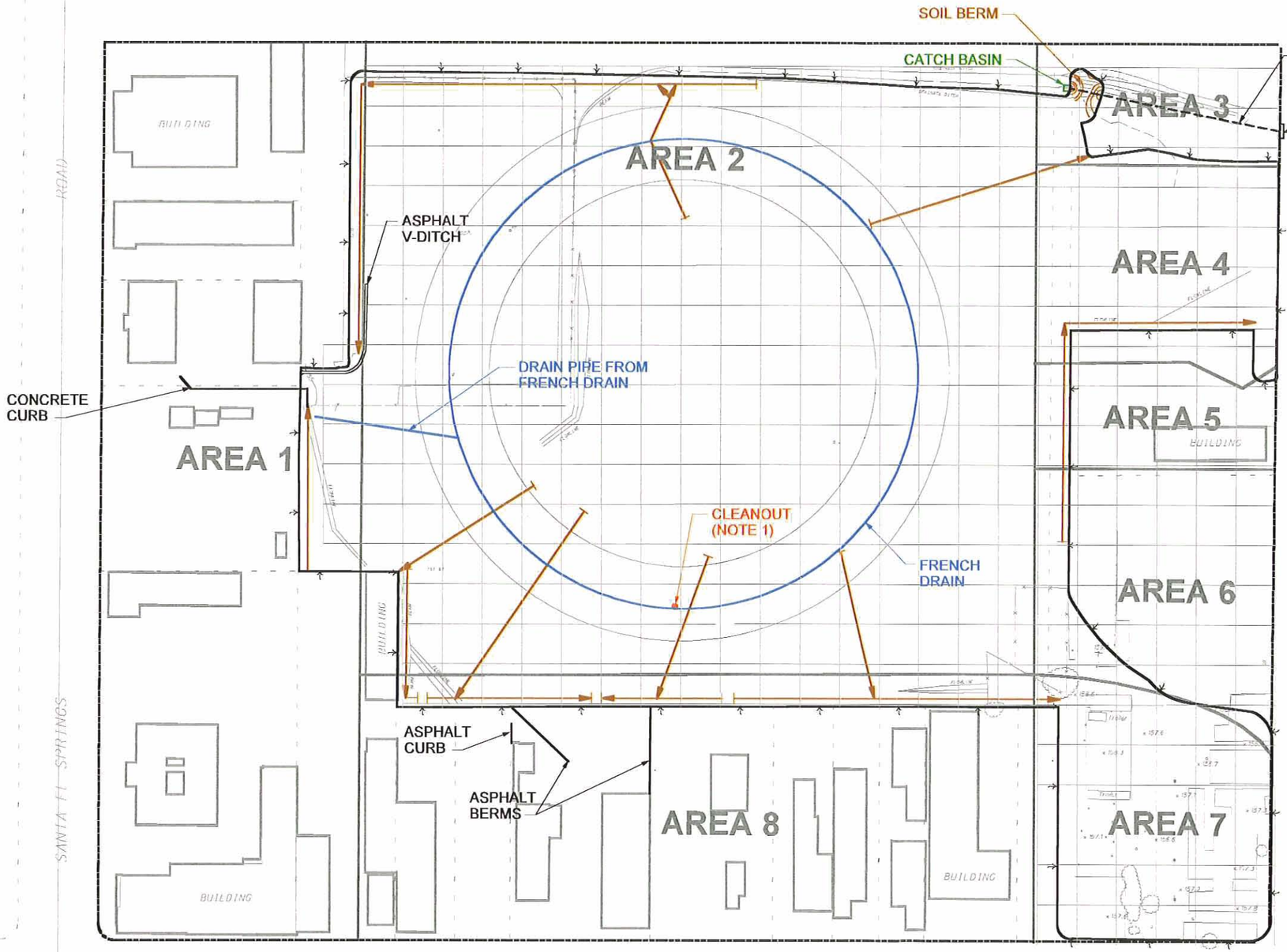
FACILITY:
WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

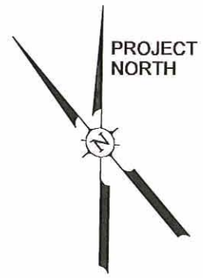
COVER SETTLEMENT SURVEY ELEVATIONS

FIGURE 3-1

MS=1:150 L:\Graphics\ProjectsByNumber\29-xxxx\29-0224 Waste Disposal Inc\FIGURES (WITHOUT LOGO)\290224-Components(rev).dwg Dec 24, 2009 - 10:43am bschmidt

29022402OMMP705-18 (No Logo) REV.10/29/08





LEGEND

- LIMIT OF GRADING
- EARTH/SOIL BERM
- AREA BOUNDARY
- SITE BOUNDARY

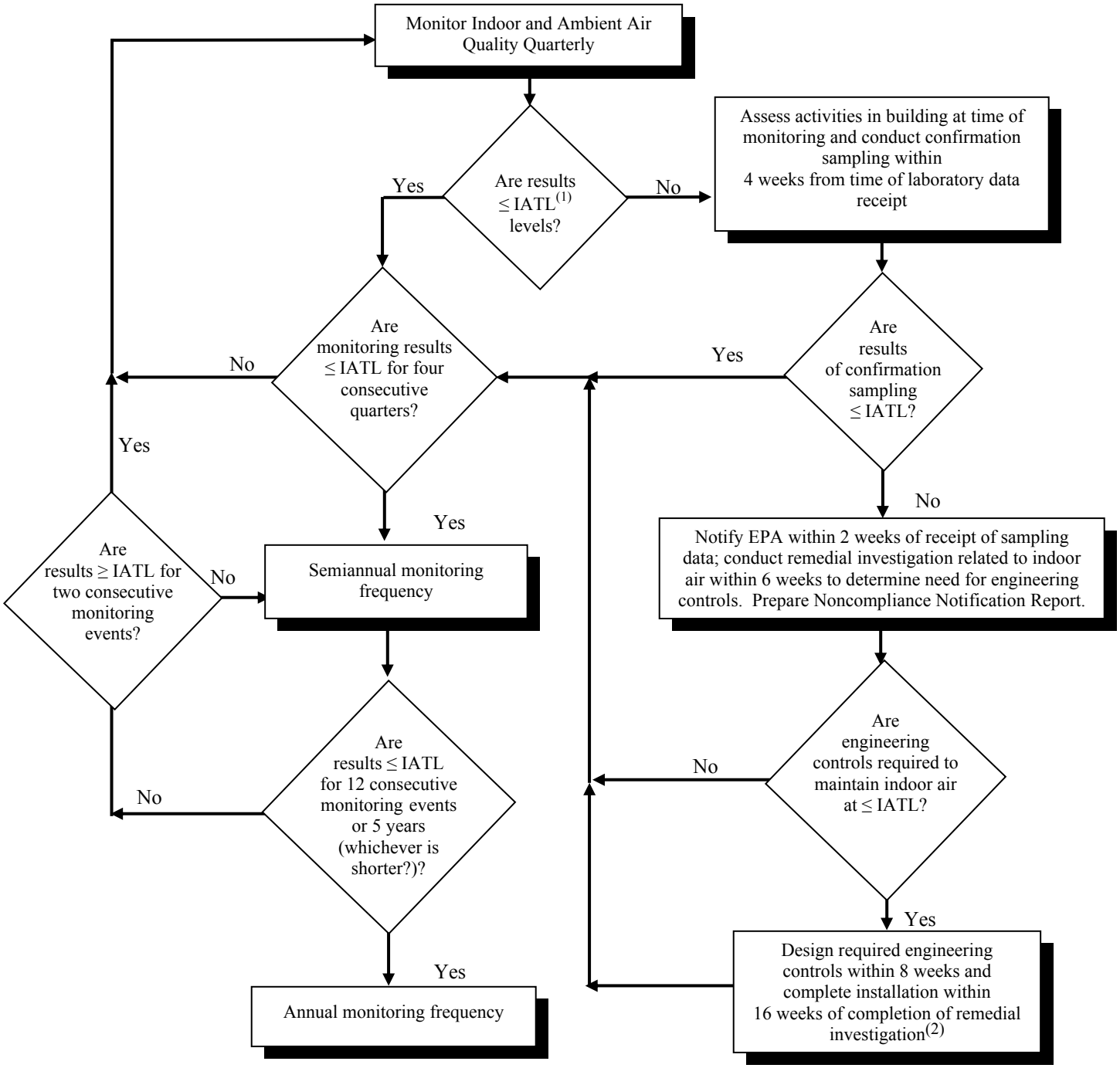
NOTE:
1. A CLEANOUT IS PROVIDED FOR THE CAP DRAINAGE TRENCH COLLECTION PIPE APPROXIMATELY EVERY 100 FEET.

0 150 300 FEET
SCALE

STORMWATER DRAINAGE SYSTEM

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

FIGURE 3-2



(1) IATL = Indoor Air Threshold Levels (see Table 2-2).

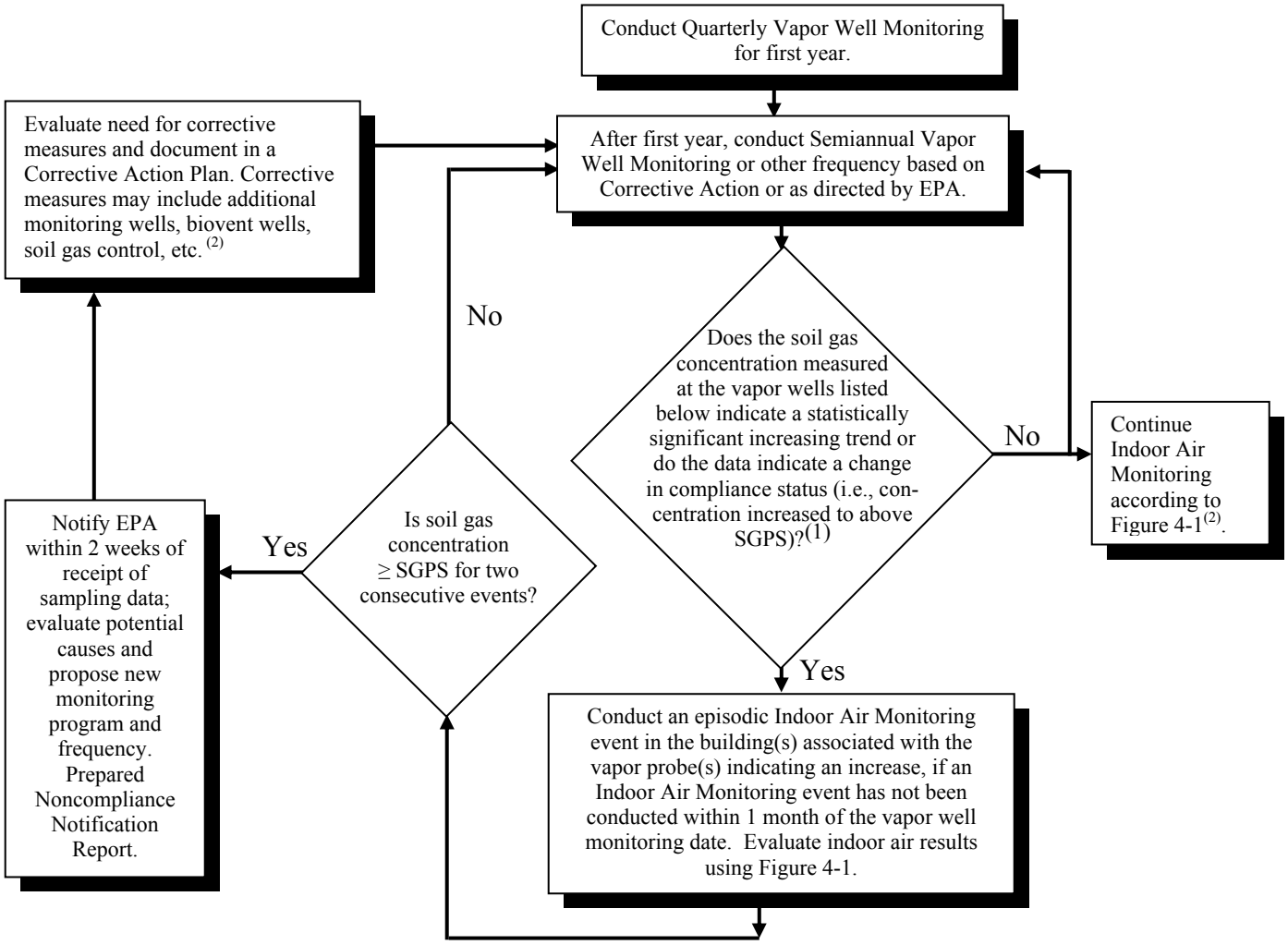
(2) Required engineering controls may include but are not limited to soil vapor extraction system outside building, passive or active foundation vent system, or HVAC system improvements. Any corrective measures will be discussed with and approved by EPA and DTSC prior to implementation.

(3) Decision matrix may be revised to include additional actions based on the concentration of the exceedance, e.g., as discussed in the Subsurface Gas Contingency Plan, CDM Federal Programs Corporation, July 17, 1997.

DECISION MATRIX FOR IN-BUSINESS AND AMBIENT AIR MONITORING
(See Footnote 3)

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

FIGURE 4-1



PARCEL NO.	PARCEL ADDRESS	VAPOR WELL NUMBER
021	9620 Santa Fe Springs Road	VW-46
022	9630 Santa Fe Springs Road	VW-46
024	12637 Los Nietos Road	VW-61 and VW-62
003	12635 Los Nietos Road	VW-61
012	12639 Los Nietos Road	VW-61
044	12715-17 Los Nietos Road	VW-49
043	12723 Los Nietos Road	VW-58
042	12741 Los Nietos Road	VW-58
032	12747 Los Nietos Road	VW-55 and -56
037	12801 Los Nietos Road; 12803 Los Nietos Road	VW-55 and -56
041	12807B, 12807A, 12809, 12811, and 12813 Los Nietos Road	VW-55 and -56
050	9843 Greenleaf Avenue	VW-30 and -51

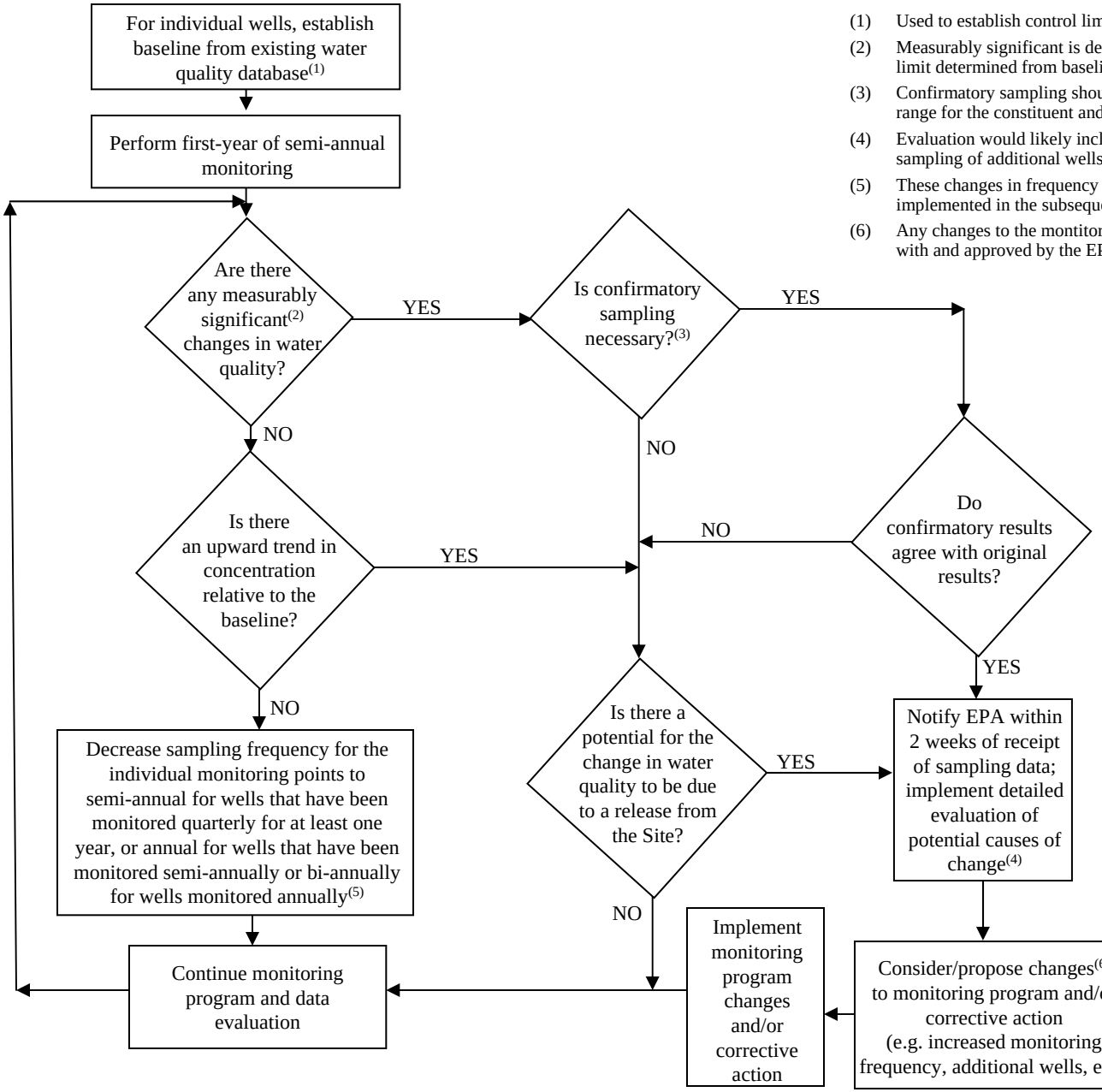
(1) SGPS = Soil Gas Performance Standard. See Table 2-2.

(2) Any changes to monitoring program and corrective actions due to soil gas concentrations ≥ SGPS for two consecutive events will be discussed with and approved by the EPA and DTSC prior to implementation

DECISION MATRIX CRITERIA FOR SOIL GAS MONITORING DATA

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

FIGURE 4-2



(1) Used to establish control limits for the statistical evaluation of monitoring data.

(2) Measurably significant is defined as a result which exceeds the statistical control limit determined from baseline for intra-well comparisons.

(3) Confirmatory sampling should be considered for results that are >5x the typical range for the constituent and location, or exceed the control limit by >2x.

(4) Evaluation would likely include engineering and hydrogeologic analyses, and sampling of additional wells.

(5) These changes in frequency would be documented in the monitoring report and implemented in the subsequent monitoring event.

(6) Any changes to the montitoring program and corrective actions will be discussed with and approved by the EPA and DTSC prior to implementation.

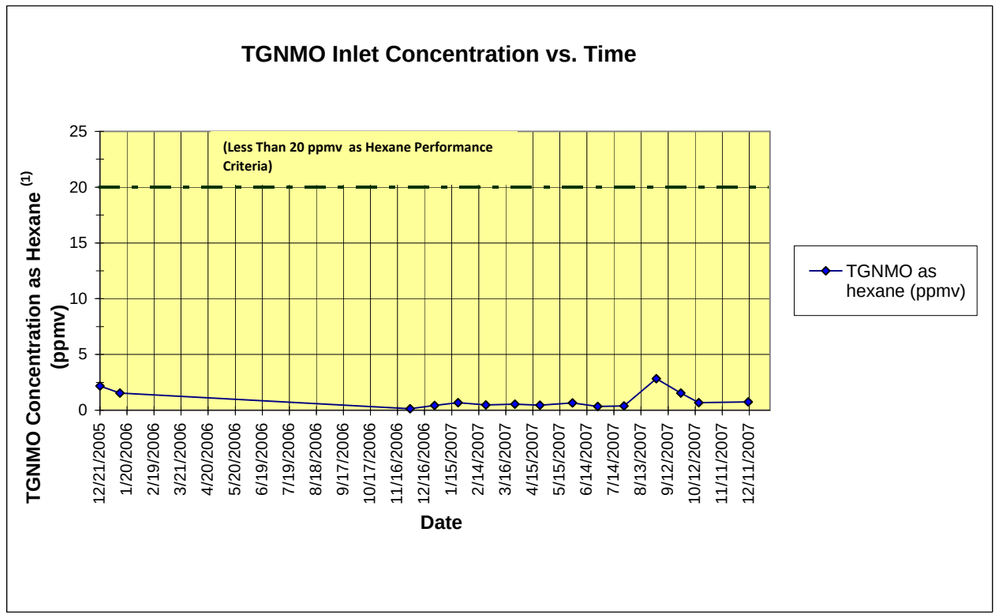
DECISION MATRIX CRITERIA FOR GROUND WATER MONITORING

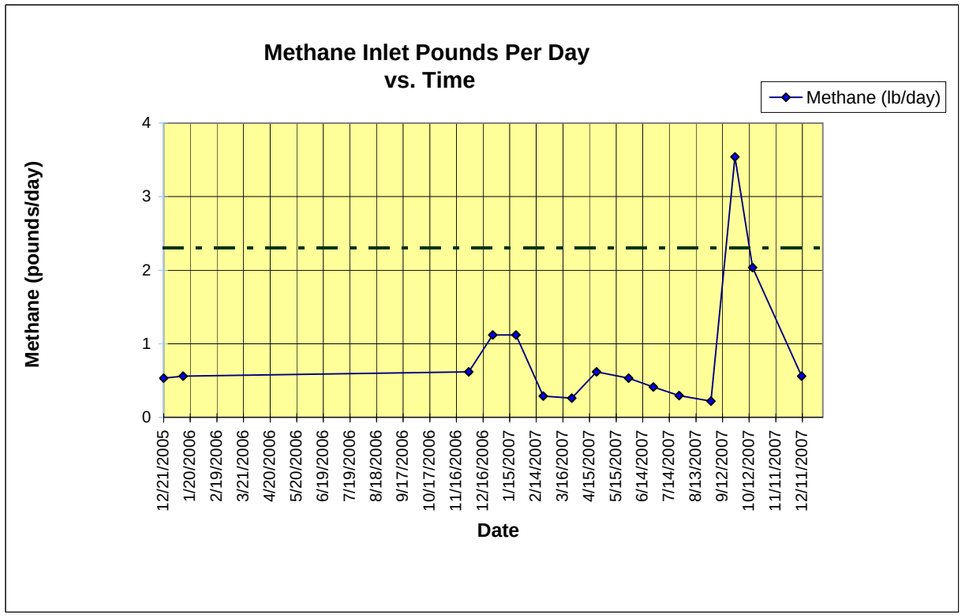
WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

FIGURE 4-3

C:\move to W-Temp Server\RM-07-22-05_WDI_OMMP\Tables-Figures\RM-07-22-05_WDI_Final Draft_OMMP_Figure 5.1(7/22/05/rm)

Figure 5-1
Trend Graphs - Active Mode
TGNMO, Methane, and VOC Inlet Values
Reservoir Gas Collection System
(December 2005 - December 11, 2007)





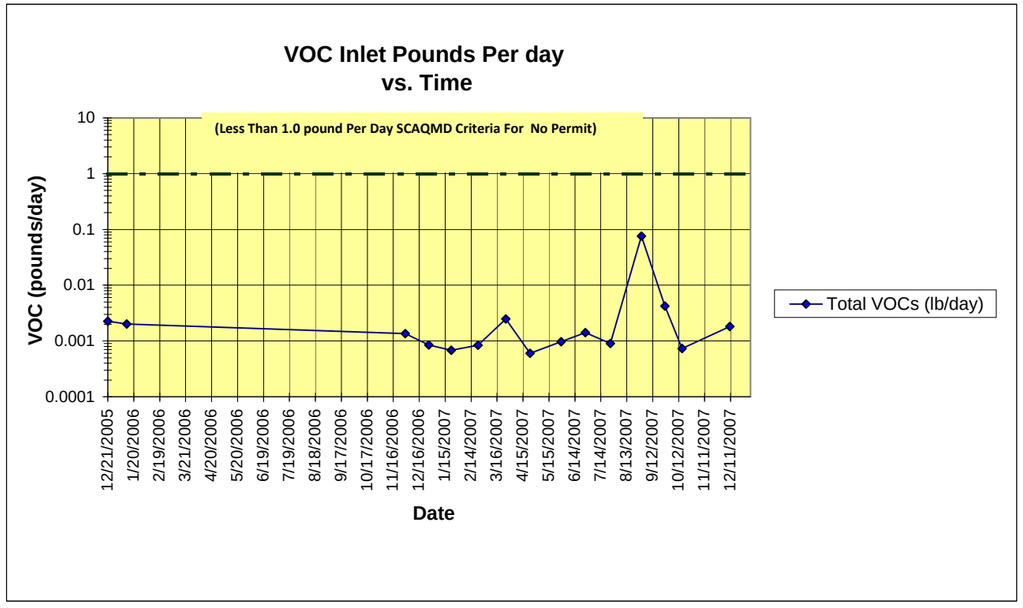


FIGURE 5-2
Initial Height of Leachate Column at Start of Monitoring

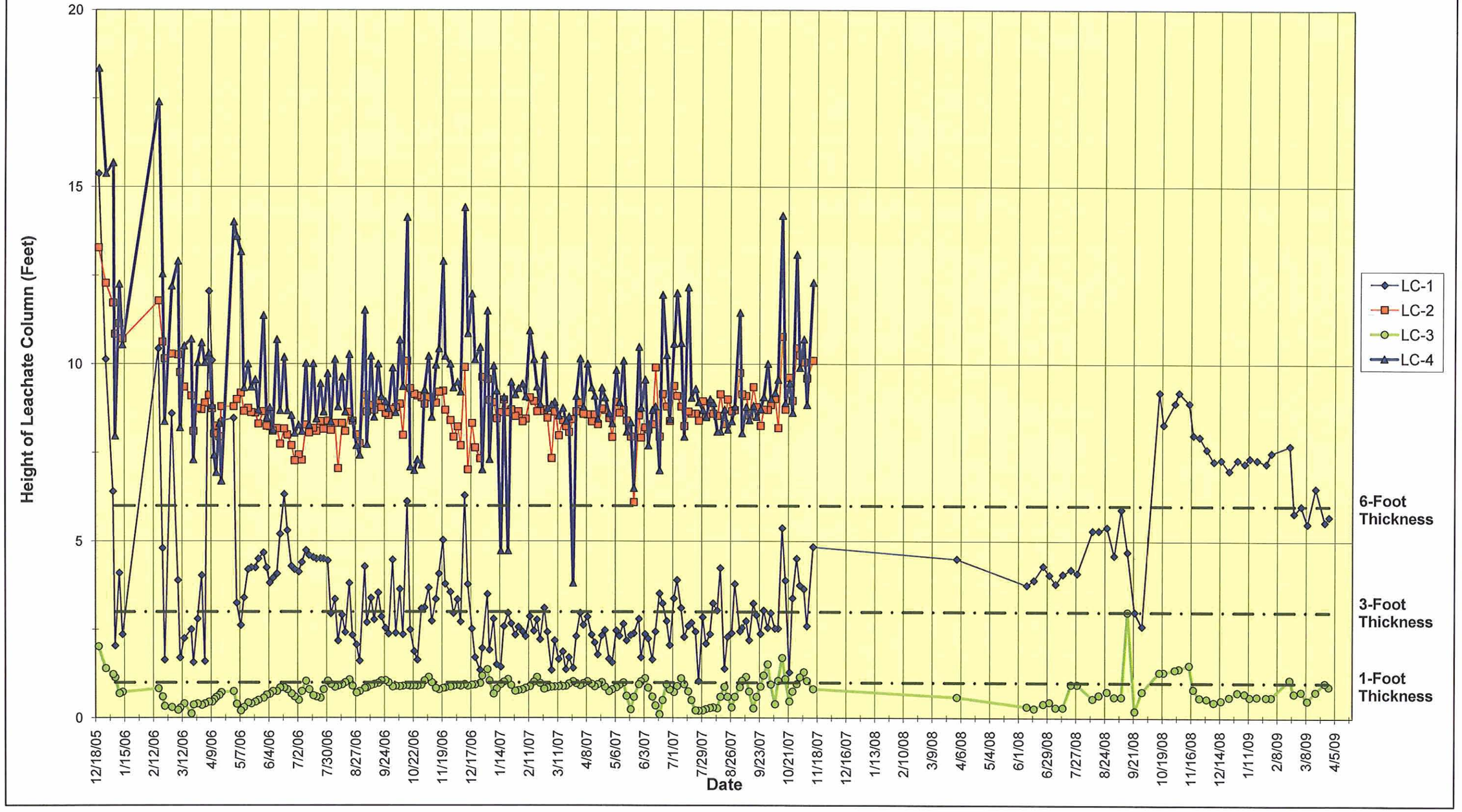
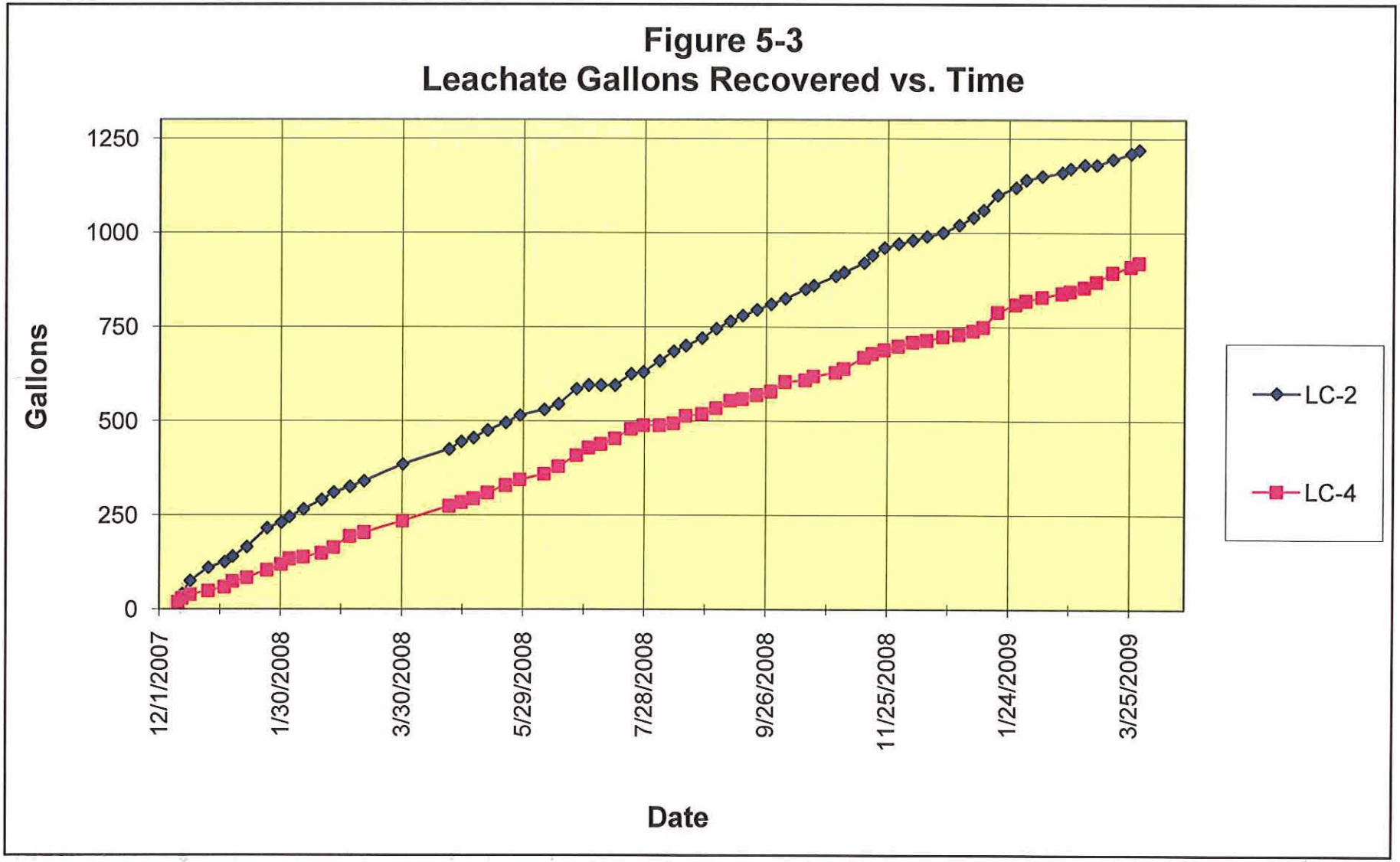


Figure 5-3
Leachate Gallons Recovered vs. Time



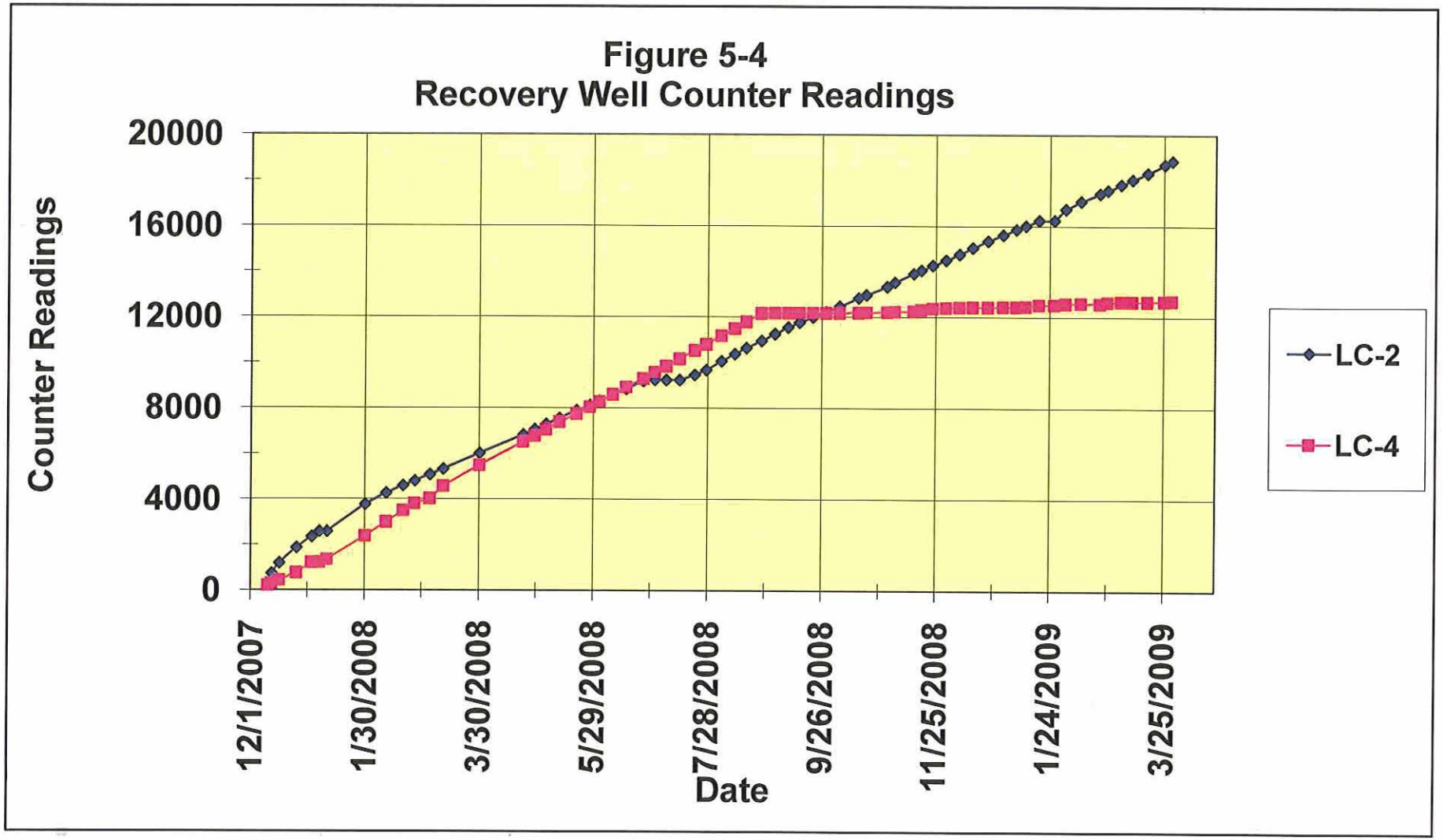
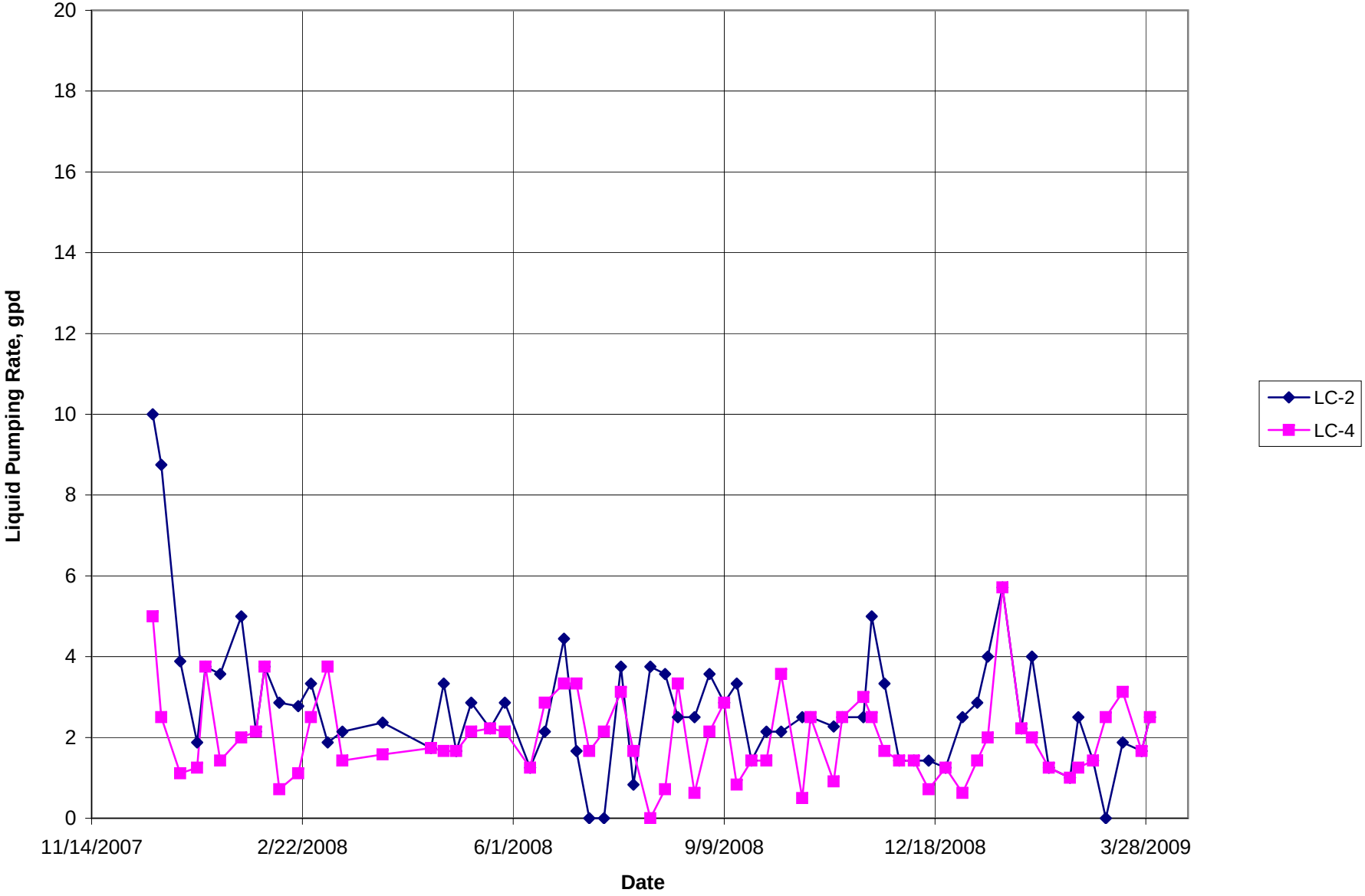


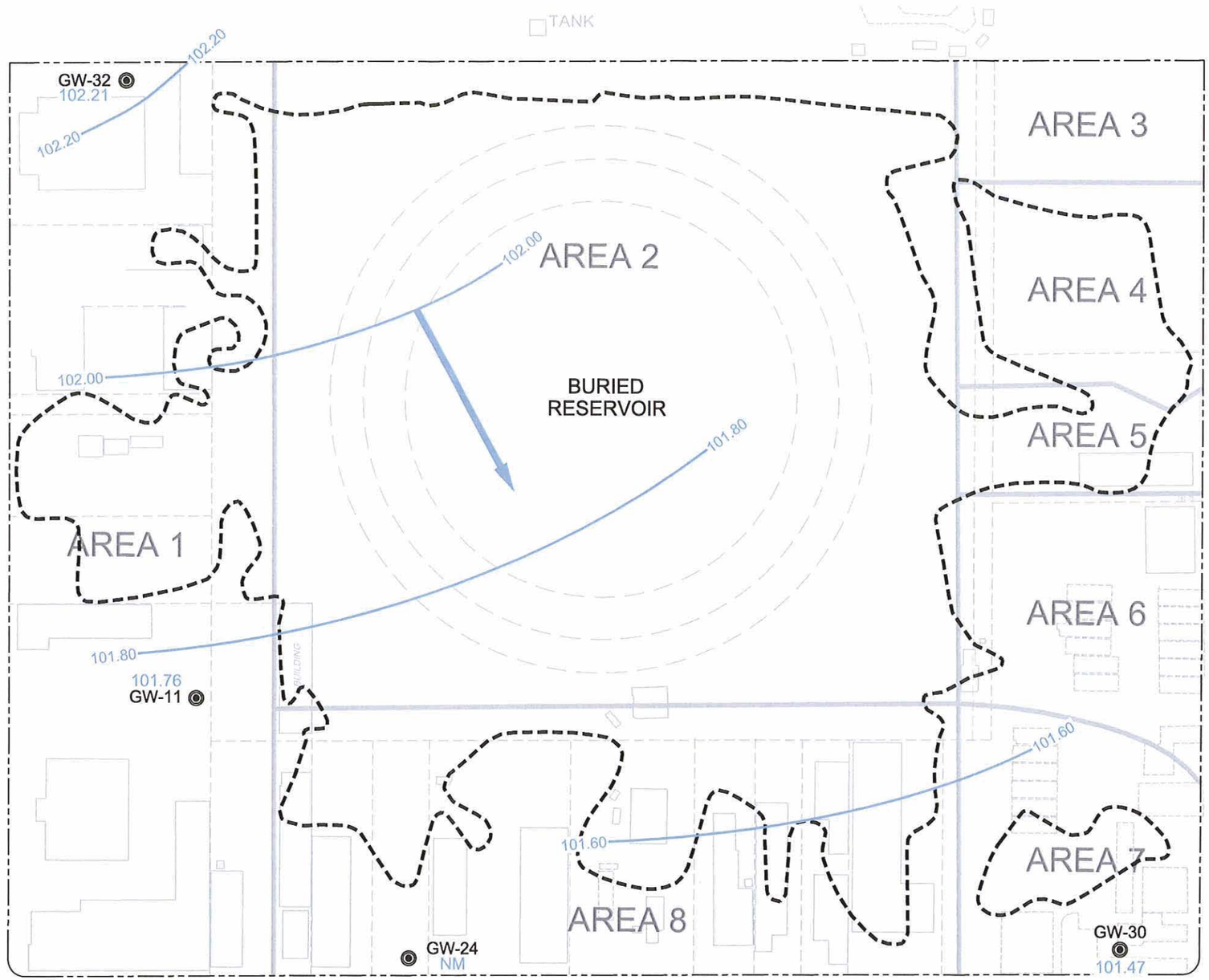
Figure 5-4
Recovery Well Counter Readings
Counter Readings
20000
16000
12000
8000
4000
0
12/1/2007
1/30/2008
3/30/2008
5/29/2008
7/28/2008
9/26/2008
11/25/2008
1/24/2009
3/25/2009
Date
LC-2
LC-4

FIGURE 5-5
LIQUIDS PUMPING RATE



LEGEND

- Deep Ground Water Monitoring Well
- 102.21 Ground Water Elevation (FT)
- Ground Water Contour Line
- Approximate Direction of Ground Water Flow
- Site Boundary
- Area Boundary
- AREA 1 Historical Use Designations
- Parcel Boundary
- Limit of Waste
- Existing Building
- Foundation Pads
- NM Not Measured
- FY Fiscal Year



REFERENCE:

Nunez Engineering, Survey Drawing NE 97187, Oct. 31, 1997.

SCALE (FEET)

0 150 300

PROJECT: 165269

FACILITY:

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

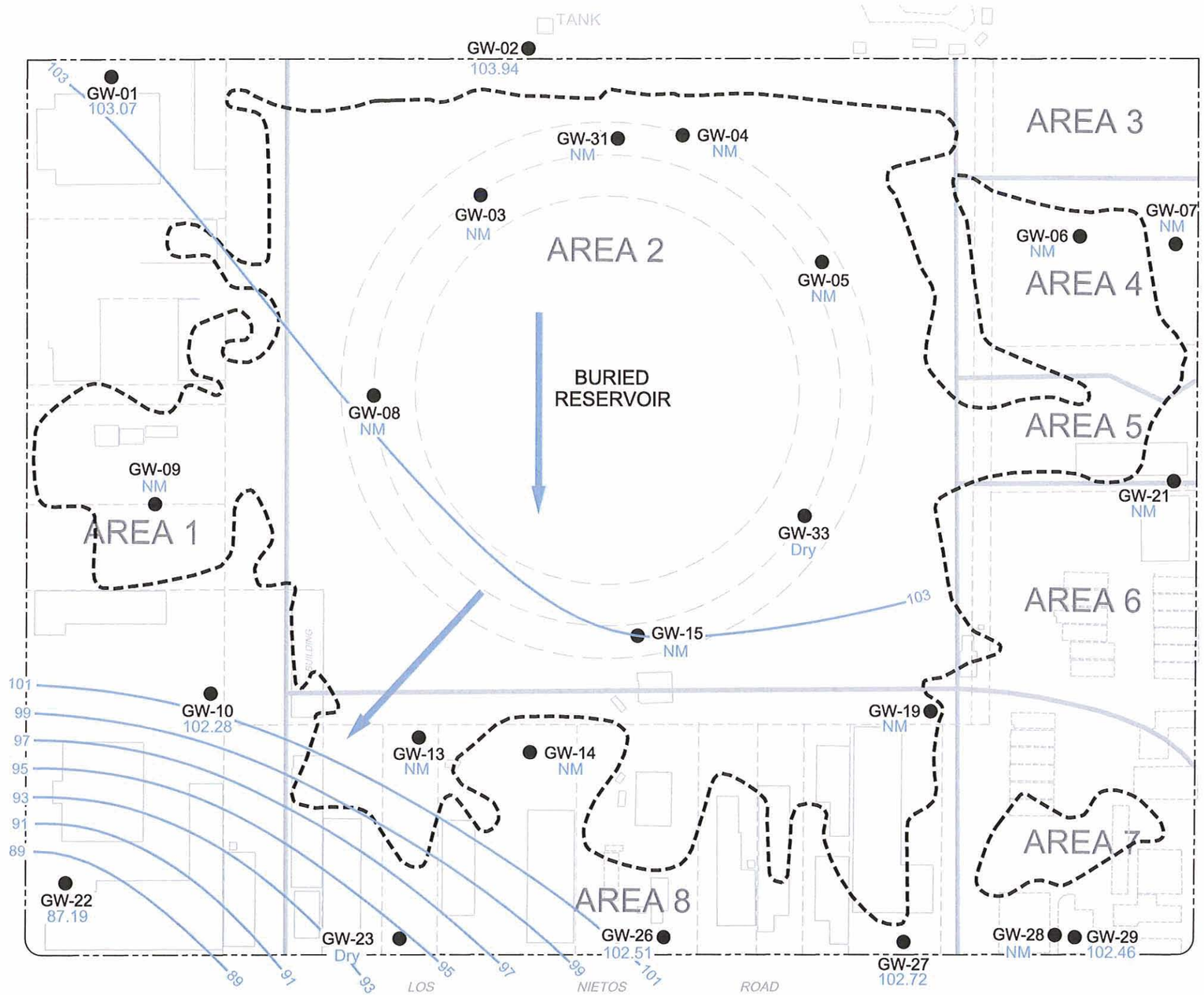
DEEP GROUND WATER ELEVATION CONTOUR MAP SECOND QUARTER OF FY 2008-2009 MONITORING

FIGURE 5-6

MS=1:150 L:\Graphics\ProjectsByNumber\29-xxxx\29-0224 Waste Disposal Inc\FIGURES (WITHOUT LOGO)\290224-Features(rev).dwg Oct 07, 2009 - 4:26pm Roollins

LEGEND

- Shallow Ground Water Monitoring Well
- 103.07 Ground Water Elevation (FT)
- Ground Water Contour Line
- Approximate Direction of Ground Water Flow
- Site Boundary
- Area Boundary
- AREA 1 Historical Use Designations
- Parcel Boundary
- Limit of Waste
- Existing Building
- Foundation Pads
- NM Not Measured
- FY Fiscal Year



REFERENCE:

Nunez Engineering, Survey Drawing NE 97187, Oct. 31, 1997.

SCALE (FEET)

0 150 300

PROJECT: 165269

FACILITY:

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

SHALLOW GROUND WATER ELEVATION CONTOUR MAP SECOND QUARTER OF FY 2008-2009 MONITORING

FIGURE 5-7

MS=1:150 L:\Graphics\ProjectsByNumber\29-xxxx\29-0224 Waste Disposal Inc\FIGURES (WITHOUT LOGO)\290224-Features(rev).dwg Oct 07, 2009 - 4:26pm Roollins

General Plan Land Use

DISCLAIMER:
he City of Santa Fe Springs makes no warranties or guarantees, either expressed or implied, as to the completeness, accuracy, or correctness of this map, nor accepts any liability arising from any incorrect, incomplete or misleading information contained therein.

General Plan designations are subject to periodic changes, which may not be reflected on this map. As such, you are advised to confirm the General Plan designations of any particular parcel prior to proceeding with a land use decision or development project.

The City of Santa Fe Springs Planning Department may be contacted at:

City of Santa Fe Springs
Planning Department
11710 Telegraph Road
Santa Fe Springs, CA 90670
(562) 868-0511 x7550

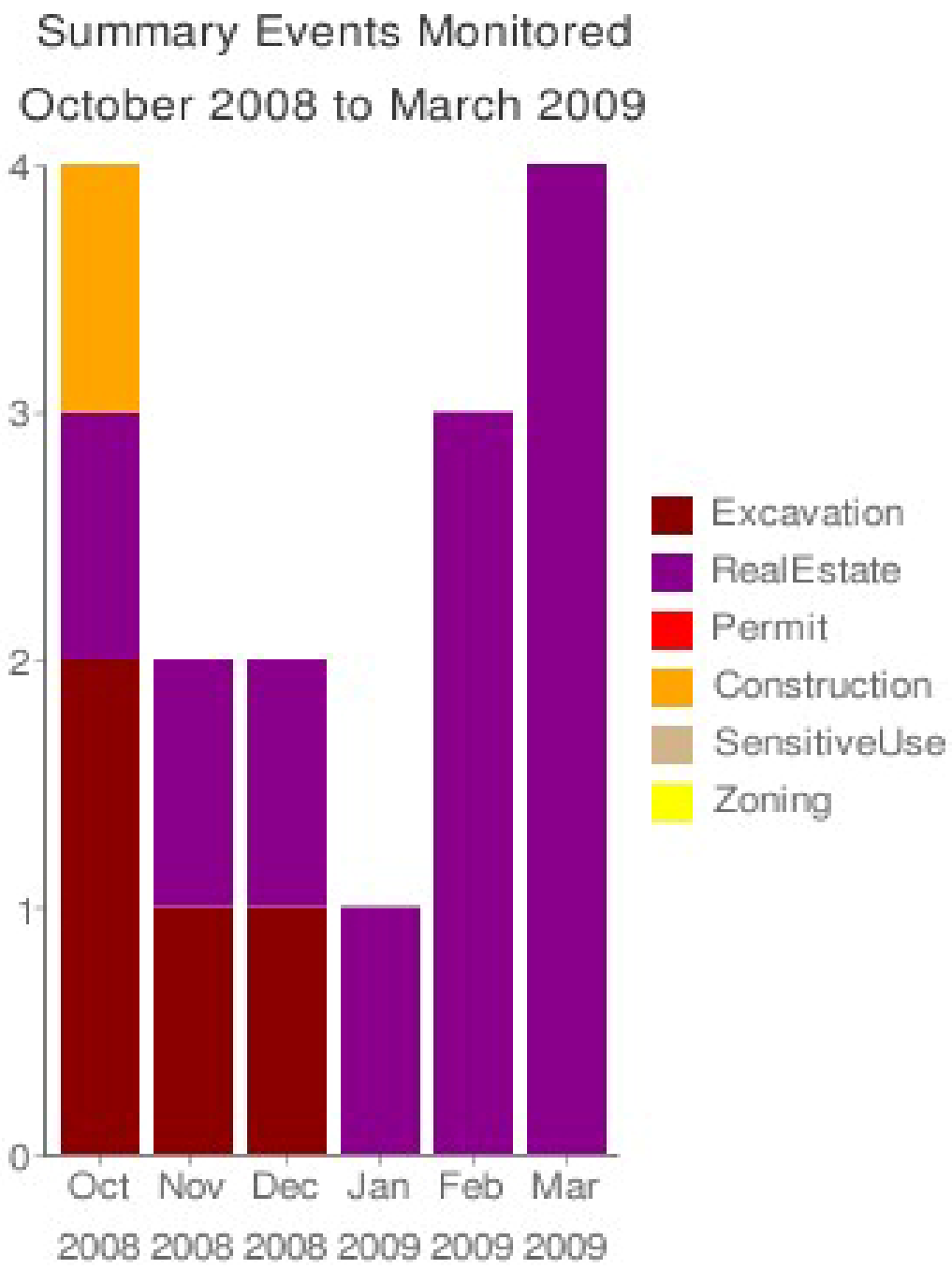
5/8/07

City of
Santa Fe Springs

CITY OF SANTA FE SPRINGS
GENERAL PLAN LAND USE MAP

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

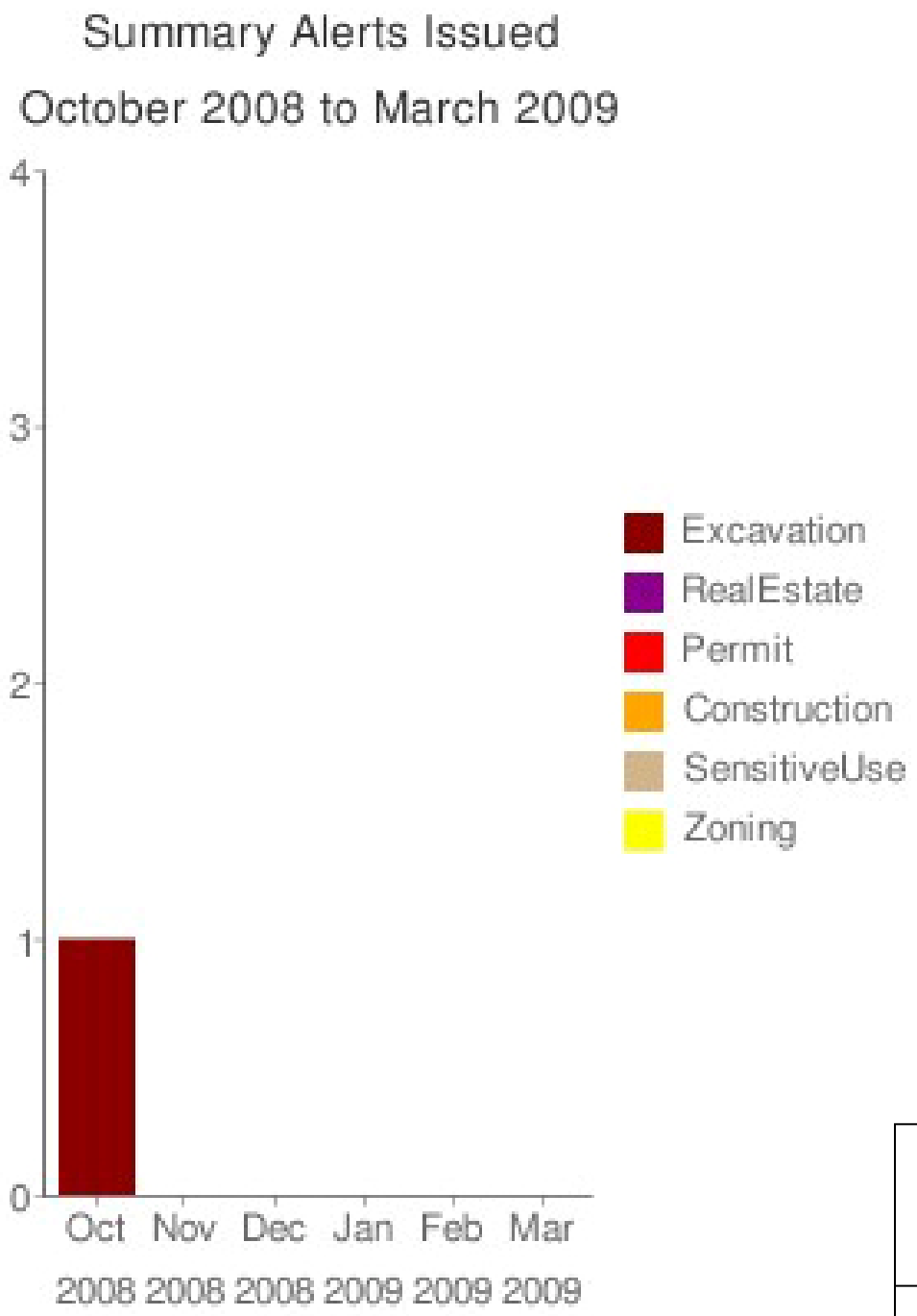
FIGURE 7.1



ICMEWP EVENTS RECEIVED DURING REPORTING PERIOD

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

FIGURE 7.2



ICMEWP ALERTS RECEIVED DURING REPORTING PERIOD

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

FIGURE 7.3

APPENDIX A

FIELD DATA SHEETS

A.1 RCRA SUBTITLE C-EQUIVALENT COVER AND SUBTITLE D-EQUIVALENT COVER O&M INSPECTION SHEETS AND SURVEY

A.2 RESERVOIR GAS COLLECTION SYSTEM MONITORING AND INSPECTION DATA SHEETS

A.3 O&M PARCEL INSPECTION SHEETS

A.4 SENTINEL BIOVENT WELL O&M INSPECTION SHEETS

A.5 GROUND WATER WELL MONITORING AND INSPECTION DATA SHEETS

A.6 VAPOR WELL MONITORING AND INSPECTION DATA SHEETS

A.7 STORMWATER DRAINAGE SYSTEM O&M INSPECTION SHEET

A.8 LEACHATE COLLECTION WELL MONITORING AND INSPECTION DATA SHEETS

A.9 SUMMA CANISTER LABORATORY QUALITY CONTROL DATA SHEETS

APPENDIX A.1

RCRA SUBTITLE C-EQUIVALENT COVER AND SUBTITLE D-EQUIVALENT COVER O&M INSPECTION SHEETS AND SURVEY

APPENDIX B.1

RCRA SUBTITLE C-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Kenneth Floom, PE	Kenneth Floom		Aug. 21, 2008

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Erosion	No erosion rills evident. No sediment accumulation evident.	✓
Settling	No settling evident	✓
Cracks	No cracks evident	✓

APPENDIX B.1

RCRA SUBTITLE C-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Vegetation Growth	Vegetative cover meets the 70% growth criteria.	✓
Weed Growth	No shrub growth evident.	✓
Animal burrows	Animal burrows evident around perimeter of site, mostly outside areas of cover. Gopher abatement measures are being taken to control situation.	✓

APPENDIX B.1

RCRA SUBTITLE C-EQUIVALENT CAP
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Vectors (Mosquitoes, rats, mice)	No vectors evident.	✓
Anchor Trench (Blockage, liquid flow)	Liquid flow occurs from drain pipe after rain events indicating the drain is open.	✓
Road Condition	Access road is in good condition.	✓
Other:	None	✓

MONITORING

PROJECT NAME: W.D.I. SUPERFUND SITE NE: 8207
CONTRACTOR: ANAND HELEKAR
IMPROVEMENT: LOCATION AND ELEVATION MONUMENTS
CHECKED BY: FPN SURVEYED BY: RS/JP DATE: 10/16/08

NUNEZ ENGINEERING
6509 PAINTER AVENUE
WHITTIER, CA. 90601
PHONE (562) 945-8915
FAX (562) 945-1705
nunez.eng@verizon.net

		COORDINATES			
NUM.	YEAR	NORTHING FT.	EASTING FT.	ELEVATION FT.	REMARKS
SM-01	07	4 094 654.84	4 270 931.33	NOT SURVEYED	COVERED WITH WIRE CAGE
	08	654.84	931.33	NOT SURVEYED	"
SM-02	07	4 094 465.29	4 270 841.79	165.87	BRASS CAP
	08	465.19	841.65	165.87	"
SM-03	07	4 094 183.67	4 270 622.92	162.84	"
	08	183.53	622.74	162.87	"
SM-04	07	4 094 323.75	4 271 043.93	169.41	"
	08	323.79	043.82	169.42	"
SM-05	07	4 093 922.66	4 270 762.80	161.02	"
	08	922.54	762.75	161.05	"
SM-06	07	4 094 086.80	4 271 344.46	162.93	"
	08	086.82	344.41	162.94	"
SM-07	07	4 093 645.31	4 271 307.11	156.03	"
	08	645.35	306.82	156.04	"

REGISTERED PROFESSIONAL ENGINEER
FERNANDO P. NUNEZ
No. C016581
Exp: 6/30/09
CIVIL
STATE OF CALIFORNIA

BENCHMARK
QUAD YEAR SANTA FE 2000
ELEV. FT. 158.940
BM No. Y 11490
DESCRIPTION: LA CO BM TAG IN E CB 2M N/O BCR @ NE COR PAINTER AVE. & LOS NIETOS RD 37M N & 8.5M E/O C/L INT.

LEGEND

TC = TOP OF CURB
FL = FLOWLINE
C = CUT
F = FILL
O/S = OFFSET
FS = FINISH SURFACE
FG = FINISH GRADE
TW = TOP OF WALL
R = RADIUS POINT
INV. = INVERT
TF = TOP OF FOOTING
FF = FINISH FLOOR
PE = PAD ELEVATION
TG = TOP OF GRATE
CF = CURB FACE
FT = FEET

NUÑEZ ENGINEERING

APPENDIX A.2

RESERVOIR GAS COLLECTION SYSTEM MONITORING AND INSPECTION DATA SHEETS

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 1

Columbia Analytical Services
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No: P0900292

Company Name & Address (Reporting Information)
TRC
21 Technology DR
Irvine CA 92618

Project Name: WDF

Project Number: 165269

Project Manager: Anand Hebbar

P.O. # / Billing Information

Phone: 949 753 0101

Fax: 949 753 0111

Email Address for Result Reporting: AHebbar@TRCSolutions.com

Sampler (Print & Sign): Doug Hinton

CAS Contact

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	TO-15 SIM PID 25C MDL 0.2ppbv Naphthalene 94NJC Carbon Atmc	EPA 3C Fixed Gases		Comments e.g. Actual Preservative or specific instructions
~~WDF-GTS-OUT~~ 1-27-09	1	1.27.09	10A	AIR	5594		6L	X	X	X		

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____

EDD required Yes / No
Type: _____ EDD Units: _____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 1-27-09	Time: 1A	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: 01/28/09	Time: 1030

Cooler / Blank

Temperature °C

APPENDIX A.3

O&M PARCEL INSPECTION SHEETS

APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
DOUG HAXTON	[signature]	1P	12-5-08

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
IBM 03	DAN STRABEHN	RCRA Subtitle D-Equivalent Cover	NO	NO	NO	.02		✓
IBM 32	JACK WHYBARK		NO	NO	NO	.80		✓
IBM 03B	ROBERT BARRAZA		NO	NO	NO	.01		✓

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TRC
Customer-Focused Solutions

APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
DOUG HAXTON		9:30	1-26-09

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
FM 21		RCRA Subtitle D-Equivalent Cover	NO	NONE	NO	0		✓

W:\1990s\1994\RM-06-22-05_WDI_OMMP\Appendix B\RM_-06-022-05_WDI_Final Draft_OMMP_Appendix B.4-new.doc 7/7/05/cm)

TRC
Customer-Focused Solutions

APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Andy Candelaria	[signature]	1300	12-13-08

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
IBM-28	TOM MERSITS	RCRA Subtitle D-Equivalent Cover	NONE	NONE	NONE	3.31	OK	✓

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TRC
Customer-Focused Solutions

APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Thomas A Greene	Thomas A Greene	10:00	12/12/08

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
		RCRA Subtitle D-Equivalent Cover						
37	operator Richard Stanard	& Floors	small cracks	Damage NO Yes. Pen wide between joints of concrete in + out.	NO	15 inside ppmv (20 outside)	High Readings prompted Respan check. Instrument ok.	✓

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APPENDIX B.4

PARCEL INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Thomas A Greene	Thomas A Greene	11:50	12/23/08

PARCEL NUMBER	OWNER	ITEM TO BE INSPECTED	CRACKS OBSERVED	DAMAGE/ PENETRATIONS OBSERVED	EROSION OBSERVED	PID SURVEY READING	COMMENTS	CHECK (√) WHEN INSPECTED
41		RCRA Subtitle D-Equivalent Cover	~5ft but small near Garage door less than Business Card in width	NO	NO	6.45ppmv	Many cracks were previously sealed.	✓

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APPENDIX A.4

SENTINEL BIOVENT WELL O&M INSPECTION SHEETS

APPENDIX B.5

SENTINEL BIOVENT WELL
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Andy Candelaria		12:00	4-20-09

WELL ID	WELLHEAD (Vented steel enclosure and cover, concrete, Baroball valve)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
BW-01	YES	YES	Good	NONE		√
BW-02						√
BW-03						√
BW-04						√
BW-05						√
BW-06						√
BW-07						√
BW-08						√
BW-09						√
BW-10						√
BW-11						√
BW-12						√
BW-14						√
BW-15	NO B.V.				4" cap PVC 40	√
BW-16	OK					√
BW-17	OK					√
BW-18	NO B.V				4" cap PVC 40	√
BW-19	NO B.V.				4" cap PVC 40	√
BW-20	OK					√
BW-21	OK					√
BW-22	OK					√
BW-23	OK					√
BW-24	NO B.V.				well seal cap.	√
BW-25	OK					√

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30. -33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 4-20-09
LOCATION: SFS	WEATHER: Hot	DAY: MON.
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: A. Candelaire	INSPECTION/TESTING OF: Bio VENT inspection	

SUMMARY OF OPERATIONS:

Bio VENT insp. BW-01 → BW-25
NO BW 13.
BW-15, BV-18, BV-19, BW-24 - NO BARO BALL VALVE.
4" PVC 40 cap instead.

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

APPENDIX A.5

GROUND WATER WELL MONITORING AND INSPECTION DATA SHEETS

FIELD MONITORING DATA SHEET

Technician: ES/EM Job #/Task #: 156626 001304 Date: 4/01/09 4/02/09

Site # WDI Project Manager AF Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
GW-33	X	0501	59.44	59.00	—	—	NS	4" Dry well
GW-32	X	0527	125.30	51.39	—	—	1000	4"
GW-30	X	0546	93.36	55.33	—	—	1124	4"
GW-29	X	0557	63.66	54.94	—	—	1215	4"
GW-27	X	0611	63.10	54.28	—	—	1310	4"
GW-26	X	0746	63.00	53.49	—	—	1410	4"
GW-23	X	0800	63.34	dry	—	—	NS	4" dry well
GW-22	X	0623	78.14	69.51	—	—	0540	4"
GW-11	X	0636	128.06	52.94	—	—	0710	4"
GW-10	X	0644	58.19	52.42	—	—	0748	4"
GW-02	X	0701	53.10	45.36	—	—	0846	4"
GW-01	X	0721	58.93	50.43	—	—	0937	4"
WDI-GMWFR-01			—	—	—	—	0836	
WDI-GMWFB-01			—	—	—	—	0847	
WDI-GMW-TB-01			—	—	—	—	NA	
WDI-GMWFD-30			—	—	—	—	1134	
			4/02/09					
WDI-GMWFR-01			—	—	—	—	0436	
WDI-GMWFB-01			—	—	—	—	0446	
WDI-GMW-TB-01			—	—	—	—	NA	
WDI-GMWFD-11			—	—	—	—	0719	

FIELD DATA COMPLETE ✓ QA/QC ✓ COC ✓ WELL BOX CONDITION SHEETS ✓

MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL

TRC

APPENDIX B.13

GROUND WATER MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 4/02/09

TECHNICIAN: E SANCHEZ

INSTRUMENT SERIAL NO.: _____

INSTRUMENT MODEL NO.: _____

WELL ID	START TIME	FINISH TIME	TOTAL WELL DEPTH (ft)	DEPTH TO WATER (ft)		VOLUME PURGED (gallon)	TEMP. (°F)	pH	SPECIFIC CONDUCTIVITY (µS/cm)
				Before Sample	After Sample				
BACKGROUND WELLS									
GW-01	0908	0920	58.03	50.43	50.63	15	16.8	7.09	2.49
GW-02	0819	0836	53.10	45.36	45.51	18	17.0	7.02	2.35
GW-11	0600	0700	128.06	52.94	55.69	153	16.7	7.06	2.45
GW-32	0850	0950	125.30	51.39	51.88	150	16.6	7.33	1117
POINT OF COMPLIANCE WELLS									
GW-22	0518	0529	78.14	69.51	69.74	18	17.4	6.82	2.38
GW-23	—	—	—	—	—	—	—	—	—
GW-26	1330	1351	63.00	53.49	53.59	21	18.4	6.92	2.44
NEAR-SOURCE DETECTION WELLS									
GW-10	0730	0738	58.19	52.42	52.75	12	17.1	6.97	2.15
GW-33	—	—	—	—	—	—	—	—	—
VERIFICATION WELLS									
GW-27	1245	1255	63.10	54.28	55.05	18	17.7	6.83	2.51
GW-29	1155	1205	63.36	54.94	56.03	18	18.0	7.03	2.41
GW-30	1030	1110	93.36	55.33	56.00	78	17.4	7.04	2.15
NOTE:									

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TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-32 Site: WDI

Purge Method: Sub Project No.: 156626

Depth to Water (feet): 51.39 Depth to Product: —

Total Well Depth (feet): 125.30 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 73.91 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 66.17 Well Casing Volume[1] (gallons): 50

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
0850			50	1141	16.2	7.14
			100	1131	16.4	7.24
	0950		150	1117	16.6	7.33

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
51.88	150 gallons	1000

Comments:

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

(1)

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TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-30 Site: WDI

Purge Method: Sub Project No.: 156626

Depth to Water (feet): 55.33 Depth to Product: —

Total Well Depth (feet): 93.36 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 38.03 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 62.93 Well Casing Volume[1] (gallons): 26

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
1030			26	2.12	17.7	7.08
			52	2.13	17.6	7.13
	1110		78	2.15	17.4	7.04

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
56.00	78	1124

Comments:

took dup @ 1134

(2)

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-29 Site: WDI

Purge Method: SUB Project No.: 156626

Depth to Water (feet): 54.94 Depth to Product: —

Total Well Depth (feet): 63.66 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 8.72 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 56.68 Well Casing Volume[1] (gallons): 6

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
1155			6	2.43	17.8	7.08
			12	2.42	18.0	7.10
	1205		18	2.41	18.0	7.03

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
56.03	18 gallons	1215

Comments:

(3)

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-27 Site: WDI

Purge Method: SUB Project No.: 156626

Depth to Water (feet): 54.28 Depth to Product: —

Total Well Depth (feet): 63.10 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 8.82 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 56.04 Well Casing Volume[1] (gallons): 6

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
1245			6	2.59	17.9	6.90
			12	2.52	17.9	6.88
	1255		18	2.51	17.7	6.83

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
55.05	18 gallons	1310

Comments:

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

4

TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-26 Site: WDI

Purge Method: SUB Project No.: 156626

Depth to Water (feet): 53.49 Depth to Product: —

Total Well Depth (feet): 63.00 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 9.51 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 55.39 Well Casing Volume[1] (gallons): 7

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
1330			7	2.43	18.0	6.90
			14	2.45	18.1	6.93
	1351		21	2.44	18.4	6.92

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
53.59	21 gallons	1410

Comments:

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

5

TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-22 Site: WDI

Purge Method: SUB Project No.: 156626

Depth to Water (feet): 69.51 Depth to Product: —

Total Well Depth (feet): 78.14 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 8.63 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 71.23 Well Casing Volume[1] (gallons): 6

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
0518			6	2.39	16.9	6.64
			12	2.40	17.2	6.75
	0529		18	2.38	17.4	6.82

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
69.74	18 gallons	0540

Comments:

(6)

[1] Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-11 Site: WDI

Purge Method: SUB Project No.: 156626

Depth to Water (feet): 52.94 Depth to Product: —

Total Well Depth (feet): 128.06 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 75.12 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 67.96 Well Casing Volume[1] (gallons): 51

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
0600			51	2.44	16.3	7.02
			102	2.41	16.8	6.99
	0700		153	2.45	16.7	7.06

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
55.69	153 gallons	0710

Comments:

Dup taken at 0719

[1] Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

7

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TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-10 Site: WDI

Purge Method: SUB Project No.: 156626

Depth to Water (feet): 52.42 Depth to Product: —

Total Well Depth (feet): 58.19 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 5.77 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 53.57 Well Casing Volume[1] (gallons): 4

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
0730			4	2.13	16.7	7.04
			8	2.11	16.6	7.02
	0738		12	2.15	17.1	6.97

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
52.75	12	0748

Comments:

(8)

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-02 Site: WDI

Purge Method: SUb Project No.: 156626

Depth to Water (feet): 45.36 Depth to Product: —

Total Well Depth (feet): 53.10 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 7.74 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 46.90 Well Casing Volume[1] (gallons): 6

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
0819			6	2.42	16.2	7.12
			12	2.38	16.4	7.07
	0836		18	2.35	17.0	7.02

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
45.51	18 gallons	0846

Comments:

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

9

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TABLE E.1
GROUND WATER SAMPLING FIELD NOTES

Well No.: GW-01 Site: WDI

Purge Method: SUB Project No.: 156626

Depth to Water (feet): 50.43 Depth to Product: —

Total Well Depth (feet): 58.03 LPH & Water Recovered (gallons): —

Height of Water Column (feet): 7.60 Well Casing Diameter (inches): 4"

80% Recharge Depth (feet): 51.95 Well Casing Volume[1] (gallons): 5

Start Time	Stop Time	Depth to Water (feet)	Volume Purged (gallons)	Specific Conductivity (µS/cm)	Temperature (°F)	pH
0908			5	2.51	16.3	7.22
			10	2.52	16.6	7.16
	0920		15	2.49	16.8	7.09

Static Water Level at Time Sampled	Total Volume Purged	Time Sampled
50.63	15 gallons	0937

Comments:

[1]Well casing volume is calculated using one of the following:

$V = 0.0408 \times H \times D^2$

H = Height of water column (in feet)

D = Diameter of well casing (in inches)

OR

V = H x CF

H = Height of Water Column (in feet)

CF = number associated with corresponding well casing diameter using the following conversion table:

Well Casing Diameter (inches)	Conversion Factor (Gallons per foot of well casing)
1.0	0.04
2.0	0.16
3.0	0.37
4.0	0.65
5.0	1.02
6.0	1.47
8.0	2.61
10.0	4.08
12.0	5.88

10

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STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 4/01/09 SITE ID: WDI

TECH: ES CALLED SUPERVISOR: YES / NO

CALLED PM: YES / NO NAME OF PM:

WELL ID: GW-33 - well is dry

WELL ID: GW-23 - well is dry

WELL ID:

TRC

METER CALIBRATION LOG

CLIENT NAME: _____

SITE #: WDI

LOCATION: Santa Fe Springs

METER BRAND NAME: Oakton

METER MODEL #: 401

ALTON METER #: 401

CALIBRATION STANDARD EXP. DATE: 2009

CALIBRATED BY: E SANCHEZ

DATE: 4/02/09

METER BRAND NAME: _____

METER MODEL #: _____

ALTON METER #: _____

CALIBRATION STANDARD EXP. DATE: _____

SITE INITIAL CALIBRATION			*POST SAMPLING STANDARD MEASUREMENTS*		
	Standard	**Final Calibrated Values**		**Standard**	**Measured Values**
pH	4.00	4.00	pH	4.00	
pH	7.00	7.00	pH	7.00	
pH	10.00	10.00	pH	10.00	
Conductivity	1000		Conductivity	1000	
Conductivity	10000	10,000	Conductivity	10000	
Turbidity	1.0		Turbidity	1.0	
Turbidity	10.0		Turbidity	10.0	

REMARKS:

SIGNATURE: Edmund Sanchez

FIELD REPORT - DRUM INVENTORY

Project Number: 156626 Date: 4/01-02/09

Site/Station I.D. WDI

Address: 9905 S. Greenleaf; Santa Fe Springs

Active Station? _____

Drums Needed: 10 Drums Used: 10

Drums Empty: _____ Drums Full: 10

Drums Labeled: 4 Not Labeled: _____

Total Gallons for Today: 501

Field Notes: Drums left onsite

Drums needed for next event: _____ Scheduled for: _____

Special Instructions: _____

ES

METER CALIBRATION LOG

CLIENT NAME: _____

SITE #: WDI

LOCATION: Santa Fe Springs

METER BRAND NAME: Oakton

METER MODEL #: 401

ALTON METER #: 401

CALIBRATION STANDARD EXP. DATE: 2009

CALIBRATED BY: ED SANCHEZ

DATE: 4/01/09

METER BRAND NAME: _____

METER MODEL #: _____

ALTON METER #: _____

CALIBRATION STANDARD EXP. DATE: _____

SITE INITIAL CALIBRATION			*POST SAMPLING STANDARD MEASUREMENTS*		
	Standard	**Final Calibrated Values**		**Standard**	**Measured Values**
pH	4.00	4.00	pH	4.00	
pH	7.00	7.00	pH	7.00	
pH	10.00	10.00	pH	10.00	
Conductivity	1000		Conductivity	1000	
Conductivity	10000	10,000	Conductivity	10000	
Turbidity	1.0		Turbidity	1.0	
Turbidity	10.0		Turbidity	10.0	

REMARKS:

SIGNATURE: Edmund Sanchez

APPENDIX B.6

GROUND WATER MONITORING WELL
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
ESANCHEZ	Edna Sanchez	0500	4/01/09

WELL ID	WELLHEAD (Well box cover and concrete)	WELL LOCK	WELL CASING	EROSION AROUND WELL	COMMENTS	CHECK (√) WHEN INSPECTED
GW-01	Foundation Damaged	Y	OK	OK	Foundation Damaged	✓
GW-02	OK	Y	OK	OK		✓
GW-10	OK	Y	OK	OK		✓
GW-11	OK	Y	OK	OK		✓
GW-22	OK	Y	OK	OK		✓
GW-23	OK	Y	OK	OK		✓
GW-26	OK	Y	OK	OK		✓
GW-27	OK	Y	OK	OK		✓
GW-29	OK	Y	OK	OK		✓
GW-30	OK	Y	OK	OK		✓
GW-32	OK	Y	OK	OK		✓
GW-33	OK	Y	OK	OK		✓

APPENDIX A.6

VAPOR WELL MONITORING AND INSPECTION DATA SHEETS

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/11/08

TECHNICIAN: DAVE ACKER.

LFG INSTRUMENT – MODEL NO.: Gem 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000

LFG INSTRUMENT – SERIAL NO.: GMC 7909 PID/FID INSTRUMENT – SERIAL NO.: T3223-373

AMBIENT AIR TEMPERATURE @ START: 67 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.8 in Hg

AMBIENT AIR TEMPERATURE @ END: 88. °F AMBIENT BAROMETRIC PRESSURE @ END: 29.8 in Hg

WEATHER: CLEAR

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ ____ LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S	12:58	10	0.055	80°	0.01	0.0	5.1	14.6	0.00	2.3	0.0	5.0	14.6	0.0	-30	+5	0
VW-29-I	12:56	23	0.125	80°	0.017	00.0	06.3	11.8	0.00	5.5	0.0	7.9	8.3	0.0	+30	+5	.10
VW-29-D	1101	35	0.191	80°	.30	000	8.4	7.7	0.42	8.	0.0	8.8	6.3	.24	-30	+5	.23
VW-31-S	10:57	10 ft	0.055	65°	Ø	Ø.Ø	5.5	15.0	1.4	2.32	000.0	05.1	15.5	.66	+30	+5	0
VW-31-D	10:00	30 ft	0.164	65°	Ø	Ø.Ø	.1	20.6	2.2	7.00	.70	.8	202	0.0	-30	+5	0
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S																	
VW-38-D																	
VW-39-S																	
VW-39-D																	
VW-41-S																	
VW-41-D																	
VW-42-S		10															
VW-42-D		30															

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

VW31 dup.

TRC
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APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/12/08

TECHNICIAN: DAVE ACKER

LFG INSTRUMENT – MODEL NO.: Gem 2000 PID/FID INSTRUMENT – MODEL NO.: TV 1000 B

LFG INSTRUMENT – SERIAL NO.: GM07948605 PID/FID INSTRUMENT – SERIAL NO.: 73273-323

AMBIENT AIR TEMPERATURE @ START: 67 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.76 in Hg

AMBIENT AIR TEMPERATURE @ END: _____ °F AMBIENT BAROMETRIC PRESSURE @ END: _____ in Hg

WEATHER: OVER CAST

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ ____ LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S																	
VW-38-D																	
VW-39-S																	
VW-39-D																	
VW-41-S																	
VW-41-D																	
VW-42-S	9:18	10 ft	0.055	77	+0.01	00.2	06.7	20.9	4052	2.32	00.0	07.9	12.0	40.18	30	4.0	-0.1
VW-42-D	9:17	30 ft	0.165	77	+0.04	00.2	10.5	08.9	1846	7.0	00.0	10.4	08.9	10.46	30	5.0	+0.01

VW 42 S = dup

30 5.0

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ ___ LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S																	
VW-30-I																	
VW-30-D																	
VW-35-S																	
VW-35-D																	
VW-46-S																	
VW-46-I																	
VW-46-D																	
VW-49-S																	
VW-49-I																	
VW-49-D																	
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S	1pm	10	.027	68	0	00.0	8.0	21.0	0	2.00	00.0	0.1	21	0	30	5	0
VW-55-I	2p	20	.098	68	0	00.0	1.0	20.9		4.00	00.0	0.1	20.8	0	30	5	0
VW-55-D	2p	30	.156	68	0	00.0	16.9	21.0	0	8.00	00.0	0.1	21.0	0	30	5	0
VW-56-S	1pm	25	.045	59.9	0	00.0	0.1	21	0	1.35	00.0	0.1	21	0	30	5	0
VW-56-I	1pm	17	.091	59.9	0	00.0	0.1	21	0	5.0	00.0	0.1	21	0	29	5	0
VW-56-D	1pm	25	.453	59.9	0	00.0	0.1	21	0	2.0	00.0	0.1	21	0	30	5	0
VW-58-S																	
VW-58-I																	
VW-58-D																	
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	

12/10 *

NOTES: * Duplicate Need 2 New Values For VW 55

W:\1990s\1994\RM-06-22-05_WDI_OMMP\Appendix B\RM_-06-022-05_WDI_Final Draft_OMMP_Appendix B.14.doc (7/7/05/rm)

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

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APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-13-08

TECHNICIAN: Andy Candelaria

LFG INSTRUMENT – MODEL NO.: GEM 2000

LFG INSTRUMENT – SERIAL NO.: GM07909/05

PID/FID INSTRUMENT – MODEL NO.: TVA-1000B

PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: [illegible]65°F AMBIENT BAROMETRIC PRESSURE @ START: 29.56 in Hg

AMBIENT AIR TEMPERATURE @ END: 59.9 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.59 in Hg

WEATHER: overcast - windy.

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S		~~105~~ 10'	0.055	60	0.0	0.0	9.2	9.4	12.31	2.32	0.0	0.0	20.2	2.46	29.	8.0	0.0
VW-38-D		~~156~~ 34'	0.186	60	0.0	0.0	10.8	0	129	8.00	0.0	10.6	0	109.	29.	11.0	0.0
VW-39-S		7'	0.035	60	0.0	0.0	6.9	11.3	2.93	2.00	0.0	7.0	11.6	2.87	29.	8.75	0.0
VW-39-D		30'	0.164	60	0.0	0.0	6.1	10.1	1.77	7.00	0.0	10.2	2.7	.90	29.	8.5	0.0
VW-41-S																	
VW-41-D																	
VW-42-S																	
VW-42-D																	

VW 38 DAC

29. 9.25

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

TRC
Customer-Focused Solutions

12-14-08
Andy Candelaria
Start temp - 67.1°F
END. temp - 77.9°F

Start Barometric psi ⇒ 29.71" Hg.
END 2 " -" ⇒ 29.74

Lantec Gem 2000 PID-TVA 1000B
Serial# GEM07309/05 Serial# 7327-373

APPENDIX B.14
SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25D		35	0.191	65	0.0	0.3	18.1	0	.08	3.1	0.2	18.0	0	.45	29.	8.0	0.0
VW-30-S																	
VW-30-I																	
VW-30-D																	
VW-35-S																	
VW-35-D																	
VW-46-S		6.5	0.035	56	0.0	1.2	2.3	*0.0	.24	2.0	1.3	1.9	0.5	.05	29.1	8.0	-.22
VW-46-I		15	0.082	56	-.18	0.1	2.1	19.4	.21	3.5	0.1	12.1	3.1	.06	29.0	7.0	-.18
VW-46-D		27	0.148	56	-.17	0.1	0.2	20.6	.03	6.0	0.1	11.5	3.5	.07	29.0	8.0	-.18
VW-49-S																	
VW-49-I																	
VW-49-D																	
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
VW-58-S																	
VW-58-I																	
VW-58-D																	
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	

NOTES:
VW46SAC / 29.0 8.25

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).
(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

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APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-29-08

TECHNICIAN: Andy Candelaria

LFG INSTRUMENT – MODEL NO.: Landtec Gem 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000B

LFG INSTRUMENT – SERIAL NO.: GM07705/05 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 66.2 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.77 in Hg

AMBIENT AIR TEMPERATURE @ END: 95.0 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.80 in Hg

WEATHER:

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S	1030	10'	0.055	84°	+0.0	0.0	7.6	13.2	.16	2.32	0.0	7.4	13.0	1.72	29.0	5.5	+0.01
VW-34-I	1030	23'	0.126	84	+0.18	0.0	5.2	148	.02	5.5	0.0	6.8	11.7	.27	29.0	7.0	+0.09
VW-34-D	1030	40'	0.219	84°	+0.0	0.0	7.9	93	170.	9.3	0.0	12.2	3.2	54.30	29.0	8.0	+0.13
VW-36-S																	
VW-36-D																	
VW-37-S																	
VW-37-D																	
VW-38-S		[illegible]'			[illegible]				[illegible]								
VW-38-D		[illegible]'			[illegible]												
VW-39-S					[illegible]												
VW-39-D																	
VW-41-S																	
VW-41-D																	
VW-42-S																	
VW-42-D																	

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

TRC
Customer-Focused Solutions

Andy Candelaria
Air temp - start: 66.2
END: 95.8
Barometric pst: start - 29.77
END - 29.80
12-29-08

Lantec
Gem 2000
GM07909/05

TVA 1000B
#73273-373

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2.0 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S																	
VW-30-I																	
VW-30-D																	
VW-35-S	1200	10'	0.055	89°	+0.0	0.0	5.8	14.0	0.08	2.32	0.0	5.7	14.0	0.27	29.0	7.5	+0.04
VW-35-D	1200	38'	0.208	89°	+0.04	0.0	11.1	5.9	2.80	8.6	0.0	11.0	5.9	1.22	29.0	7.0	+0.04
VW-46-S																	
VW-46-I																	
VW-46-D																	
VW-49-S																	
VW-49-I																	
VW-49-D																	
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
VW-58-S	0913	8'	0.044	64°	-0.01	0.2	5.9	16.2	.65	2.0	0.0	5.7	16.2	.73	29.0	5.0	-0.01
VW-58-I	0913	19'	0.104	64°	-0.22	0.1	3.6	19.1	.80	4.5	0.0	13.0	6.7	.63	29.0	0.0	-.24
VW-58-D	0913	29'	0.155	64°	-0.22	0.1	0.2	20.9	.58	6.9	0.0	0.1	21.1	.54	29.0	5.5	-.23
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S																	
VW-62-I																	
VW-62-D																	
NOTES: VW58SAC															29.0	6.6	

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

TRC
Customer-Focused Solutions

APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-5-~~08~~09

TECHNICIAN: DOUG H / Andy Candelaria

LFG INSTRUMENT – MODEL NO.: LANTEC Gem 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000B

LFG INSTRUMENT – SERIAL NO.: GM07909/05 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 62.6 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.80 in Hg 29.85

1-12-09

~~AMBIENT AIR TEMPERATURE @ END: 78.7~~ 71.2 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.80 in Hg 29.85

WEATHER: SUNNY / Sunny

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
VW-36-S																	
VW-36-D																	
VW-37-S	0914	10'	0.055	52	-0.0	0.2	10.5	9.1	.08	2.32	0.1	~~99~~	~~9.0~~	.06	-29.0	-6.0	~~-.02~~
VW-37-D	0914	30'	0.164	58	~~-0.02~~	0.0	0.2	20.5	-06	7.0	0.1	0.2	20.7	.03	-29.0	-7.0	-.17
VW-38-S																	
VW-38-D																	
VW-39-S																	
VW-39-D																	
VW-41-S	1000	7',			.01	00.0	.01	10.8	17.89	2.30	00.0	2.5	18.8	17.2	-30	4	.01
VW-41-D	10.00	20'			.01	00.0	5.4	16.7	12.50	6a15	00.0	4.2	16.9	16.1	-30	7	.01
VW-42-S																	
VW-42-D																	

1-12-09

VW37 DUP

-29.0 -7.6

-30 -3

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

1-12-09 VW 41S - DUP

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APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

1-05-09

1-13-09 - BAR START 29.88 END 29.85

1-20-09 ~~BAR~~ START 29.83 END 29.83

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S	12:00	6	.039	75	0	00.0	2.0	17.6	464	2	00.0	7.2	17.3	175	-29	-5	.01
VW-30-I	12:00	22	.126	75	.11	00.0	1.5	11.5	42.20	5	00.0	11.8	1.7	29.25	-30	-6	.21
VW-30-D	12:00	35	.191	75	.12	00.0	11.9	1.8	64.10	8	00.0	11.8	1.3	18.75	-29	-6	.20
VW-35-S																	
VW-35-D																	
VW-46-S																	
VW-46-I																	
VW-46-D																	
VW-49-S	1024	10	.055	66	-0.0	0.0	1.7	17.0	.45	2.32	0.0	5.2	12.4	54	-29.0	-7.0	-.01
VW-49-I	1024	18	.098	68	-0.01	0.0	0.1	20.6	.42	4.2	0.0	12.0	3.6	26.20	-25.0	-7.50	-.02
VW-49-D	1024	30	.164	70	-0.01	0.0	0.0	20.7	.51	7.0	0.0	9.2	8.0	31.90	-29.0	-6.75	+.06
VW-51-S	1030	8	.044	66	.00	00.0	9.0	20.7	57.27	3.0	00.0	0	20.1	54.28	-30	-5	.01
VW-51-I	1030	18	.098	68	.05	00.0	2.6	20.6	14.69	5.0	00.0	0	19.8	20.74	-30	-5	0
VW-51-D	1030	30	1.64	70	.64	00.0	3.0	20.7	37.27	7.0	00.0	0	20.1	25.83	-30	-5	.14
VW-55-S																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
VW-58-S																	
VW-58-I																	
VW-58-D																	
VW-61-S																	
VW-61-I																	
VW-61-D																	
VW-62-S	10:00	8	.044	67		2.0	12.6	ROADING	48.56	2	1.8	11.8	ROADING	32.57	-30	-4	0
VW-62-I	10:00	18	.098	67	.06	1.9	12.4	2.1	49.79	6	00.0	15.6	ROADING	35.59	-30	-5	.16
VW-62-D	10:00	29	.159	67	.06	1.9	12.2	4.9	32.79	8	00.0	13.8	.7	34.51	-30	-5	.18
NOTES: 1-13-09 DUP VW51I															-30	-5	
1-20-09 DUP VW 62 D - AMBIENT TAKEN TRIP BLANK ALSO															-30	-5	

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

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APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-14-09 | TECHNICIAN: Doug N | LFG INSTRUMENT – MODEL NO.: GM 2000 | PID/FID INSTRUMENT – MODEL NO.: TVA 1000B

LFG INSTRUMENT – SERIAL NO.: GM 7948/05 | PID/FID INSTRUMENT – SERIAL NO.: 73273 3B

AMBIENT AIR TEMPERATURE @ START: 67 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.91 in Hg | WEATHER: SUNNY - HOT

AMBIENT AIR TEMPERATURE @ END: _____ °F AMBIENT BAROMETRIC PRESSURE @ END: _____ in Hg

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ 2 LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
COMPLIANCE VAPOR MONITORING (PERIMETER) WELLS																	
VW-29-S																	
VW-29-I																	
VW-29-D																	
VW-31-S																	
VW-31-D																	
VW-32-S																	
VW-32-I																	
VW-32-D																	
VW-33-S																	
VW-33-D																	
VW-34-S																	
VW-34-I																	
VW-34-D																	
1-14-09 VW-36-S	10:00	10	.055	650	0	00.0	9.3	8.9	234	2:30	00.0	.4	20.6	28.70	30	5	0
VW-36-D	10:00	30	.164	650	0	00.0	.1	20.6	206	7:00	00.0	.5	20.7	32.11	30	6	.06
VW-37-S																	
VW-37-D																	
VW-38-S																	
VW-38-D																	
VW-39-S																	
VW-39-D																	
VW-41-S																	
VW-41-D																	
VW-42-S																	
VW-42-D																	
36D-Duplicate															30	5	

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

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APPENDIX B.14

SOIL VAPOR WELL MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

WELL ID	SAMPLE TIME	VAPOR WELL DEPTH (feet)	WELL VOLUME (cu.ft.)	GAS TEMP (°F)	WELL HEAD STATIC PRESSURE PRE-PURGE (in. H_2O)	PRE-PURGE WELL GAS READINGS (1)				PURGE TIME (min) @ ____ LPM	PURGED WELL GAS READINGS (1)				SUMMA CAN DATA (2)		WELL HEAD STATIC PRESSURE POST-PURGE (in. H_2O)
						CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)		CH_4 (%)	CO_2 (%)	O_2 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
NON-COMPLIANCE VAPOR MONITORING WELLS																	
VW-25																	
VW-30-S																	
VW-30-I																	
VW-30-D																	
VW-35-S																	
VW-35-D																	
VW-46-S																	
VW-46-I																	
VW-46-D																	
VW-49-S																	
VW-49-I																	
VW-49-D																	
VW-51-S																	
VW-51-I																	
VW-51-D																	
VW-55-S																	
VW-55-I																	
VW-55-D																	
VW-56-S																	
VW-56-I																	
VW-56-D																	
VW-58-S																	
VW-58-I																	
VW-58-D																	
VW-61-S	1240	7	.082	80	.21	00.0	12.6	4.2	18.06	3	00.0	16.2	.7	6.80	30	7	0
VW-61-I	1240	16	.136	80	0	000	.1	20.6	35.28	5	00.0	16.1	4.5	.75	30	7	0
VW-61-D	1240	30	.190	80	.120	00.0	16.3	17.4	18.06	8	00.0	16.3	Display	2.25	30	5	3.8
VW-62-S																	
VW-62-I																	
VW-62-D																	

1-14-09

NOTES: TRIP BLANK TAKEN - 1-14-09

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO, CH_4, CO_2 and O_2)

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.33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 156626	DATE: 12/11/08
LOCATION:	WEATHER:	DAY: Thurs.
CONTRACTOR:	FOREMAN: Doug Haxton	
FIELD TECHNICIAN: Dave Acker	INSPECTION/TESTING OF: Vapor Well Sampling	

SUMMARY OF OPERATIONS:

6:00 Go get Generator at PDQ
7:10 Calibrate equipment + prepare equipment
9:30 Work on VW-31
took samples. see COC. + sheet B14

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

APPENDIX A.7

STORMWATER DRAINAGE SYSTEM O&M INSPECTION SHEET

APPENDIX B.8

STORM DRAINAGE SYSTEM[1]
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTORS NAME	INSPECTORS SIGNATURE	INSPECTION TIME	INSPECTION DATE
Andy Candelaria	AMC	0900	3-12-08

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Catch Basin (near east corner)	SOME SEDIMENT IN BASIN	✓
Excessive Sediment Build-up	NO	✓
Excessive Vegetation Growth	YES	✓
Drain Pipe from French Drain (Blockage, liquid flow)	NO [redacted] DRAIN PIPE NOTED, DUE TO OVERGROWTH.	✓
Cleanouts for Drainage Trench Collection Pipe (Ring and cover condition, blockage)	CLEANOUTS FOUND TWO - GOOD CONDITIONS.	✓
Erosion	NO	✓

(1) Inspector shall check all drainage courses and outfalls and report observations on this form.

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APPENDIX B.8

STORM DRAINAGE SYSTEM[1]
O&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE
(Continued)

ITEM OF POTENTIAL CONCERN	COMMENTS	CHECK (√) WHEN INSPECTED
Settlement	NONE NOTED	✓
Cracks	NONE NOTED	✓
Other:	SILT FENCE ON PERIMETER FENCE PARTIALLY DOWN. SAND BAGS TORN ALONG PERIMETER FENCE LINE	✓
Other:	SW3, SW4, SW5, SW6	✓

(1) Inspector shall check all drainage courses and outfalls and report observations on this form.

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3/12/08 PR

APPENDIX A.8

LEACHATE COLLECTION WELL MONITORING AND INSPECTION DATA SHEETS

LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-6-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE:

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL - [TOTAL DEPTH] (ft):	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL - (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT[1] (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT[2] (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg	2nd Rdg	3rd Rdg							
LC-2	22.25	6:30	280 gal							12460	OFF	0	
LC-4	22.20	7:00	225 gal							12190	OFF	0	

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-6-08

TECHNICIAN NAME: Doug Hayton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	7:30	8:00									3 gal	Batteries in interface
LC-3	22.20	22.2	8:00	8:30									0	Dead

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DAILY FIELD REPORT

Job Name: WDI	Project Number: 156626	Date: 10-6-08
Location: SFS	Weather: Dark + Damp	Day: MON
Staff: Doug A	Reason For Site Visit: Site Inspection	

Check where applicable and provide brief description of condition:

☐ Power Poles: ☑ Compound: ☑ Vacant Lot:

☑ Lock on Fence:. ☑ Drums on Site (contents & date):

☑ Visual Inspection of External Well Heads:

On site 6 AM - Trained Air comp
checked LC2 & LC4 pumps are Discharging
went to use interface probe - NOT working
suspect battery DEAD - will replace today
Bailed Approx 3 gal from LC1 - 6 from LC3
checked sprinklers - They are working
checked perimeter - Looks good left site
9:30 -

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	630-830	10-6-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-16-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25	6:30	305 gal					25	0	12829	OFF	0	
LC-4	22.20	7:00	230 gal					5	0	12202	OFF	0	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-16-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	7:30	7:35	13.0								Approx 3-5 gal	DTP 13 DTW 13.02
LC-3	22.20	22.2	7:40	7:50	20.90								0	DTW 20.90

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DAILY FIELD REPORT

Job Name: WDI	Project Number: 15622	Date: 10-16-08
Location: SFS	Weather: SUNNY	Day: Thur
Staff: Doug H	Reason For Site Visit: SITE INSPECTION MEET Surveyors	

Check where applicable and provide brief description of condition:

☑ Power Poles: ☐ Compound: ☐ Vacant Lot:

☑ Lock on Fence:. ☑ Drums on Site (contents & date):

☑ Visual Inspection of External Well Heads:

ON SITE 6 AM DRAINED Air comp
checked LC2 & LC4 - pumps Are working.
BAILED - Approx 3.5 gal From LC 1
DTP WAS 13.00 DTW WAS 13.02
guaged LC3 DTW 20.90 · NO MEASUREABLE PRODUCT
Surveyors ON SITE 8:30 A - They LEFT AT 9:30
TURNED ON SPRINKLERS TO SOAK WEED'S For LANDSCAPERS.
For FRI - 10-17-08 - LEFT SITE - MOD TO EXPO LINE
10:30 RETURNED TO WDI ground STILL NOT
SOAKED Thourghly - Let SprinKlers RUN - LEFT
SITE 1 pm - shut SprinKlers OFF

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6:30	10-16-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (✓) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present In Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-20-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(1) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25	630	315 gal					15 gal	0	12963	OFF	0	
LC-4	22.20	700	240 gal					10 gal	0	12217	OFF	0	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-20-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	800	830	DTP 13.9	DTW 14.1							Approx 3.5 gal	
LC-3	22.20	22.2	845	915	DTW 20.90	—							0	

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DAILY FIELD REPORT

Job Name: WDI	Project Number: 156626	Date: 10.20.08
Location: SFS	Weather: SUNNY	Day: MON
Staff: Doug W	Reason For Site Visit: SITE INSPECTION	

Check where applicable and provide brief description of condition:

- [x] Power Poles:
- [x] Compound:
- [x] Vacant Lot:
- [x] Lock on Fence:.
- [ ] Drums on Site (contents & date):
- [x] Visual Inspection of External Well Heads:

ON SITE 6A- DRAIN AIR COMPRESSOR - CHECKED LC2 + LC4 PUMPS WORKING. GUAGED LC1 - BAILED APPROX 3.5 GAL GUAGED LC3 DTP-0 DTW 20.90 - DID NOT BAIL CHECKED SPRINKLERS - OK. CHECKED PERIMETER OK. LEFT SITE 9:15 A

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	9A	10-20-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

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DEC. 18. 2007 9:39AM TRC ALTON 949 753 0111 NO. 0283 P. 2

LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-31-08

TECHNICIAN NAME: DOUG MAXTON TECHNICIAN SIGNATURE:

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25	1230	340					20	0	13329	OFF	0	
LC-4	22.20	1P	250					10	0	12025	OFF	0	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 10-31-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	1:30								13.3		Approx 3.5 gal	
LC-3	22.20	22.2	2:00								20.83		~~APP~~ Ø	

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DAILY FIELD REPORT

Job Name: WDF	Project Number: 156626	Date: 10-31-08
Location: SFS	Weather: SUNNY	Day: FRI
Staff: DOUG HAXTON	Reason For Site Visit: SITE INSPECTION	

Check where applicable and provide brief description of condition:

- [x] Power Poles:
- [x] Compound:
- [x] Vacant Lot:
- [x] Lock on Fence:
- [x] Drums on Site (contents & date):
- [x] Visual Inspection of External Well Heads:

ON SITE 12 pm
checked Lc2 + Lc4 - Drained Air comp
guaged Lc1 Bailed Approx 3.5 gal Liquid
guaged Lc3 Bailed Ø Liquid interface
indicated Ø product - Turned on sprinklers
working Fine - checked perimeter - Every thing
Looks good - RAN OUT OF goffer pellets -
will pick up For Next visit - Have - 2
55 gal Drums on site - of Bailed Liquid -
who Ever was on site - since - 10-27-08
Put our Lock on Backward - Added New Lock.

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug HAXTON	[signature]	1230P	10-31-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11-4-08

TECHNICIAN NAME: Doug Maxton TECHNICIAN SIGNATURE:

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25	1000	350					15	0	13520	OFF	0	
LC-4	22.20	1040	260					10	0	12248	OFF	0	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11-4-08

TECHNICIAN NAME: DOUG HAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.20	11:10								13.0		APPROX 3.5 gal	
LC-3	22.20	22.20	11:40								20.80		0	

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DAILY FIELD REPORT

Job Name: WDF	Project Number: 156626	Date: 11-4-08
Location: SFS	Weather: SUNNY	Day: TUE
Staff: Doug Whatton	Reason For Site Visit: SITE INSPECTION	

Check where applicable and provide brief description of condition:

- ☑ Power Poles:
- ☐ Compound:
- ☑ Vacant Lot:
- ☑ Lock on Fence:
- ☑ Drums on Site (contents & date):
- ☑ Visual Inspection of External Well Heads:

ON SITE 930 AM checked compound
Drained Air comp - checked - LC2 + LC4 -
pumps working LC 4 counter does NOT appear to be
working - Right - Bailed approx 35 gal Liquid from
LC1 - & From LC3 - Turned on sprinklers - Adjusted
working good - 2 drums on site - Full - 55 gal Each
From bailing LC1 + LC2 - 7 Drums Left -
From 12-4-07 - Left -
16 - Empty Drums -

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	10:00	11-4-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11-14-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25	10A	375					25	375	13906	OFF	0	
LC-4	22.20	11 A	290					30	290	12270	OFF	0	

[illegible]

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11-14-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	8A	830	13.3	14.85	16.30	14.85	16.30	17.8	7.9	4.4	Approx 3.5	
LC-3	22.20	22.2	830	9	20.7	21.05	21.35	21.05	21.35	21.45	1.5	.75	Approx 1 gal	

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DAILY FIELD REPORT

JOB NAME: WDF	PROJECT NUMBER: 156626	DATE: 11.4.08
LOCATION: SFS	WEATHER: SUNNY	DAY: FRI
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: DOUG HAXTON	INSPECTION/TESTING OF: O+M - SITE INSPECTION - PUMP OUT TANKS + DRUMS WITH ECI	

SUMMARY OF OPERATIONS:

ON SITE 7:30 AM DRAINED AIR COMP
QUAGED AND BAILED LC1 - APPROX 3.5 GAL
GUAGED AND BAILED LC3 - APPROX 10 GAL
ECI ON SITE AT 8:45 - STARTED PUMPING OUT TANK - LC2 -
9:15 KEN ARRIVES ON SITE - HE STAYS WITH ECI -
I CONTINUE O+M. LC 2 + LC 4 PUMPS ARE WORKING, COUNTER ON LC4 NOT WORKING RIGHT
AROUND 10 - 10:30 ECI QUIT PUMPING OUT LC4 TANK - THEIR TANK HAD A DRIP - CALLED FOR NEW ONES
CHECKED PERIMETER - LOOKED GOOD - CHECKED - SPRINKLER WATER HAS BEEN SHUT OFF. NOTIFIED TOM GREENE AND KEN -
11-1130 NEW TANKS ARRIVE ECI FINISHED PUMPING OUT LC 4 - AND BEGAN PUMPING OUT LEACHATE DRUMS - TALKED WITH TOM G + KEN ABOUT LANDSCAPE + GARDENS - ECI FINISHED AT 12:30P
LEFT SITE AT 1P

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

30- J-33 REV.08/22/03

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Waxton	[signature]	9 A	11-14-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11-18-08

TECHNICIAN NAME: DOUG HAXTON TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL (TOTAL DEPTH) (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		20					20		14054	OFF	0	
LC-4	22.20		10					10		12333	OFF	0	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11-18-08

TECHNICIAN NAME: Doug HAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	9:00	9:45	14.2	15.7	17.15	15.7	17.15	18.65	8	3.55	Approx 3.5	
LC-3	22.20	22.2	10:00	10:30	21.38	21.58	21.70	21.58	21.70	21.80	.62	.40	1 QT	

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DAILY FIELD REPORT

JOB NAME: WPI	PROJECT NUMBER: 15626	DATE: 11.18.08
LOCATION: SFS	WEATHER: SUNNY	DAY: Tue
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: DOUG MAXTON	INSPECTION/TESTING OF: SITE INSPECTION	

SUMMARY OF OPERATIONS:

ON SITE 7130 A Checked ENCLOSURE
DRAINED Air comp
checked LC2 & LC4 - LC2 WORKING OK
LC 4 - COUNTER SEEMS TO BE WORKING AGAIN ?
GAGED AND BAILED LC-1 Approx 3.5 GAL
GAGED AND BAILED LC-3 Approx 1 QT
checked perimeter - WATER STILL OFF
ON SPRINKLERS - LANDSCAPE DOES NOT LOOK
TO BAD - LEFT SITE 11 A

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug HAYTON	[signature]	7:00 A	11-18-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (✓) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11.24.08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE PROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		49 gal					20	0	14268	OFF	0	
LC-4	22.20		20 gal					10	0	12401	OFF	0	

W:\Winter\OpMain\Monitoring\Leachate Collection\Weekly Work Plan\Field Forms\February 2007\Feb 2007 LC-2 and LC-4 BAILING.doc

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 11-24-08

TECHNICIAN NAME: Doug HAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	8A	840	14.55	15.75	17.10	15.75	17.10	18.69	7.85	3.51	Approx 3.5	
LC-3	22.20	22.2	850	910	21.62	21.77	21.82	21.77	21.82	21.90	.58	.3	Approx 1 PINT	

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DAILY FIELD REPORT

JOB NAME: WDF	PROJECT NUMBER: 159723	DATE: 11.24.08
LOCATION: SFS	WEATHER: SUNNY	DAY: MON
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug HAXTON	INSPECTION/TESTING OF: SITE INSPECTION	

SUMMARY OF OPERATIONS:

ON SITE 6 AM
DRAINED Air comp
check LC 2 + LC 4 pumps are working
guaged AND BAILED LC1 - Approx 3.5 gal
guaged AND BAILED LC 3 Approx 1 pint
gARDENERS ON SITE 8:10 AM
pulling weeds-
checked sprinklers - OK
LEFT SITE 9:30 A

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton		6A	11-24-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		√
Well Casing and Cap/Plug	OK	OK	OK	OK		√
Liquid Present in Well Box	NO	NO	NO	NO		√
Other:						
Other:						
Other:						

TRC
Customer Focused Solutions

LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/1/08

TECHNICIAN NAME: Doug Waxton TECHNICIAN SIGNATURE:

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL - (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2)(gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		50					10	0	14499	OFF	1"	
LC-4	21.20		30					10	0	12425	OFF	1"	

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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Customer Focused Solutions

LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-1-08

TECHNICIAN NAME: Doug Naxton

TECHNICIAN SIGNATURE: [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	9:00	930	14.60	16.20	17.80	16.20	17.80	19.20	7.6	3	Approx 3.5	
LC-3	22.20	22.2	10:00	1080	21.65	21.80	21.88	21.80	21.88	21.92	.55	.28	1 PINT	

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LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Naxton	[signature]	6A	12/1/08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	NO	NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/8/08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		60					10	0	14758	OFF	1"	
LC-4	22.20		40					10	0	12448	OFF	1"	

[illegible]

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/8/08

TECHNICIAN NAME: DOUG HAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	7:30	8:00	14.94	16.65	18.00	16.65	18.00	19.46	7.06	2.54	Approx 3 gal.	
LC-3	22.20	22.2	8:00	8:30	21.75	21.90	21.92	21.90	21.92	21.95	.25	.05	1 PINT	

[illegible]

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LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6A	12/8/08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (✓) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	Approx 1/2 water	OK	OK	OK		✓
Other:						
Other:						
Other:						

[illegible]

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 156626	DATE: 12/8/08
LOCATION: SFS	WEATHER: cool / sunny	DAY: MON
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Haxton	INSPECTION/TESTING OF: Site - Security Safety - LC wells	

SUMMARY OF OPERATIONS:

ON SITE 6 AM
DRAINED Air comp -
checked LC 2 + LC 4 - pumps working
checked sprinklers - working good
checked perimeter - Looks good -
guaged + Bailed LC1 - Approx 3 gal
guaged + Bailed LC3 Approx 1 pint
Ken - Arrived ~ 10:00 A - walked site
to establish new stromwater sampling
sites - Tom G + Anand also present
Left site 11:30

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-15-08

TECHNICIAN NAME: DOUG HAXTON TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		70					10	0	15044	OFF	2"	
LC-4	22.20		45-50					5-10	0	12455	OFF	2"	

[illegible]

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-15-08

TECHNICIAN NAME: DOUG HAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	8:00	8:30	14.9	14.9	14.9	20.5	20.5	20.5	7.3	1.7	Approx 5 gal	
LC-3	22.20	22.2	8:30	9:00	21.7	21.7	21.7	21.9	21.9	21.9	.5	.3	Approx 1 PINT	

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30. -30 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 156126	DATE: 12-15-08
LOCATION: SFS	WEATHER: RAIN + cold	DAY: MON
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Naxton	INSPECTION/TESTING OF: pick up samples IBM 24 + Equipment Rental place LC wells	

SUMMARY OF OPERATIONS:

On site 7am - Drawed Air comp-
checked LC2 + LC4 pumps are working
Quaged LC1 Failed approx 5 gal
quaged LC4 Failed approx pint
checked perimeter looks good
Sprinklers are working fine
9:30 picked up sumals at Mersits #28
10:00 picked up samples at IBM 24
10:30 packed samples from Mersits #28
No chain of custody for 24
Left site 11 am

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	7A	12-15-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	A Little Rain Water	OK NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-23-08

TECHNICIAN NAME: Doug Naxton

TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL (TOTAL DEPTH) (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		80					10	0	15348	OFF	4"	
LC-4	22.20		55					10	0	12455	OFF	4"	

[illegible]

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-23-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	700	730	15.2	15.2	15.2	20.6	20.6	20.6	7	1.6		
LC-3	22.20	22.2	730	800	21.6	21.6	21.6	21.92	21.92	21.92	.4	.26		

[illegible]

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DAILY FIELD REPORT

JOB NAME: WDF	PROJECT NUMBER: 165269	DATE: 12-23-08
LOCATION: SFS	WEATHER: COOL - WET	DAY: TUE
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: DOUG HAXTON	INSPECTION/TESTING OF: LC WELLS	

SUMMARY OF OPERATIONS:

ON SITE 6AM - DRAINED AIR COMP
CHECKED LC 2 & LC 4
PUMPS - WORKING OK
GUAGED AND BAILED LC 1 - APPROX 5 GAL
GUAGED AND BAILED LC 3 - APPROX 1 PINT
CHECKED PERIMETER OK
SPRINKLERS OK
LEFT SITE 10:30

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6 A	12-23-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (✓) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	Little Water	NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-31-08

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		100 gal					20 gal	0	15615	OFF	4"	
LC-4	22.20		60 gal					5 gal	0	12470	OFF	4"	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-31-08

TECHNICIAN NAME: Doug Haxton

TECHNICIAN SIGNATURE: [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	7:00	7:30	14.9	14.9	14.7	21.4	21.4	21.4	7.3	.8	approx 5 gal	
LC-3	22.20	22.2	7:30	800	21.47	21.47	21.47	21.75	21.75	21.75	.46	.45	approx 1 pint	

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TRC
Technical Resource Solutions

30 -33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 12-31-08
LOCATION: SFS	WEATHER: cool - overcast	DAY: WED
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Hayton	INSPECTION/TESTING OF: site inspection	

SUMMARY OF OPERATIONS:

on site 6 Am
Drained Air comp. checked controll panel
Checked Lc 2 + Lc 4 - pumps working
counters working
guaged + Bailed Lc 1 - Approx 5 gal
guaged + Bailed Lc 3 Approx 1 pint
checked sprinklers - working Fine
checked perimeter looks good
Left site 930 Am

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DAILY FIELD REPORT

WASTE DISPOSAL, INC
SANTA FE SPRINGS, CA

TRC

FIGURE J 1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6 AM	12-31-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (✓) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	Yes	NO	NO	NO	NEED ABSORBENT PADS	✓
Other:						
Other:						
Other:						

[illegible]

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Customer Focused Solutions

LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-7-09

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL (TOTAL DEPTH) (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		120 gal					20 gal		15855	OFF	4"	
LC-4	22.20		70 gal					10 gal		12470	OFF	4"	

[illegible]

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

LC4 - counter not working again - well box full of bugs and spiders

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-7-09

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	11.00	1130	15.0	15.0	15.0	21.4	21.4	21.45	7.0	.75	APPOX 4 gal	
LC-3	22.20	22.2	1130	1200	21.5	21.5	21.5	21.7	21.7	21.7	.07	.5	<PINT	

[illegible]

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TRC

DAILY FIELD REPORT

Job Name: WDI	Project Number: 165269	Date: 1-7-09
Location: SFS	Weather: COOL - SUNNY	Day: WED
Staff: Doug Hayton	Reason For Site Visit: SITE INSPECTION	

Check where applicable and provide brief description of condition:

- [x] Power Poles:
- [x] Compound:
- [x] Vacant Lot:
- [x] Lock on Fence:
- [ ] Drums on Site (contents & date):
- [x] Visual Inspection of External Well Heads:

ON SITE 10 A - picked up sounder
Drained air comp - checked LC 2 + LC 4
pumps are working - LC4 counter not
working again - pump still - pumping -
well box full of black widows - guaged and bailed
LC 1 - approx 4 gal - Recovered - LC 3
Approx Less than a pint Recovered - checked perimeter
looked good - sprinklers ok - no - new goffer
holes - left site 1:30 pm

LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-12-09

TECHNICIAN NAME: Doug HAXTON TECHNICIAN SIGNATURE:

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) gallons	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg	2nd Rdg	3rd Rdg							
LC-2	22.25'		140 gal					60 gal		16010	OFF	4" water	
LC-4	22.20		80 gal					10 gal		12488	OFF	4" water	

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK

(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-12-09

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.20	700	730	14.85	14.85	14.85	21.6	21.6	21.6	7.35	.06	Approx 4 Gal	
LC-3	22.20	22.20	800	830	21.6	21.6	21.6	21.7	21.7	21.7	.6	.5	Approx 1 Pint	

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DAILY FIELD REPORT

Job Name: WDI	Project Number: 65269	Date: 4/2/09
Location: SFS	Weather: COOL/ SUNNY	Day: MON
Staff: Doug Hamton	Reason For Site Visit: SITE INSPECTION	

Check where applicable and provide brief description of condition:

☐ Power Poles: ☑ Compound: ☐ Vacant Lot:

☑ Lock on Fence: ☑ Drums on Site (contents & date):

☑ Visual Inspection of External Well Heads:

ON SITE 6 AM DRAINED ... AIR COMP.
CHECKED LC2 & LC4 - PUMPS ARE
WORKING LC4 COUNTER WORKING AGAIN ?
BOX STILL FULL OF BLACK WIDOWS
GUAGED AND BAILED LC1 & LC3
LC1 APPROX 4.5 GAL LC3 APPROX 1 PINTS
SPRINKLERS OK. UNIT SITE 1 PM

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6A	1-12-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	Yes	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-19-09

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		180 gal					40	0	16253	OFF	3"	
LC-4	22.20		120 gal					40	0	12555	OFF	3"	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-19-09

TECHNICIAN NAME: DOUG HAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	730	800	14.9	14.9	14.9	21.49	21.49	21.49	7.3	.71	Approx 4 gal	
LC-3	22.20	22.2	830	900	21.59	21.59	21.59	21.65	21.65	21.65	.61	.55	Approx 1 pint	

[illegible]

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 1/9/09
LOCATION: SFS	WEATHER: cool	DAY: MON
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Haxton	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

ON SITE 6AM
PRAINED Air comp
checked LC2 + LC4 pumps working
GUAGED AND BAILED LC1 + LC3
LC1 Approx 4 gal
LC3 Approx 1 PT
sprikkers ok -
checked perimeter
10 A Left site.

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

30. -33 REV.08/22/03

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6 A	1-19-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well-box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	yes Little	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-27-09

TECHNICIAN NAME: Doug HAXTON TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL (TOTAL DEPTH) (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		209 gal					20	0	16253	OFF	3"	
LC-4	22.20		140 gal					20	0	12555	OFF	3"	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-28-09

TECHNICIAN NAME: Doug Hixton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	6:00	6:30	15.0	15.0	15.0	21.5	21.5	21.5			Approx 4 gal	
LC-3	22.20	22.2	6:45	7:15	21.6	21.6	21.6	21.68	21.68	21.68			Approx 1 pint	

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 1-26-09
LOCATION: SFS	WEATHER: cool · sunny	DAY: MON-Tue 1-27-09
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug NAXTON	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

ON SITE 8 AM - 1-26-09
CALIBRATED EQUIPTMENT LOADED TRUCK
MOBED TO IBM 2.1 - TOOK INDOOR & OUTDOOR
READINGS OPENED SUMA'S TOOK EQUIPTMENT
BACK TO TRAILER LEFT SITE 10:30A

ON SITE 6 AM - 1-27-09
checked on LC2 & LC4 - pumps working
SPRINKLERS working
CALIBRATED INSTRUMENTS - MOBED TO IBM 2.1
TOOK INSIDE & OUTSIDE READINGS - closed
SUMA CANS - BACK TO SFS - UNLOAD
INSTRUMENTS - PACK SUMAS - TOOK SAMPLE
FROM SYSTEM OUT PACKED FOR SHIPMENT
WITH ALL REMAING REGULATORS & GUAGES LEFT
SITE 10:45 - MOBED TO FEDX - SHIP SAMPLES MOB
TO PDQ PATTERN GENERATOR & GAS CYLN
MOBED TO BXO RETURN GEM 2000 & HYDROGEN REG.
FILLED OUT CANISTER BEFORE RETURNING - REG.

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

J-03 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 1-28-09
LOCATION: SFS	WEATHER: cool	DAY: Wed
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Hatton	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

on site 6 Am
picked up some Litter
Bailed LC 1 - Approx 4 gal
Bailed LC 3 - Approx 1 pint
Left site 9 Am

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

30. -33 REV.09/22/03

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6A	1-27-28-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	1-28-08 OK	1-27-08 OK	1-28-08 OK	1-27-08 OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	A Little	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 2-2-09

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL (TOTAL DEPTH) (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		220 gal					20	0	16752	off	3"	
LC-4	22.20		150 gal					10	0	12609	off	3"	

[illegible]

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK.
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 2-2-09

TECHNICIAN NAME: Doug NAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	7:00	7:30	14.7	14.7	14.7	21.2	21.2	21.2	7.5	1.0	APPROX 4 gal	
LC-3	22.20	22.2	7:30	8:00	21.6	21.6	21.6	21.6	21.6	21.6	.06	.06	0	DID NOT BAIL

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DAILY FIELD REPORT

JOB NAME: WDF	PROJECT NUMBER: 165269	DATE: 2-2-09
LOCATION: SFS	WEATHER: COOL	DAY: MON
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Haxton	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

ON SITE 6 AM
checked TRAILER - picked up INTERFACE
checked LC2 & LC4 - Both pumps are
working - DRAINED AIR COMP - GUAGED
LC 1 - BAILED APPROX 4 gal -
checked LC3 - DID NOT BAIL ANY LIQUID
SUGGEST - SOAKEASE FOR THIS well
checked perimeter - sprinklers OK
gopher holes - OK NO NEW ONES -
picked up TRASH -
WE NEED A - PORTA - POTTY -
ON SITE - ASK IF YOU WANT TO
KNOW WHY - !!

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6A	2-2-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	A Little	OK	OK	OK		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 2-10-09

TECHNICIAN NAME: Doug HAXTON TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL (TOTAL DEPTH) (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		230 gal					10	0	17088	OFF	5" RAIN WATER	
LC-4	22.20		160 gal					10	0	12636	OFF	5" RAIN WATER	

[illegible]

(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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DAILY FIELD REPORT

JOB NAME: WPI	PROJECT NUMBER: 165269	DATE: 2-10-09
LOCATION: SFS	WEATHER: cool	DAY: Tue
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug W	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

On site 1pm
Drained Air comp -
check LC2 + LC4 - pumps are working
checked LC1 + LC3 -
perimeter looks good
Left site 4pm

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	1 pm	2-10-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	A Little	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 2-20-09

TECHNICIAN NAME: Doug Naxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (d)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (8)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		240 gal					10	0	17424	OFF	8"	
LC-4	22.20		170 gal					10	0	12681	OFF	8"	

(1) – SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK

(2) – IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 2-20-09

TECHNICIAN NAME: Doug Naxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	700	730	14.50	14.50	14.50	21.55	21.55	21.55	7.7	.65	APPROX 4 gal	
LC-3	22.20	22.2	730	800	21.11	21.11	21.11	21.65	21.65	21.65	1.1	.55	1 Ltr APPROX	

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30. -33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 2-20-09
LOCATION: SFS	WEATHER: cool / SUNNY	DAY: FRI
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Hatton	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

ON SITE 6AM
picked up sounder - checked Trailer
Door open - still Locked -
Drained air comp -
checked LC2 + LC4 - pumps are working
Bailed LC1 Approx 4 gal
Bailed LC3 Approx 1 LTR
Checked perimeter Looks good
Looks Like city painted graffiti on
Fence parcel 50 - But new graffiti
Already - No holes in Fence -
They must be climbing fence -
Still Need A porta - potty - ? ...
Dumpster only Needs to be Emptied
1 to 2 months -

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6.00	2-2009

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	[illegible]	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 2-24-09

TECHNICIAN NAME: Doug HAXTON TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		250					10	0	17568	off	8" H2O	
LC-4	22.20		175					5	0	12681	off	8" H2O	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 2-24-09

TECHNICIAN NAME: DOUG HAXTON

TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	7:00	7:40	16.4	16.4	16.4	21.62	21.62	21.62	5.8	.58	Approx 39 Al	
LC-3	22.20	22.2	7:45	8:00	21.5	21.5	21.5	21.5	21.5	21.5	.7	.7	0	

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30. -33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 2-24-09
LOCATION: SFS	WEATHER: cool	DAY: Tue
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Haxton	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

ON SITE 6 AM
picked up interface -
Drained Aircomp
checked Lc 2 + Lc 4 pumps working
Lc 4 counter quit working Again
Bailed Approx 3gal From Lc 1
Ø From Lc 3
checked perimeter looks good
sprinklers ok
picked up some Litter
Left site 9:30 Am

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6 AM	2-24-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	Little	NO	NO	NO		✓
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 3-3-09

TECHNICIAN NAME: Doug Naxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(1) gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		260					10	0	17824	OFF	8"	
LC-4	22.20		185					10	0	12702	OFF	8"	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 3-3-09

TECHNICIAN NAME: Doug HAXTON TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	7:00	7:30	16.2	16.2	16.2	20.45	20.45	20.45	6	1.75	Approx 3 gal	
LC-3	22.20	22.2	8:00	8:30	21.45	21.45	21.45	21.45	21.45	21.45	.75	.75	Ø	

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DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 3-3-09
LOCATION: SFS	WEATHER: cool - sunny	DAY: Tue
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Nauton	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

On site 6AM
Picked up interface
Drained Air comp
checked LC 2 & LC 4 - pumps working
gauged and Bailed LC 1 Approx 3 gal
gauged LC 3 -
Sprinklers OK
gofer Arrangement
Left site 930

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Hoxton	[signature]	6 Am	3-3-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		
Well Casing and Cap/Plug	OK	OK	OK	OK		
Liquid Present in Well Box	A Little	NO	NO	NO		
Other:						
Other:						
Other:						

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 3-9-09

TECHNICIAN NAME: Andy Candelaria TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.20	11:00	11:20	16.7	16.7	16.7	21.55	21.55	21.55	5.5	.7	APPROX. 2 1/2 gallons	
LC-3	22.20	22.20	11:30	11:45	21.50	21.50	21.50	→	→	→	.5	.5	0	

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30. -33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 3-9-09
LOCATION: SFS	WEATHER: OVERCAST	DAY: Monday
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: A. Candelaric	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

arrival: 10:50
Depart: 1450
check Air compressor.
Bailed LC-1, LC-3.
LC-2 counter ⇒ 18043
Approximately 250 gallons in Tank
8" rain water in secondary of tank

LC-4 counter ⇒ 12702
Approximately 200 gallons in tank.
8" rain water secondary of tank.

sprinkers working.
walk site p/u trash.
weeds need to be removed.

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Andy Candelaria	AC	11:00	3-9-08

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		√
Well Casing and Cap/Plug						
Liquid Present in Well Box	Very Little		NO			√
Other:						
Other:						
Other:						

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DEC. 18. 2007 9:39AM TRC ALTON 949 753 0111 NO. 0283 P. 5

30. -33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 3/17/09
LOCATION: SFS	WEATHER: Sunny	DAY: TUES.
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Andy Candelaria	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

arrival - 0700
Departure - 1100
LC-2 counter → 18325 35 psi
Liq tank → 275
Secondary tank → 7" (rain water) DRY well Box.

LC-4 counter → 12072 35 psi
Liq. tank → 225
Secondary tank → 8" (rain H2O) DRY well Box.
counter may need to be replaced

SPRINKLERS CHECK. WEEDS NEED to BE REMOVED.
notified TOM (voicemail).
Gopher Abatement.

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 3/17/09

TECHNICIAN NAME: Andy Candelaria TECHNICIAN SIGNATURE

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.20	0900	0920	15.70	15.70	15.70	21.90	21.90	21.90	6.5	0.3	5.0	
LC-3	22.20												Done last week	

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DAILY FIELD REPORT

Job Name: WDI	Project Number: 156626	Date: 4-8-08
Location:	Weather: Cloudy	Day: Tues.
Staff: Andy C.	Reason For Site Visit:	

Check where applicable and provide brief description of condition:

☐ Power Poles: ☐ Compound: ☐ Vacant Lot:

☐ Lock on Fence: ☐ Drums on Site (contents & date):

☐ Visual Inspection of External Well Heads:

LANDSCAPING DONE TODAY. Gopher Abatement.

START: 0700

END: 1500

LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 3-26-09

TECHNICIAN NAME: Doug Naxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL (TOTAL DEPTH) (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		290 gal						0	18703	off	4"	
LC-4	22.20		240 gal						0	12718	off	4"	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 3-26-09

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	12	1230	16.65	16.65	16.65	21.25	21.25	21.25	5.55	.95	Approx 3.5 gal	
LC-3	22.20	22.2	100	1115	21.20	21.20	21.20	21.20	21.20	21.20	1.0	1.0	0	

[illegible]

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LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
D Haxton	[signature]	11:30	3-26-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (✓) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	Little	NO	NO	NO		✓
Other:						
Other:						
Other:						

[illegible]

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LEACHATE COLLECTION WELLS LC-2 AND LC-4
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

ORIGINAL

DATE: 3-30-09

TECHNICIAN NAME: Doug Haxton TECHNICIAN SIGNATURE: [signature]

WELL ID	TOTAL DEPTH TO BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME	APPROX. VOLUME OF LIQUID IN STORAGE TANK (gallons)	DEPTH TO LIQUID IN WELL (ft)			HEIGHT OF LIQUID COLUMN IN WELL (ft)	VOLUME OF LIQUID PUMPED FROM WELL SINCE LAST VISIT(1) (gallons)	TANK VOLUME HAULED OFFSITE SINCE LAST VISIT(2) (gallons)	COUNTER READING IN DISCHARGE FROM PUMP	ALARM STATUS (ON/OFF)	HEIGHT OF LIQUID IN STORAGE TANK SECONDARY CONTAINMENT	COMMENTS
				1st Rdg.	2nd Rdg.	3rd Rdg.							
LC-2	22.25		300 gal					10 gal	0	18854	OFF	4"	
LC-4	22.20		250 gal					10 gal	0	12733	OFF	4"	

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(1) = SUBTRACT PREVIOUS VOLUME OF LIQUID IN STORAGE TANK FROM CURRENT VOLUME OF LIQUID IN STORAGE TANK
(2) = IF LIQUIDS FROM TANK WERE REMOVED AND HAULED OFFSITE SINCE LAST VISIT, RECORD VOLUME THAT WAS HAULED OFFSITE. IF LIQUIDS WERE NOT HAULED OFFSITE SINCE LAST VISIT, THEN RECORD "0" IN COLUMN.

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LEACHATE COLLECTION WELLS LC-1 AND LC-3
OM&M MONITORING AND BAILING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

ORIGINAL

DATE: 3-30-09

TECHNICIAN NAME: DOUG HAXTON

TECHNICIAN SIGNATURE [signature]

WELL ID	BOTTOM OF WELL AFTER CONSTRUCTED [TOTAL DEPTH] (ft)	MEASURED BOTTOM OF WELL [TOTAL DEPTH] (ft)	GAUGING TIME		DEPTH TO LIQUID (ft)						HEIGHT OF LIQUID COLUMN (ft)		VOLUME OF LIQUID REMOVED (gallons)	COMMENTS
					Start			Finish						
			Start	Finish	1st Rdg.	2nd Rdg.	3rd Rdg.	1st Rdg.	2nd Rdg.	3rd Rdg.	Start	Finish		
LC-1	22.25	22.2	800	830	16.50	16.50	16.50	21.3	21.3	21.3	5.7	.9	Approx 3.5	
LC-3	22.20	22.2	900	915	21.30	21.30	21.30	21.3	21.3	21.3	.9	.9	0	

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30 ... -33 REV.08/22/03

DAILY FIELD REPORT

JOB NAME: WDI	PROJECT NUMBER: 165269	DATE: 3-30-09
LOCATION: SFS	WEATHER: cool overcast	DAY: MON
CONTRACTOR:	FOREMAN:	
FIELD TECHNICIAN: Doug Haxton	INSPECTION/TESTING OF:	

SUMMARY OF OPERATIONS:

ON SITE 6 Am
picked up inter face
Drained Air compressor
checked LC 2 + LC4 - pumps working
LC 4 counter - Suspect - not working properlly
guaged and Bailed LC-1 approx 3.5 gal
guaged LC3 - did not bail
checked perimeter looked good
No Tagging observed
Sprinkers working
Left site 9Am

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DAILY FIELD REPORT

WASTE DISPOSAL, INC.
SANTA FE SPRINGS, CALIFORNIA

TRC | FIGURE J.1

LEACHATE COLLECTION WELLS
OM&M INSPECTION SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

Original

INSPECTOR'S NAME	INSPECTOR'S SIGNATURE	INSPECTION TIME	INSPECTION DATE
Doug Haxton	[signature]	6 A	3-30-09

ITEM OF POTENTIAL CONCERN	CONDITIONS OBSERVED				COMMENTS	CHECK (√) BELOW WHEN COMPLETED
	WELL ID LC-1	WELL ID LC-2	WELL ID LC-3	WELL ID LC-4		
Wellhead (well box, cover, gasket, concrete)	OK	OK	OK	OK		✓
Well Casing and Cap/Plug	OK	OK	OK	OK		✓
Liquid Present in Well Box	A Little	NO	NO	NO		✓
Other:						
Other:						
Other:						

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APPENDIX A.9

IN-BUSINESS AIR AND AMBIENT AIR MONITORING DATA SHEETS

APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12.5.08 TECHNICIAN: Doug H WEATHER: Sunny

LFG INSTRUMENT – MODEL NO.: LANDTEC GEM2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000

LFG INSTRUMENT – SERIAL NO.: GEM 7989 / 1858 PID/FID INSTRUMENT – SERIAL NO.: 1272-5143

AMBIENT AIR TEMPERATURE @ START: 74.3 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.71 in Hg

AMBIENT AIR TEMPERATURE @ END: 65.3 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.85 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03	12:45		00.0	-16 ppm	0	-0.84	00.0	-17 ppm	0	0	-30	-7.5"	Y
IBM-03B	3:30		00.0	-16 ppm	00.0	-.27	00.0	-16 ppm	00.0	-.27	-30	0	Y
IBM-32	14:00		00.0	-16 ppm			00.0	-17 ppm			-29		Y
IBM-22													
IBM-24B													
IBM-28													
IBM-32	1500	1501	0	0	0	0	0	-0.70	0	-0.65		0."	
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			

NOTES: IBM3 DUP -29 Hg Final → 7.5"

IBM32 DUP 30 Hg

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

IBM03B DUP 30 Hg

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/5/08 ~~12/4/08~~ TECHNICIAN: Tom Greene WEATHER: Clear, 0-1mph wind,

LFG INSTRUMENT – MODEL NO.: Gem 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000 B-81040

LFG INSTRUMENT – SERIAL NO.: GM07907 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 65 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.93 in Hg

AMBIENT AIR TEMPERATURE @ END: 65 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.93 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22	5:00		0.0	0.10	0	.81	0.0	0.8	0	.80	>29"	14.5	Yes
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50											~~29.~~		
~~IBM-50~~	AMBIENT AIR MONITORING LOCATIONS										~~29.~~		
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES:													

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-6-08 TECHNICIAN: A. Candelaria WEATHER: Sunny

LFG INSTRUMENT – MODEL NO.: LANDTEC GEM 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000B 81040

LFG INSTRUMENT – SERIAL NO.: GM07907 PID/FID INSTRUMENT – SERIAL NO.: 73273373

AMBIENT AIR TEMPERATURE @ START: 61.7 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.83 in Hg

AMBIENT AIR TEMPERATURE @ END: 79.7 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.85 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50	1230		0	0	00.0	17	0	-.73	00.0	2.4	29.0"	29.0	NO
IBM-50 D											29.0"	29.0	NO
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			
NOTES:													

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/11/08 TECHNICIAN: Tom Greene WEATHER: Partly Cloudy

LFG INSTRUMENT – MODEL NO.: LANDTEC GEM 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000B

LFG INSTRUMENT – SERIAL NO.: GM07907 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 85 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.84 in Hg

AMBIENT AIR TEMPERATURE @ END: ~~85~~ 85 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.8 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37	11:15		0.0	0.20	~~0.0~~	~~0.0~~	0.0	~~2000~~			-29		
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			

-29

NOTES: IBM37 Dup. AC01345, FC524, IBM37 AC01097, FC00063

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/12/08 TECHNICIAN: Tom Greene WEATHER: Mostly cloudy, 0-2 mph

LFG INSTRUMENT – MODEL NO.: Gem 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000 B

LFG INSTRUMENT – SERIAL NO.: GM07909 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 29.7 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.7 in Hg

AMBIENT AIR TEMPERATURE @ END: ~~66.2~~ 37.1 °F AMBIENT BAROMETRIC PRESSURE @ END: ~~66.2~~ 29.71 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03						~~20.36~~			~~0.0~~	~~15.5~~		~~7.2~~	~~yes~~
IBM-03B													
IBM-21													
IBM-22													
IBM-24B	15:15		0.0	1.37			0.0	3.5			-30		
IBM-28													
IBM-32													
IBM-37		10:08			0.0	20.36			0.0	15.5		-7.2	yes
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			

NOTES: Richard Needed to Leave early. 22¾ hr. Sample.

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IBM 24B TG -29.

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12-13-08 TECHNICIAN: Andy Candelaria WEATHER: overcast.

LFG INSTRUMENT – MODEL NO.: GEM 2000 PID/FID INSTRUMENT – MODEL NO.: TVA-1000

LFG INSTRUMENT – SERIAL NO.: GM07909/05 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 67.1 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.56 in Hg

AMBIENT AIR TEMPERATURE @ END: 54.5 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.62 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24B													
IBM-28	1300	1300	0.0	.78	0.0	.17	0.0	3.31	0.0	.17	29.	0	yes
IBM-32													
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49	1200		0	.98			NA	NA	NA	NA	29.	.6	no
NOTES:													

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IBM-28 D. 29. yes.

(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 12/22/08 TECHNICIAN: Tom Greene WEATHER: Cloudy, dripping in Bldg Rain but stopped

LFG INSTRUMENT – MODEL NO.: Landtec GEM2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000B-81040

LFG INSTRUMENT – SERIAL NO.: GM07909 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 60.8 °F AMBIENT BAROMETRIC PRESSURE @ START: 29.62 in Hg

AMBIENT AIR TEMPERATURE @ END: 67.1 °F AMBIENT BAROMETRIC PRESSURE @ END: 29.65 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21													
IBM-22													
IBM-24AMB	12:45		0.0	0.77							-29.2		No outdoor ambient
IBM-28													
IBM-32													
IBM-37													
IBM-41	11:50		0.0	0.78			0.0	1.25			-29.7		Yes
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			

NOTES: (41) AC01167/FC00660 (41)Duplicate AC1305/FC00449: 29.0 in Hg, (24AMB) AC01152, FC00267

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 1-26-09 TECHNICIAN: [illegible] WEATHER: cool / SUNNY

LFG INSTRUMENT – MODEL NO.: GEM 2000 PID/FID INSTRUMENT – MODEL NO.: TVA 1000

LFG INSTRUMENT – SERIAL NO.: GM 07909 PID/FID INSTRUMENT – SERIAL NO.: 7328-273

AMBIENT AIR TEMPERATURE @ START: 60s °F AMBIENT BAROMETRIC PRESSURE @ START: 29.68 in Hg

AMBIENT AIR TEMPERATURE @ END: _____ °F AMBIENT BAROMETRIC PRESSURE @ END: _____ in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)
			Start		End		Start		End				
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)	
IN-BUSINESS AIR MONITORING LOCATIONS													
IBM-03													
IBM-03B													
IBM-21	9:30		.1	0	0.0	0	.1	0	.1	0	30	5	Yes
IBM-22													
IBM-24B													
IBM-28													
IBM-32													
IBM-37													
IBM-41													
IBM-50													
AMBIENT AIR MONITORING LOCATIONS													
IBM-24							NA	NA	NA	NA			
IBM-49							NA	NA	NA	NA			

NOTES: IBM 21 Dup 30 6

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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APPENDIX B.16

IN-BUSINESS AND AIR AMBIENT AIR MONITORING DATA SHEET
WASTE DISPOSAL, INC. SUPERFUND SITE

DATE: 3/27/09 TECHNICIAN: Thomas A Greene WEATHER: Sunny Warm Clear 0-5mph 75.2°F

LFG INSTRUMENT – MODEL NO.: Gem 2000 PID/FID INSTRUMENT – MODEL NO.: TVA1000B-01040

LFG INSTRUMENT – SERIAL NO.: GM07909 PID/FID INSTRUMENT – SERIAL NO.: 73273-373

AMBIENT AIR TEMPERATURE @ START: 75.2 °F /56 AMBIENT BAROMETRIC PRESSURE @ START: 29.75 in Hg

AMBIENT AIR TEMPERATURE @ END: 90°F/86.9 °F /56. AMBIENT BAROMETRIC PRESSURE @ END: 29.55 in Hg

LOCATION ID	SAMPLING TIME		FIELD INSTRUMENT GAS - OUTDOOR READINGS				FIELD INSTRUMENT GAS INDOOR READINGS				SUMMA CAN DATA		BUILDING CLOSED? (i.e., windows/ doors closed) (Yes/No)	Number In	Out	COC	Calibration	Inspection	Daily	Lab Rpt	Email Melanie
			Start		End		Start		End												
	Start	End	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	CH_4 (%)	VOCs (ppmv)	Initial Pressure (in. Hg)	Final Pressure (in. Hg)									
IN-BUSINESS AIR MONITORING LOCATIONS																					
IBM-03	12:45	5:00	0.0	0.0	0.0	1.2	0.0	0.2	0.0	0.9	-29.4	-0.2	No. Will be Soon.	TG	DY	✓					
IBM-03B																					
IBM-21	14:45		0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	-29.8	-7.0	Yes	TG	DY	✓					
IBM-21 DPL	14:45		0.0	0.2			0.0	0.1			-29.4	-0	Yes.	TG	DY	✓					
IBM-24B AMB	13:30	~~[illegible]~~	0.0	0.0	0.0	0.04	~~[illegible]~~	~~[illegible]~~			-30.80	-5.0	—	TG	DY 3/21	✓					
IBM-28	3/21	~~[illegible]~~	0.0	0.57			0.0	0.55	0.0	0.25	30	4.5		DY 3/21	3/22 ½ Done			AC	DY		
IBM-32		1600			0.0	0.52			0.0	0.52		8.0			DY 3/21				DY		
IBM-37														✓	✓	✓	✓		DY		
IBM-41	3/19	3/20	0.0	.66*	0.0	20.0	0.0	1.6	0.0	25.7	29.1	5.1	Yes	TG	TG	✓	TG		TG		
IBM-50	3/21		0.0	0.63	0.0	0.48	0.0	0.71	0.0	0.00	30	1	No	DY 3/21	~~[illegible]~~			AC	DY		
AMBIENT AIR MONITORING LOCATIONS																					
IBM-24	13:30		0.0	0.0	0.0	0.04	NA	NA	NA	NA	-30.0	-5.0									
IBM-49	3/21 10:00		0.0	0.67	0.0	2.58	NA	NA	NA	NA	30.	0		DY 3/21	DY or AC						

NOTES: WDI-IBM-03-03-27-09 uses can AC01106/FC00483 / WDI IBM 24AMB 03-27-09 used can# AC01106/FC00483
WDI-IBM-21-03-027-09 used can AC01475/FC00197 ? WDI-IBM-21-03-27-09-TG (Duplicate) used can AC00965/FC00419

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(1) CH_4, CO_2, and O_2 to be sampled using LFG Instrument (Landtec GEM 2000 or equivalent). TGNMO (VOCs) to be field analyzed by the PID/FID (Foxboro TVA 1000 or equivalent).

(2) Summa samples to be analyzed by EPA Method TO-15 (VOCs) and SCAQMD Method 25.1 (TGNMO and CH_4)

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FINAL, 8/31/2006

IBM 22	3/21 9:30		00.1	0.52	0.0	1.56	00.1	0.61	0.0	1.10	30	0	Yes	DY 3/21	DY?				DY		
IBM 24B																					
IBM 41 Dup	same										29.2	-5.9	Yes								